



SOLAPUR UNIVERSITY, SOLAPUR



**SELF STUDY REPORT
FOR
FIRST CYCLE OF ASSESSMENT AND ACCREDITATION**

**SUBMITTED
TO
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)
BANGALORE**

**SOLAPUR UNIVERSITY,
SOLAPUR- PUNE NATIONAL HIGHWAY,
KEGAON, SOLAPUR - 413 255
MAHARASHTRA, INDIA
<http://su.digitaluniversity.ac>**

16th November, 2014

PREFACE

It is universally recognized that a well developed and broad-based higher education system is necessary for accelerated national development which, in turn, is essential for improving national economy. Developmental activities require, apart from adequate financial resources, a strong workforce of skilled personnel which is invariably the product of quality education. Thus, there is a close relationship between higher education, employment and national economy. The inter-relationship is, however, tenuous and complex because a number of quality variables are involved, each of which is influenced by socio-economic progression and technological development.

Solapur University set up in 2004 has distinguished itself as one of the young and dynamic Universities at the threshold of its decennial celebrations. The University is “Small and Smart” and has its jurisdiction limited to only one unitary district-Solapur. The district with a population of 43,17,756 as per 2011 census has 119 affiliated colleges catering to the needs of the youth desiring to pursue higher education. The gross enrolment from the catchment is over 70000 students with a human development index of 0.48. The figures make the University manageable and hence can play a role model in the domain of higher education of our country.

Solapur University has five schools, 19 post graduate courses and equal number of research programs. Additionally, over 32 job oriented certificate courses are rendered to the pupil. The University is declared Digital University in 2006 for seamless and transparent governance. The e-governance has improved “Checks and Balances” in functioning using wisdom of all the stakeholders.

Solapur University has made a significant contribution over past few years in research projects with an outlay of Rs. 143.12 lakhs, research publications of 576 in peer referred journals, monographs 6, chapters in books 3, books edited 1, average citation index of 236, total citations 6363, impact factor between 0 to 5.54 and *h*-index range from 0 to 22 is worth mentioning. Further, consultancy revenue generated by the academic schools and University Instrumentation Centre is to the tune of Rs.16.44 lakhs. A social responsibility such as village adoption for natural resource development has over 100 beneficiaries. NSS activities - a brand ambassador of University and many other related activities leaves no stone unturned for resource building.

The significant contribution made by the University is the result of sustained and dedicated efforts of all the stake holders-members of the Senate, Management Council, Academic Council, Faculty, Administrative Staff, Alumni and Students of the Solapur University.

Prof. N. N. Maldar
Vice-Chancellor



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Section - A

**Executive Summary Inclusive
of the
SWOC Analysis
of the
University**

EXECUTIVE SUMMARY

Set up in 2004, Solapur University, a State University, constituted by the Government of Maharashtra vide Gazette No. USG-1004/(9412004)/UNI-1 dated 22 July 2004 has, over a short span of 10 years, distinguished itself as one of the best in the state as a hub of teaching, research and creativity.

Solapur University celebrates decennial jubilee this year. The University has dynamic and students friendly academicians who are committed to raise the recognition level to global standards.

Hitherto, the formation of University, Solapur had a Post Graduate Centre of Shivaji University, Kolhapur. The Centre for Post Graduate Studies had three buildings, housing three P.G. Departments and a library on its campus that sprawled over 35.5 acres. The then, P.G. Centre offered post graduate programs in seven subjects. The University inherited 61 affiliated colleges from the erstwhile Shivaji University jurisdiction with a student's strength of over 40000.

Solapur University is poised for an ambitious growth. The University has its vision, mission and goals well defined to bring the talent of rural and semi rural youth for regional and national development. The vision of the University is "To become a dynamic knowledge centre that amalgamates high quality teaching and research with a sense of belonging and commitment to the society." And the mission of University is "To create young persons of impeccable quality through a combination of high quality curricula, innovative pedagogy of higher education and cutting edge research to fearlessly face the challenges of the ever changing world scenario and to contribute towards creation of a benevolent and compassionate society."

Further the goals of University are:

- To continue to improve the quality of the undergraduate and postgraduate courses that prepares our students for professional life, leadership and citizenship in a changing world.
- To make special efforts to provide access to higher education to economically challenged and underprivileged sections of the society.
- Optimize the usage of resources and infrastructure in an integrated fashion to improvise, enhance and strengthen the students' faculties.
- To produce global student with Indian ethos.
- To inculcate self-discipline and high ethical standards, among students, staff, faculty and society individuals.
- To create a pool of self-motivated and dedicated researchers.
- Provide the facilities and support for its staff to take up innovative methods of teaching in accordance with the developments in the academic world and also take care of the development in industry and commerce.
- To transform the 'Student' into "Knowledge Professional" empowered with scientific intellect, entrepreneurial skills and innovation, who have learnt their skills in an highly competent environment under the guidance of research oriented and skilled professors.
- To create an ambience for learning and scholarship.



- To become a nationally renowned Centre of Excellence in teaching, learning, research and extension activities, beneficial to the current and forth coming generations.

The emblem of Solapur University is a manifestation of our vision, mission



and intention. The emblem of Solapur University speaks volume of our intention, mission and vision. It shows crystal clear the path we wish to tread; the holistic synthesis of spirituality, science, technology and commerce is finely embedded in it to make it an organic symbol. The message communicated reveals the universal truth that science and spirit, spirit and commerce, commerce and science go hand in hand. The attempt is to focus on the balanced growth of these facets of knowledge. The motto under the University

emblem states “Knowledge is Wealth”.

Every symbol has geo-specific as well as universal context. To anyone from this region, the central figure resembles Lord Siddheshwar (the Gramadaivata), but for layman it connotes the presence of a seer, calm and serene; yet firmly resolute to monitor human development. It always reminds the responsibility and accountability. The scientific thinking represented by revolving electrons has become a classic symbol. It always helps us explore new thing and reminds us about our infinitesimalness in this vast universe. The unity of science and spirit gives meaning to our life and makes civilization flourish. Commerce of any kind is the life-line of society which rejuvenates it at every critical juncture of its development. The inner urge which leads us to 'Salvation' through knowledge is aptly represented by the age-old venerated symbol of energy-'The Flame' (Jyot).

Presently, Solapur University is witnessing profound changes in India and across the globe. University is addressing the paradigm shift in curriculum, teaching, infrastructure, students support, management, e-governance with embedded research and consultancy activities. For the purpose, the University has seven major faculties' Arts & Fine Arts, Social Sciences, Science, Law, Commerce & Management, Education and lastly Engineering Technology and Pharmacy. The campus is now on 35.5 acres of which 24002.72 sq.m. are covered by constructed building. There are five buildings in housing five schools which impart 19 post graduate courses. A Library building stacks 30,000+ books, 114 National Journals, 31 International Journals, ICT and internet facilities provide access to J-Gate and Delnet that provides 30000+ journals.

Over the years, the academic programs, which enroll students through a competitive process conducted at various centres, have flourished well. Entrance examinations are conducted at five centres of which two are from outside the University jurisdiction. Currently, there are about 15 Ph.D., 3 M.Phil., 15 M.Sc. , 01 M.C.A., 01 M.A., 01 M.Com., 01 M.Ed., and 32 certificate courses in the University. Prospective students might have various choices to lessen their financial burden. Out of them, scholarships are the most sought after. There are various sources for scholarships. They may be offered by the University, granted by the State of Maharashtra and Government of India. Most of the students enrolled in full time regular programs of studies leading to degree, receive scholarships/fellowships. Transparency in admission (Merit and Entrance

Examinations based) and fee structure to ensure that higher education does not become a commercial venture is the underlying principle of Solapur University.

The presence of students and teachers on the campus, drawn from diverse cultures and multi lingual background, make the University a truly cosmopolitan of higher learning. Excellence in education means that, the academic institutions should have resources required to achieve its goals. It includes a wide range of facilities, a well stocked central library which is enhanced by school and departmental library from donations and other grants. The latest computer technology, attractive and basic hostels set in an aesthetically pleasing environment conducive to study, sports, auditorium, well-equipped laboratories and a sense of community makes the University a place of “Happening” on its self-contained campus. Additionally, highly prepared and motivated first time learners from this region deserve to be educated to serve the industrial, institutional and societal needs.

Solapur University is now poised in making efforts to position itself among the leading institutions of higher learning, globally. The University offers a total of 69 programs to enhance the employability skills of students. Curriculum innovations have been made by restructuring all the 19 Boards of Studies and 33 Ad-hoc boards which were constituted with experts from industries, institutions of R&D and academia. The revision of curricula is a routine exercise every three years ensuring few courses of thrust areas with CGPA semester pattern and continuous internal evaluation. Internal Quality Assurance Cell (IQAC) is a fillip to quality education with a well tested instrument to receive feedback about the institutional programs and individuals performance on turnkey basis. This body enriches and enhances the quality in academics and administration. Thus, it plays a pivotal role in fulfilling the University objectives.

The Solapur University is “small and smart”. It is in the forefront of state Universities that had successfully conducted and completed five consecutive years admission process for Ph.D. as per UGC Regulations - 2009. The staff is dedicated and has national credibility. Hence, they have received R & D funds for execution of research in thrust areas of funding agencies. The University has been relentlessly putting efforts to support high quality research among its faculty members and students. The state-of-art infrastructure facilities in the schools and instrumentation centre have sophisticated equipments worth about Rs. 700 lakhs which include 400 MHz multinuclear NMR , XRD, Elemental Analyzer, Atomic Absorption Spectrophotometer, TGA-DSC, UV & IR Spectrometer, Isodynamic Separator, Heating and Freezing stage with camera attachments, Arc.GIS 10.0 software, LCR-Q meter, vacuum system, Controlled Furnaces, GPS system, etc. apart from others.

University initiated insurance policy of Rs 1 lakh to its staff and students with a nominal premium of Rs. 15/- for the unforeseen eventualities that might arise while commuting.

Research and consultancy has shown phenomenal increase in the revenue generation. The same has improved the infrastructure facilities at the University. Staff and students pool significantly in research publications. A total of 576 research papers are published in peer referred journals with a citation of 6363. The impact factor of their publication is of the order of 0 to 5.54 and *h*-index range from 0 to 22. The spin off benefit of research work is capitalized in the form of 10 patents registered at National and International agencies. University nurtures scientific temperament among general public by conducting various



thematic exhibitions. Solapur University has dexterous policy for research promotion in affiliated colleges. University sanctions research centre, research place and research recognition to college teachers to carry out Ph.D. programs. Further, the University has initiated to provide financial assistance for college and University teachers to be life members of professional societies.

Solapur University received kudos for good Governance by the State of Maharashtra and conferred an award for e-governance and Digital University. Despite of the teething problems University has been successful in conducting examinations as per the schedule and declaration of the results in stipulated time frame, for which a letter of appreciation from Hon'ble Chancellor's Office has been received. Solapur University had made its foot prints by organizing various State Level events such as Avishkar-2009 a Research Festival, Avhaan- 2011 a Training program on Disaster Management, Utkarsh-2010 a Social Cultural Festival, two International Conferences in Chemistry, one National Conference in Physics and numerous national seminars and workshops in various schools on the campus. The NSS unit of the university renders altius efforts in the cultural, social and landscape development of University campus. Students of the University have bagged various medals at zonal, regional, state and national level sports and extracurricular activities.

Solapur University has developed on the lines of "Inclusive and Qualitative Expansion of Higher Education" as slated in UGC policy document. It has implemented quite a number of examination reforms of Shri. Agarwal committee, one of them is making Digital-University which includes many facets such as On-Line Admission, Eligibility, Generation of Examination form, Hall Tickets, Results, Revaluation, etc. via Students Login at College Login site. Furthering such achievements is implementation of online delivery of question papers and evaluation of MCA examinations on pilot project basis. The University's governance structure has been improved with "Checks and Balances" in functioning and by utilizing the stakeholders wisdom in decision making. The University has adopted "Unique Accounts Code" as proposed by Maharashtra Government for complete transparency. The Information and Communication Technology (ICT) tools have been truly deployed to enhance the e-governance benefits.

The University has a comprehensive IT policy and the Road Map based on its Vision-2020 documents which includes perception of future developments and resource mobilization. The University is marching ahead into competitive era to transform educated youth as employable person and to provide leaders of tomorrow in academics, research and make a compassionate society. This shall be a humble beginning at the threshold of its first cycle of NAAC accreditation.



SWOC ANALYSIS OF THE UNIVERSITY

Strengths:

- The University is “Small and Smart” and a “Role Model” for a Unitary District in the domain of higher education.
- The teaching staff is young and dynamic to launch the ambitious growth plan of “Vision 2020”
- Solapur University is digital University with transparent and seamless e-Governance in academic, administration and accounts.
- The only University in State that has conducted flawless 5 PET examinations as per UGC Ph.D. Regulations - 2009.
- Resource mobilization through consultancy.
- Service to the Society: NSS – A Brand Ambassador and Village adoption.
- University has 35.5 acres developed land and acquired additional 482 acres land from State Government.

Opportunities:

- Once the Government clears the reserved zone, 482 acres University land would be utilized for developing vision 2020. Thus the horizontal expansion of academic departments, residential blocks and other infrastructure would be cherished.
- University has ample scope to reach the unreached rural population to be included in higher education, to increase GER from this region.
- 12B status is granted by the UGC, the University is at the flood gates of receiving funds for development.
- University has multi lingual multi cultural matrix and truly cosmopolitan to host International cell for International students.

SWOC

Weaknesses:

- University has the inhibitions for infrastructural development due to reserved zone for Great Indian Bustard in 482 acres land.
- The University was bestowed 12B status in May, 2013. Hence, could not submit proposal of general development assistance and research projects under UGC financial schemes during initial nine years (2004-2013).
- Many of the students of the University are first time learners with weak English Communication and soft skills.
- Placement cell is in nascent stage.

Challenges:

- Make student self entrepreneur in the textile hub of the city.
- Utilisation of renewable solar energy for making eco friendly ambience on the campus.
- Research activities and publications as per International standards.
- Sustain the University in a global competition.



Section - B

**Profile
of the
University**

SECTION-B

SELF STUDY REPORT

PROFILE OF THE UNIVERSITY

1. Name and Address of the University:

Name of the University	SOLAPUR UNIVERSITY, SOLAPUR SOLAPUR - PUNE NATIONAL HIGHWAY, KEGAON, SOLAPUR.
Postal Address	
District	SOLAPUR
State	MAHARASHTRA
PIN	413 255
Website	http://su.digitaluniversity.ac

2. For Communication:

Designation	Name	Phone with STD Code	Mobile	Fax	Email
Vice - Chancellor	Prof. N.N.Maldar	Off. : (0217) 2351300 Resi. : (0217) 2301177	7774043981 8600000736	0217-2351300 0217-2744770	maldar_nn@rediffmail.com maldar.nn@gmail.com
Pro Vice Chancellor	-	-	-	-	-
Registrar	Shri. S.K.Mali	Resi. : (0217)	7774043982	0217-2744770	registrarsolapur@yahoo.in shivasharanmali@gmail.com
Steering Committee Chairman	Prof. P. Prabhakar	Off. : (0217) 2744774 (Ext. 158) Resi.: (0217) 2607251	9422370524	0217-2744770	geoprabhakar@gmail.com

3. Status of the University:

State University	<input checked="" type="checkbox"/>
State Private University	<input type="checkbox"/>
Central University	<input type="checkbox"/>
University under Section 3 of UGC (Deemed University) Institution of National Importance	<input type="checkbox"/>
Any other (please specify)	<input type="checkbox"/>

4. Type of University:

Unitary	<input type="checkbox"/>
Affiliating	<input checked="" type="checkbox"/>

5. Source of funding:

Central Government	<input checked="" type="checkbox"/>
State Government	<input checked="" type="checkbox"/>
Self – Financing	<input checked="" type="checkbox"/>
Any Other (Please Specify) “ Solapur Municipal Corporation and MLA Funds”	<input checked="" type="checkbox"/>



6. a. Date of establishment of the University: 22.07.2014

The University was established by the Govt. of Maharashtra as a state University vide its notification Ref. No: USG. 1004/(94/2004)/UNI.-1 Dated 22/07/ 2004. (Enclosure - I)

b. Prior to the establishment of the University, was it a/an

i) PG Centre	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
ii) Affiliated College	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
iii) Constituent College	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
iv) Autonomous College	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
v) Any other (please specify)	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>

If yes, give the date of establishment: 10/10/1984 (Enclosure - II)

7. Date of recognition as an University by UGC or any other National agency:

Under Section	dd	mm	yyyy	Remark
2f of UGC*	21	03	2005	Enclosure - III
12B of UGC *	23	05	2013	Enclosure - IV
3 of UGC #				
Any other (specify)				
a. AIU	14	02	2011	Enclosure - V
b. NCTE	05	03	2007	Enclosure - VI
c. ACU	23	11	2011	Enclosure - VII

* Enclose certificate of recognition.

Enclose notification of MHRD and UGC for all courses / programmes / campus/ campuses/Documents.

^ Enclose Certificate of recognition by any other national agency/agencies, if any.

8. Has the University been recognized?

a. By UGC as a University with Potential for Excellence?

Yes NO

b. For its performance by any other governmental agency?

Yes NO

9. Does the University have off-shore campuses?

Yes NO

10. Does the University have off-campus centres?

Yes NO

11. Location of the campus and areas:

Solapur University	Location	Campus areas in acres	Built up in sq. mts
i. Existing campus area (Vidya Vihar)	Semi -Urban Rural	35.5	24002.75
ii. Dnyanteerth Nagar		482	Nil
iii. Study Centre	Solapur City	0.69	680.47

If the University has more than one campus, it may submit a consolidated self study report reflecting the activities of all the campuses.



**12. Provide information on the following: In case of multi-campus University
Please provide campus-wise information.**

- Auditorium/seminar complex with infrastructural facilities:** Yes
University has Auditorium/Seminar complex as listed below:

1. University Auditorium
2. Seminar Hall in School of Chemical Sciences
3. Conference Hall in School of Chemical Sciences
4. Auditorium Hall in School of Social Sciences

- Sports facilities:**

Play grounds - Volley Ball, Cricket and Foot Ball.

Swimming pool - No

Gymnasium - Yes (The facilities are independently available at boys and girls hostel)

- Hostel:**

*** Boy's hostel**

- | | | |
|-----------------------|---|---|
| i. Number of hostel | - | 01 |
| ii. Number of inmates | - | 193 |
| iii. Facilities | - | 2 Mess buildings,
Rector Residence,
Solar Water Heater,
Drinking Water,
Water Purifier and Cooler,
TV Hall, News Papers
24x7 Security |

*** Girls hostel**

- | | | |
|-----------------------|---|--|
| i. Number of hostels | - | 01 |
| ii. Number of inmates | - | 133 |
| iii. Facilities | - | Mess building,
Rector Residence,
Solar Water Heater,
Drinking Water,
Water Purifier and Cooler,
Recreation Hall,
News Papers
(Compound wall)
24x7 Security |

*** Working women's hostel : No**

- | | | |
|-----------------------|---|----|
| i. Number of hostels | : | -- |
| ii. Number of inmates | : | -- |
| iii. Facilities | : | -- |

- Residential facilities for faculty and non-teaching:** No

- Cafeteria:** University has a canteen on the campus.

- Health center - Nature of facilities available - inpatient - outpatient ambulance, emergence care facility etc.**

Solapur University has a Health Centre to provide basic primary health care services to its students and staff. It conducts Bone Density, Haemoglobin, Blood Group, Eye Sight, Blood Pressure and Blood Sugar check up for staff and students as outpatients.



- Facilities like banking, post office, book shops etc**
Post office is available on the campus.
Banking and General Store facilities are in close proximity.
- Transport facilities to cater to the needs of the students and staff:**
No.
However, Solapur Municipal Corporation operates regular Bus Service passing through the University.
- Facilities for persons with disabilities** : Yes
Basic amenities for differently abled persons are available and special vehicles are provided to the differently abled employees of University.
- Animal house** : No
- Incinerator for laboratories** : No
- Power house:** University has power house with capacity of 400KVA
- Waste management facility** : No

13. Number of institutions affiliated to the University

Type of Colleges	Total	Type of Affiliation		
		Permanent	Temporary	
Arts, Science and Commerce	47	32	15	
Law	03	02	01	
Medicine	--	--	--	
Engineering	15	02	13	
Education	27	03	24	
Management / MCA	06	00	06	
Others (specify and provide details)	BBA, BCA, B.Sc. (ECS)]	15	00	15
	Pharmacy	04	00	04
	Architecture	01	00	01
	M.S.W.	01	00	01
Total	119	39	80	

*One P.G. program in Social Work is conducted in affiliated Arts and Science College.

14. Does the University Act provide for conferment of autonomy (as recognized by the UGC) to its affiliated institutions? If yes, give the number of autonomous colleges under the jurisdiction of the University

Yes No Number



15. Furnish the following information:

Particulars		Number	*Number of Students
a)	University Departments : Under graduate	--	--
	Post Graduate	19	837
	Research centres on the campus		228
b)	Constituent colleges	--	--
c)	Affiliated colleges	119	66959
d)	Colleges under 2(f)	36	43487
e)	Colleges under 2(f) and 12B	29	39933
f)	NAAC accredited colleges	41	48412
g)	Colleges with Potential for Excellence (UGC)	1	2366
h)	Autonomous colleges	00	00
i)	Colleges with Postgraduate Departments	55	7349
j)	Colleges with Research Departments (University recognized research centre / place)	40	171
k)	University recognized Research Institutes/ Centres	--	

* The number of admitted students is of Academic Year 2013-14.

Necessary document are enclosed herewith

(Enclosure-VIII)

16. Does the University conform to the specification of Degrees as enlisted? by the UGC?

Yes No

If the University uses any other nomenclatures, please specify.

17. Academic programmes offered by the University departments at present under the following categories: (Enclose the list of academic programmes offered)

Programs	Number
UG	00
PG	19
Integrated Masters	-----
M.Phil.	03
Ph.D.	15
Integrated Ph.D.	-----
Certificate	00
Diploma	00
PG Diploma	-----
Any other (please specify)	
a. Janvikas Kendra	32
Total	69

The list of academic programs offered is enclosed as per (Enclosure- IX)



18. Number of working days during the last academic year:

19. Number of teaching days during the past four academic years.

Sr. No.	Academic Year	Number of Teaching Days
1.	2010-11	199
2.	2011-12	191
3.	2012-13	189
4.	2013-14	198

(‘Teaching days’ means days on which classes were engaged. Examination days are not to be included)

20. Does the University have a department of Teacher Education?

Yes No

If yes,

a. Year of establishment: 01/06/2006.

NCTE recognition details (if applicable) Notification No.: Order Ref

No. : WRC/5-6/89/2006/C-11973 Date:05/03/2007

with retrospective effect for the academic year 2006-07

Government of Maharashtra No Objection Certificate (NOC)

(Enclosure -X)

Letter Ref. No. : SUS-2004/(268/04)UNI-5 Date : 30/12/2004

(Enclosure -XI)

b. Is the department opting for assessment and accreditation separately?

Yes NO

21. Does the university have a teaching department of Physical Education?

Yes NO

If yes,

a. Year of establishment :

b. NCTE recognition details (if applicable) Notification No.:

c. Is the department opting for assessment and accreditation separately?

Yes NO

22. In the case of Private and Deemed Universities, please indicate whether Professional programs are being offered?

Yes NO

If yes, please enclose approval / recognition details issued by the statutory body governing the programme.

23. Has the University been reviewed by any regulatory authority? If so, furnish a copy of the report and action taken there upon.

Yes NO

UGC Expert Committee – visited the University on 1st March and 2nd March, 2013 to confer 12B status.



24. Number of positions in the University.

Positions	Teaching Faculty			Non-Teaching Staff	Technical Staff Lab Asst./ Programmers System analyst
	Professor	Associate Professor	Assistant Professor		
Sanctioned by the State Government	05	10	22	210	--
Recruited	02	07	18	154	--
Yet to recruited	03	03	04	56	--
Number of persons working on contract basis Sanctioned by the University	--	--	27	142	02

25. Qualification of the teaching staff

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D.Sc./D.Litt.	--	--	--	--	--	--	--
Ph.D.	06	--	07	--	03	01*	17
M.Phil.	--	--	--	--	01	--	01
PG.	--	--	--	--	08	01	09
Temporary Teachers							
Ph.D.	--	--	--	--	02	02	04
M.Phil.	--	--	--	--	02	--	02
PG.	--	--	--	--	09	12	21
Part-Time Teachers							
Ph.D.	--	--	--	--	--	--	--
M.Phil.	--	--	--	--	--	--	--
PG.	--	--	--	--	--	--	--

* On lien to Deputy Director, Puratatva Vastu Sangrahalaya Sanchalanalay, Mumbai.

26. Emeritus, Adjunct and Visiting Professors.

	Emeritus	Adjunct	Visiting
Number	--	--	--

27. Chairs instituted by the University:

	Chairs
School / Department	*Swami Vivekanand

***University has drafted a proposal to institute a Swami Vivekanand Chair. The proposal is being submitted to UGC.**



28. Students enrolled in the University departments during the current academic year (2014-2015) with the following details:

Student	UG		PG		INTEGRATED MASTERS		M.Phil.		Ph.D.		Integrated Ph.D.		D.Litt./D.Sc		Certificate		Diploma		PG Diploma	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
From the state where the University is located	-	-	462	355	-	-	25	11	115	76	-	-	-	-	-	-	-	-	-	-
From other state of India	-	-	0	0	-	-	Nil	Nil	01	Nil	-	-	-	-	-	-	-	-	-	-
NRI Students	-	-	0	0	-	-	Nil	Nil	Nil	Nil	-	-	-	-	-	-	-	-	-	-
Foreign Students	-	-	0	0	-	-	Nil	Nil	Nil	Nil	-	-	-	-	-	-	-	-	-	-
Total	-	-	462	355	-	-	25	11	116	76	-	-	-	-	-	-	-	-	-	-

M - Male, F – Female

29. ‘Unit cost’ of education

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

- Including the salary component (2013-14) Rs. 2,11,790/-
- Excluding the salary component (2013-14) Rs. 1,08,515/-

30. Academic Staff College: No

- Year of Establishment
- Number of programmes conducted (with duration)
 - UGC Orientation
 - UGC Refresher
 - University’s own programs

31. Does the University offer Distance Education Programs (DEP)?

Yes NO

If yes, indicate the number of programs offered.

Are they recognized by the Distance Education Council?

No.

IGNOU and YCMOU centres are operating in Solapur District. Further, Solapur University is planning to have Distance Education Programs in near future.

32. Does the University have a provision for external registration of students?

Yes NO

If yes, how many students avail of this provision annually?

Sr.No.	Year	Registration of Student
1	2010-11	5572
2	2011-12	5848
3	2012-13	5736
4	2013-14	5725
5	2014-15 (Current Year)	4841

33. Is the University applying for Accreditation or Re-Assessment?

If Accreditation, name the cycle.

Accreditation: Cycle 1 Cycle 2 Cycle 3 Cycle 4

Re-Assessment:

34. Date of accreditation*

(Applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)

Cycle 1: (dd/mm/yyyy), Accreditation outcome/Result

Cycle 2: (dd/mm/yyyy), Accreditation outcome/Result

Cycle 3:(dd/mm/yyyy), Accreditation outcome/Result

Cycle 4: (dd/mm/yyyy), Accreditation outcome/Result

* Kindly enclose copy of accreditation certificate(s) and peer team report(s)

35. Does the University provide the list of accredited institutions under its jurisdiction on its website? Provide details of the number of accredited affiliated / constituent / autonomous colleges under the University.

Yes, the University has provided the list of accredited and reaccredited institutions under its jurisdiction on its official website. Details of the number of accredited affiliated colleges under the University are giving below and details are provided in (Enclosure XII)

Sr.No.	Name of the accreditation Agencies	No. of Affiliated Colleges
1	NAAC Reaccreditations	22
2	NAAC Accreditations	17
3	NBA	01
4	NBA Reaccreditations	01

36. Date of establishment of Internal Quality Assurance Cell (IQAC) and dates of submission of Annual Quality Assurance Reports (AQAR).

IQAC 22/02/2013

AQAR i) (dd/mm/yyyy)

37. Any other relevant data, the University would like to include (not exceeding one Page)



Criterion – I
Curricular Aspects

CRITERION I : CURRICULAR ASPECTS

1.1 Curriculum Design and Development

1.1.1 How is the institutional vision and mission reflected in the academic programmes of the University?

The University vision and mission are translated into academic program through academic activities such as,

- Timely revision of syllabus as per the guidelines of governing bodies.
- Conducting research activities in accordance with thrust areas as defined by the regulatory bodies of the higher education and funding agencies.
- Organizing National and International Conferences, Seminars, Workshops by various schools on the campus.
- Using innovative methods of teaching and learning through technology enhancement methods like power point presentation, group discussions, seminars, projects, ICT, etc.
- Conducting workshops on personality development and communication skills for the students.

The above aspects and activities are to translate the Vision, Mission and Goals to a “Knowledge Society”. A knowledge society is identified by its recognition of knowledge as the main source of economic progress. This new model of development is bringing about a fundamental reshaping of the global economy. All over the world, the mind power is the key to deliver growth. Few of the critical dimensions of the knowledge are shifts in the stress and emphasis on the application of knowledge. The same is achieved through innovative pedagogy and high quality research. The digitization of information and the influence of the World Wide Web are facilitating a new intensity in the application of knowledge to economic activity.

Making a knowledge society in Solapur has not been able to totally diverse itself from the traditional past, on account of which the progress in this regard has been rather tardy and sporadic. The economic system has been confronting as many challenges as opportunities. Nevertheless, these drawbacks have not been able to prevent the region from rising to be a premium knowledge society, wherein ICT functions as the king pin in generating wealth and employment for the students of this region.

1.1.2 Does the University follow a systematic process in the design and development of the curriculum? If yes, give details of the process (need assessment, feedback, etc.).

Yes.

Looking at the academic achievements it does suggest a paradigm shift in majority of curriculum with respect to improving the quality of education. In order to maximize learning, it is beyond the doubt that faculty members play an integral role in knowledge creation, dissemination and in pro-actively engaging with the students. Curriculum designing and development is done through a systematic process. The curriculum is designed according to the guidelines of the UGC and other National and State academic organizations. Boards of Studies (BOS) of various subjects appoint sub-committees for designing and development of the curricula.



The sub-committee includes four to five experts from R & D institutes, industries, BOS member and teachers from the University Departments. The syllabus framed by sub-committee is discussed in BOS. There are nineteen Boards of Studies (BOS) and thirty three Ad-hoc Boards of Studies. The proposed curricula are displayed on University website inviting comments from the teachers and students, after obtaining their suggestions, final draft is prepared for approval of the Faculties and Academic Council. Approved programs are implemented in the ensuing academic year.

1.1.3 How are the following aspects ensured through curriculum design and development?

* **Employability:**

- The curricula are designed and developed as per the need and demands of the concerned industries/ companies/ institutions.
- The curricula include components viz; theoretical, practical and hands on skills experience which help in increasing employability.
- The courses include industrial visits, study tours, project reports, field visits, in-plant training, etc. which promote practical knowledge, experience and discipline amongst the students.

* **Innovation:**

University has distinct core commitments that would cater the needs of first time learners with a multi lingual and multi cultural landscape in higher education of the region. The University has committed to improve the standard of teaching, learning and evaluation, research and extension activities to match the international standards. The University is making herculean efforts to reach the unreached and enhance the gross enrollment ratio (GER). The curriculum is designed to focus on inclusive research, apart from teaching and extension. Finally, developing strong work ethics and consciously doing one's best in all aspects of University education. The University has done few innovations from the time of its inception. The innovative practices are showcased as follows.

- **CGPA Pattern:** The Curricula is designed with Cumulative Grade Point Average (CGPA) evaluation of all PG courses. The University upgrades curricula of all PG courses to comply the CGPA pattern.
- **School Pattern:** In the academic year 2009-10, the University has initiated Schools of various studies. The five schools that were established are: School of Physical Sciences, School of Chemical Sciences, School of Earth Sciences, School of Computational Sciences and School of Social Sciences. Further, two schools are initiated as School of Education and School of Commerce. Under the umbrella of seven schools 19 post graduate programs are conducted on the campus.
- **Digital University:** In the year 2006, an ambitious project was launched by the University in the form of a Digital University to make paperless, seamless, transparent and credible in the entire



process of University activities. This includes apart from other, admission to declaration of results online. For the organisation of meetings of various bodies and committees, the e-notice, e-agenda etc. are through digital communication. The minutes of meetings of various authorities are uploaded on the University website.

*** Research:**

Research component is given weightage in the curriculum. Papers on Research Methodology and Information and Communication Technology (ICT) are introduced in curriculum of few post graduate from 2014-2015 and all coursework of Ph.D. in the academic year 2010. Project completion is a part of most of the PG courses and involves field surveys sample collection, performing experimental work and analysis of data. Review of new books and scientific journals is a part of PG courses in Social Sciences and Earth Sciences.

1.1.4 To what extent does the University use the guidelines of the regulatory bodies for developing/restructuring the curricula? Has the University been instrumental in leading any curricular reform which has created a national impact?

The University has adopted 100% UGC/NCTE guidelines while developing and restructuring curricula. Further, considering the local socio economic cultural landscape of the region few courses were amended in the frame work of UGC guidelines. The courses such as M.Sc. Applied Geology included ground water development and management. M.Sc. Environmental Sciences incorporated water shed management, GIS, etc. M.A. Applied Economics has component on rural development and management.

University has been instrumental in leading polymer chemistry curricular reform which has created a national and state impact, as PG courses in Polymer chemistry were first introduced by us in Maharashtra State Universities and followed by other Universities namely NMU, BAMU, SRTMU, etc. The University curricula do not fall short to meet the national requirements.

1.1.5 Does the University interact with industries, research bodies and civil society in curriculum revision? If so how has the University benefitted?

Yes.

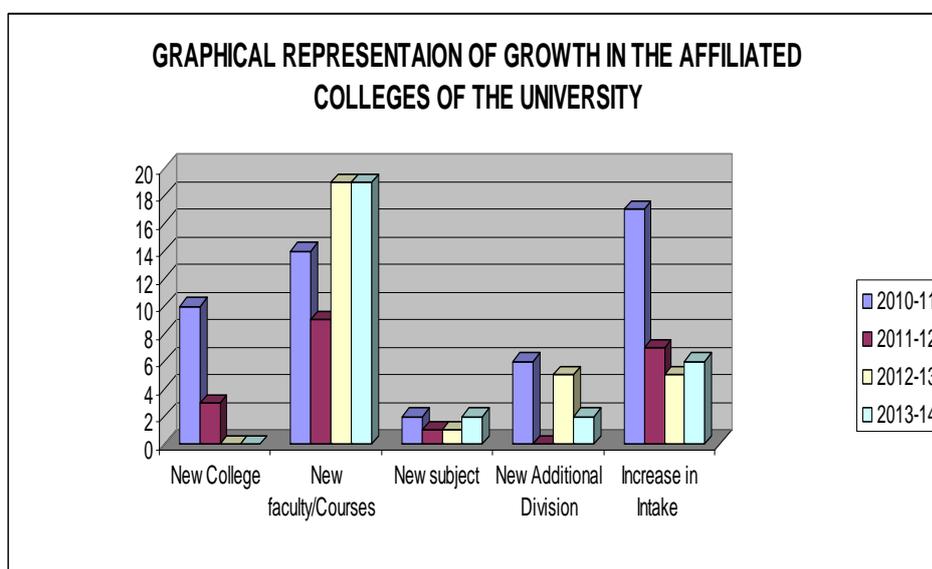
Board of Studies in many subjects co-opts experts from others Universities and industries. In science subjects experts from industries, professional and research organizations of DST, CSIR, ICSSR, etc. are co-opted as members. This gives an opportunity to the members of BOS to interact with them in curriculum revision and restructuring the courses in the light of development and emergence of new areas in the concerned program. The practical approach in developing curriculum has assisted the students in getting employment.



1.1.6 Give details of how the University facilitates introduction of new courses of studies in its affiliated colleges.

The University has a perspective plan. In light of the same, University invites the proposals for starting new courses of studies in its affiliated colleges. The received proposals are scrutinized as per provisions laid down in the GR dated 30/10/2010 and recommended to Management Council and to the Government of Maharashtra. After receiving approval from the Government of Maharashtra, University appoints a Local Inquiry Committee as per the UGC (Affiliation of colleges by Universities) Regulations of Affiliation. On receipt of the recommendations of LIC the proposals are placed before Academic Council for its approval. Thereafter, the college is communicated in advance for the implementation of new courses in the ensuing academic year. The table shows the details for the same:

	2010-11	2011-12	2012-13	2013-14	TOTAL
New College	10	03	00	00	13
New faculty/Courses	14	09	19	19	51
New subject	02	01	01	02	06
New Additional Division	06	00	05	02	13
Increase in Intake	17	07	05	06	35
Total	49	20	30	29	118



The University facilitated introduction of the following new UG and PG courses:

Academic Year	Under Graduate Courses/subjects	Post Graduate Courses/subjects
2010-11	B.B.A.	M.Sc. : Inorganic Chemistry M. Pharm. : Pharmaceutical Chemistry M.Sc. : Bio-technology M.E. : E&TC
2011-12	B.A. : NCC B.E. : Electrical Engineering	M.E.: Civil Structure, CSE, Mechanical CAD CAM, Mechanical, Mechanical Design. M.Pharm. : Quality Assurance & Pharmaceutical Chemistry
2012-13	B.A. : Special English	M.Sc. : Bio-technology M. Pharm.: Pharmaceutics M.E. : Manufacturing Process, Electronics Design Engineering. M.C.A. , M.Com.
2013-14	B.Sc. : Mathematics B.A. : Political Science B.E. : Chemical Engineering	M.E. : Biomedical Engineering, Water Resource Management, Thermal Engineering, Design Engineering, Digital Electronics and Communication System, Manufacturing Engineering

The affiliated colleges can take-up new M.Phil. and Ph.D. programs, where Research Centers and Research Places are established.

1.1.7 Does the University encourage its colleges to provide additional skill-oriented programs relevant to regional needs? Cite instances (not applicable for unitary universities).

Yes.

The University encourages affiliated colleges to provide skill-oriented programs relevant to their regional needs. Affiliated colleges are free to design need based skill oriented certificate and diploma courses. One such example is a course in Textile Chemistry conducted by DBF Dayanand College of Arts & Science, in view of Textile Hub in Solapur region. For the said purpose, the college receive substantial funding from the UGC under the XII Five Year Plan (Merged Schemes and under Innovative Programs Scheme of UGC).

1.2 Academic Flexibility

1.2.1 Furnish the inventory for the following:

- **Programs taught on campus:** The following is an inventory of P.G. Courses conducted on the campus

Sr. No.	Name of the Department School	Post Graduate Program	Duration
School of Physical Sciences			
1	Physics	M.Sc. Physics (Applied Electronics)	Two Years
2	Electronics	M.Sc. Electronics (Communication Science)	Two Years
3	Physics	M.Sc. Physics (Materials)	Two Years



		Science)	
School of Chemical Sciences			
4	Polymer Chemistry	M.Sc. Polymer Chemistry	Two Years
5	Industrial Chemistry	M.Sc. Industrial Chemistry	Two Years
6	Organic Chemistry	M.Sc. Organic Chemistry	Two Years
School of Earth Sciences			
7	Geology	M.Sc. Applied Geology	Two Years
8	Environmental Science	M.Sc. Environmental Science	Two Years
9	Geo informatics	M.Sc. Geo informatics	Two Years
School of Computational Sciences			
10	Mathematics	M.Sc. Mathematics	Two Years
11	Statistics	M.Sc. Statistics	Two Years
12	Computer Science	M.Sc. Computer Science	Two Years
13	Computer Applications	M.C.A. (Science faculty)	Three Years
School of Social Sciences			
14	Ancient Indian History, Cultural & Archaeology	M.A. AIHC & A	Two Years
15	Rural development	M.A. Rural Development	Two Years
16	Applied Economics	M.A. Applied Economics	Two Years
17	Journalism and Mass Communication	M.A. Journalism and Mass Communication	Two years
School of Commerce and Management			
18	Commerce	M.Com.	Two Years
School of Education			
19	Education	M.Ed.	One Year

- **Overseas programs offered on campus:** None
- **Programs available for college to choose from:** The Perspective Plan includes following programs:

Perspective Plan Year	Programs
2011-12	1. Arts, 2.Commerce, 3.Science, 4.Music, 5. Law, 6. M.B.A., 7. Hotel Management & Catering Technology, 8. Food Technology 9. Fashion Technology and Dress Designing, 10. B.Com e-Commerce & Financial Market, 11. Master of Financial Management, 12. Master of Professional Accountancy & Auditing, 13. Degree & P.G. Diploma in Applied Arts and Fine Arts. P.G. Diploma in: 1. Taxation, 2. Finance, 3. Auditing, 4. Retail Marketing, 5. Financial Services, 6. Marketing Management, 7. H. R. Management, 8. International Business, 9. Foreign Languages, 10. B.P.O, 11.Banking Finance, 12.Hospitality Management, 13.Event Management.
2012-13	1. Music, 2. Law, 3. M.B.A., 4. Hotel Management & Catering Technology, 5. Food Technology, 6. Fashion Technology & Dress Designing, 7. B.Com e-Commerce & Financial Market, 8. Master of Financial Management, 9. Master of Professional Accountancy, 10. Degree & P.G. Diploma in Applied Arts and Fine Arts, 11. Degree & P.G. Diploma in Hospitality Management.



	P.G. Diploma in: 1. Taxation, 2. Finance, 3. Auditing, 4. Retail Marketing, 5. Financial Services, 6. Marketing Management, 7. H. R. Management, 8. International Business, 9. Foreign Languages, 10. B.P.O, 11.Banking Finance, 13.Event Management.
2013-14	1. Music, 2. Law, 3. Hotel Management & Catering Technology, 4. Food Technology, 2. Fashion Technology & Dress Designing, 6. B.Com e-Commerce & Financial Market, 7. Degree & P.G. Diploma in Applied Arts and Fine Arts, 8. Degree & P.G. Diploma in Hospitality Management, 9.Engineering, 10.Degree in Environment Science, 11.B.Sc. Renewable Energy. P.G. Diploma in: 1. Taxation, 2. Finance, 3. Auditing, 4. Retail Marketing, 5. Financial Services, 6. Marketing Management, 7. H. R. Management, 8. International Business, 9. Foreign Languages, 10. B.P.O, 11.Banking Finance, 13.Event Management.
2014-15	1. Master of Cyber Law & Information Technology, 2.Master of Journalism & Mass Communication, 3. B.Sc. Renewable Energy, 4. Bachelor Course in Khadi Production & Design, 5. Bachelor of Journalism & Mass Communication, 6. Hotel Management & Catering Technology.
2015-16	1. Bachelor of Library & Information Science, 2. Bachelor of Journalism & Mass Communication, 3. Hotel Management & Catering Technology, 4. Law 5. Drawing

An affiliated college can run any PG course in any discipline. Also the colleges approved as Research Centers and Research Places can run M.Phil. and Ph.D. courses.

1.2.2 Give details of the following with reference to academic flexibility.

a. Core / Elective options

With the acceptance of semester system in the post graduate departments on the campus, the departments revised the core syllabi and provided thrust area elective options in final year of Post Graduation courses. The following table illustrates program wise elective subjects.

PROGRAMS AND BRANCH WISE ELECTIVES

Sr. No.	Name of the Program	Branch	Semester	Elective Papers
School of Physical Sciences				
1.	M.Sc.	Physics (Materials Science)	III	1) Paper – XI - PH (MS): ELEMENTS OF MATERIALS SCIENCE(w.e.f.June 2015-16) 2) Paper – XII - PH (MS): DIELECTRIC AND FERROELECTRIC MATERIALS (w.e.f.June 2015-16)
			IV	1) Paper – XV - PH (MS): MAGNETIC MATERIALS (w.e.f.June 2015-16) 2) Paper – XVI - PH (MS): NANO SCIENCE AND TECHNOLOGY (w.e.f.June 2015-16)



School of Chemical Sciences				
2.	M.Sc.	Polymer Chemistry	III	1) Spectral and Instrumental Analysis of Polymers. 2) Natural and Synthetic Textile fibers and Resins (w.e.f.June-2012)
			IV	1) Processing Technology and Polymer properties 2) Inorganic and Biopolymers (w.e.f.June-2012)
School of Computational Sciences				
3.	M.Sc.	Mathematics	III	1) Paper-XIII-Linear Algebra 2) Paper-XIV-Modeling & Simulation 3) Paper-XV-Numerical Analysis (w.e.f.June-2012)
			IV	1) Paper-XVIII-Integral Equations 2) Paper-XIX-Operations Research 3) Paper-XX-Probability Theory (w.e.f.June-2012)
4.	M.Sc.	Statistics	III	1) Paper-XIV-Modeling and Simulation 2) Paper-XV-Regression Analysis (w.e.f.June-2012)
			IV	1) Paper-XIX-Operations Research 2) Paper-XX-Clinical Trials (w.e.f.June-2012)
School of Social Sciences				
5.	M.A.	A.I.H.C.&A	III	1) AIH-303-Philosophy and Religious Ideas in Ancient India 2) AIH-304-Political Ideas and Institutions in Ancient India 3) AIH-305-Introduction to Museology 4) AIH-306-Greater India 5) AIH-307-Ancient Societies 6) AIH-308-Research Methodology in Archaeology(w.e.f.-June-2014)
			IV	1) AIH-403-Philosophy and Religious History of Ancient India 2) AIH-404-Political Ideas and Institutions in Ancient India 3) AIH-405-Indian Museums 4) AIH-406-Ecology and Environment in Ancient India (w.e.f.June-2014)
6.	M.Ed.	Education	I	1) Comparative Education. 2) Educational Measurement of Evaluation. 3) Population Education and Health Education. 4) Special Education. 5) Curriculum Development.
			II	1) Environmental Education. 2) Guidance and Counseling. 3) Management, Planning and Financing of Education. 4) Value Education. 5) Distance Education.

b. Enrichment courses

Few schools have enrichment courses that are conducted through EDUSAT. These courses are sponsored by IIT, Powai and Indian Institute of Remote Sensing, Dehra dun. The courses are conducted in virtual classrooms of School of Computational Sciences and School of Earth Sciences. The courses are value added courses and certificates are given by the sponsoring agencies. The value added courses are Geoweb Services- Technology & Applications, Microwave(SAR) Remote Sensing for Natural Resources and Basics of remote sensing, GIS & GNSS.

c. Courses offered in modular form

No course is offered in modular form.

However, the University has planned for modular courses in the near future.

d. Credits accumulation and transfer policy

Credit System is adopted by the University at present. Further, credit system and Cumulative Grade Point Average (CGPA) System of evaluation has been introduced in all PG departments on campus and the same is implemented at UG level in affiliated colleges of the University. However, credit accumulation and transfer of the same is being considered for implementation over next few years.

e. Lateral and vertical mobility within and across programs, courses and disciplines.

- Graduates of appropriate Faculty prefer PG courses in same Faculty. However, Lateral mobility is availed by some graduates.
- Science graduate in any subject can enroll in Environmental Science program.
- Science graduate with Mathematics/Statistics subject and Commerce graduate can enroll in M.A. Applied Economics program.
- M.Sc. Geo informatics course is open for students with M.A. in Geography.
- Graduate in any discipline can enroll in M.A. Rural Development, Journalism and Mass Communication and A.I.H.C. and A. programs.
- Graduates in Science and Commerce faculties can enroll in M.A. programs by qualifying change in faculty examination.

1.2.3 Does the University have an explicit policy and strategy for attracting international students?

No. However, the University has a proposal to establish an International Students Centre in the sprawling 482 acres campus.

1.2.4 Have any courses been developed targeting international students? If so, how successful have they been? If 'no', explain the impediments.

No special courses for targeting international students are developed by the University. However, the University desires to have students from other countries in future.

1.2.5 Does the University facilitate Dual Degree and Twinning Programs? If yes, give details.

No.



1.2.6 Does the University offer self-supporting programs? If yes, list them and indicate policy of admission, fee structure, teacher qualification, salary etc.

Yes.

The following self-supporting courses are offered by the University on the campus.

- M.Com. : Under School of Commerce and Management
- M.Ed. : Under School of Education

The fee structure of these courses is decided by fee fixation committee. Admissions of these courses are done on the merit basis through entrance examination and in conformity with policy of the State Government. Teacher recruitment is as per the qualifications prescribed by UGC/NCTE and their salaries are on consolidated basis and are borne from University funds.

1.2.7 Does the University provide the flexibility of bringing together face to face mode and the distance mode of education and allow the students to choose and combine the courses, they are interested in? If yes, give details.

No.

However, University provides facility to complete UG/PG courses in Arts and Commerce faculties as external student.

1.2.8 Has the University adopted CBC System? If yes, for how many programs? What efforts are made by the University to encourage the introduction of CBCS in affiliated colleges?

Choice Based Credit System is not adopted by the University at present. However, from the academic year 2010-11, Credit and Cumulative Grade Point Average (CGPA) System of evaluation has been introduced in all PG departments on campus and the same is implemented at UG level in affiliated colleges of the University. The CBC system will be implemented in over next few years.

1.2.9 What percentage programme are offered by University in Annual System, Semester System, Trimester system?

- 100% UG and PG programs offer semester system.
- 100% M. Phil. and Ph.D. programs offer annual pattern of examination. The University has decided to implement semester pattern of examinations in M.Phil. and Ph.D. programs from the ensuing academic year.
- No trimester system is in operation.



1.2.10 How does the University promote inter-disciplinary programme? Name a few and comment on their outcome?

The University has adopted policy to encourage inter-disciplinary courses. A few programs with inter-disciplinary study are:

M.Sc.: Materials Science, Environmental Science and Geo informatics

M.A.: Journalism and Mass Communications, A.I.H.C.&A, Applied Economics and Rural Developments.

Outcomes of such programs encourage research in new areas of applied science, social science and such programs increase in employability of post-graduates students.

1.3 Curriculum Enrichment

1.3.1 How often is the curriculum of the university reviewed and upgraded for making it socially relevant and /or job oriented / knowledge intensive and meeting the emerging needs of students and other stakeholders?

According to Maharashtra Universities Act 1994, Boards of Studies (BOS) are constituted for different subjects to frame the syllabus for UG and PG courses. Normally, the syllabus is revised after every three years by the BOS and then implemented after approval by Academic Council. The suggestions of the members of BOS from affiliated colleges are also considered while revising UG syllabus.

1.3.2 During last four years, how many new programs at UG/PG level were introduced? Give details.

The Faculty of Commerce and Management has commenced M.Com course on the campus during the year 2011-2012.

1.3.3 What are the strategies adopted for the revision of the existing programs? What percentage of courses underwent syllabus revision?

The syllabus is regularly revised every three years in the light of regional, national and global changes and innovations. 100% of the PG courses had major syllabus revision in the last five years.

Total No. of Courses Run by University	No. of courses due for Revision	No. of courses Revised
138	138	137

1.3.4 What are the value added courses offered by the University and how does the University ensure that all students have access to them?

Few schools have value added courses that are conducted through EDUSAT. These courses are sponsored by IIT, Powai and Indian Institute of Remote Sensing, Dehra Dun. The courses are conducted in virtual classrooms of School of Computational Sciences and School of Earth Sciences. The course certificates are given by the sponsoring agencies.



1.3.5 Has the University introduced any higher order skill development programme in consonance with national requirements as outlined by the National Skill Development Corporation and other agencies?

No.

1.4 Feedback System

1.4.1 Does the University have a formal mechanism to obtain feedback from students. Regarding the curriculum and how is it made use of?

A formal mechanism to obtain feedback on curriculum from students has been introduced from the academic year 2013-14. Feedback on curriculum is obtained from teacher participants, outside experts during workshops/seminars, campus placement companies, industry and alumni. Analysis of the feedback is used while designing the course structure.

1.4.2 Does the University elicit feedback on curriculum from national and international faculty? If yes, specify methods such as conduct of webinars, workshops and online discussions and its impact.

The proposed curricula are displayed on University website inviting comments from the scientists, teachers and students. After obtaining their feedback and suggestions final draft is prepared and placed for approval of the Faculties and Academic Council. The sanction accorded programs are implemented in the ensuing academic year.

No. At present University does not elicit feedback on curriculum from national and international faculty.

1.4.3 Specify the mechanism through which affiliated institutions give feedback on curriculum enrichment and the extent to which it is made use of.

Teachers from affiliated colleges are members of Board of Studies, and Academic Council. Hence, they are closely associated with the changes in curricula. Analysis of the feedback is used while designing the course structure.

1.4.4 What are the quality sustenance and quality enhancement measures undertaken by University to ensure effective development of the curriculum?

- All the departments in the University have accepted semester pattern of examinations and Credit System with CGPA. The structure of courses and curricula has been revised accordingly.
- The revised curricula have been designed as per guidelines of UGC.
- Choice of elective courses has been made available to the students (Please refer 1.2.2 a.).
- While framing the syllabus the local and regional needs are considered.
- While framing the curriculum, global changes, recent trends and innovations are taken into consideration.
- Papers on Research Methodology, Information and Communication Technology (ICT) are introduced in M.Sc. course in School of Earth Sciences. Paper publication and presentation in National and International seminars are given weightage in the curriculum of Earth Sciences from the academic year 2015-16.



Criterion – II

**Teaching, Learning
and Evaluation**

CRITERION II – TEACHING, LEARNING AND EVALUATION

2.1 Student Enrolment and profile

2.1.1 How does the University ensure publicity and transparency in the admission process?

- **Publicity:** The University ensures publicity in the admission process. The admissions to post graduate courses in the University and in the affiliated colleges are made through the entrance examinations. University publishes an admission notification in daily news papers (English / Marathi news papers) in the month of May every year. It is also displayed on University Website. The notification consist the eligibility criteria for various courses. University authority constitutes admission committee for every School / Department for conducting centralized admission process for PG courses on the University campus and in the affiliated colleges.

The students are encouraged to apply online for the entrance examinations to be held in various centres at the affiliated colleges and colleges of other University. The whole process of admission is carried out online and the students are able to access the process on the University website.

There is a separate online admission process for M.Phil. and Ph.D. courses administered through PG BUTR and Departmental Research Committees (DRC). Admission notification along with detailed schedule of entrance examination is notified in daily news papers as well as on University website.

- **Transparency:** In order to bring transparency, information containing general merit list, category and other relevant matter are posted on University website and schools notice board. Substantial time is given to report the discrepancies, if any. The final merit list along with information regarding candidates to be called for counseling is displayed on University website. Each round of admission, students are given information about admission procedure, facilities available in the concerned Schools and University, course structure and placement opportunities etc.

2.1.2 Explain in detail the process of admission put in place by the University. List the criteria for admission: (i) merit, (ii) merit with entrance test, (iii) merit, entrance test and interview, (iv) common entrance test conducted by state agencies and national agencies (v) other criteria followed by the University (please specify).

- **Process of Admission:** The admission committee is constituted for PG admissions in the various schools / departments which conduct at least two centralized admission rounds. The seats that remain vacant in the first two rounds are filled-in by conducting spot admission thereafter. University closes admission process after spot admissions.
 - * Admission to post graduate courses in the affiliated colleges / institutions and University departments are strictly based on
 - * Eligibility criteria as prescribed by the University from time to time.
 - * Reservation rules as prescribed by the State Government from time to time.



- * While preparing the merit list for admission the marks of the final year degree course are considered.
- * In preparing the merit list of the students to be admitted, the admission committee considers the marks obtained in the principal subject at the third year examination. In case there are two or more students with same marks, the total marks obtained by these students at part-I, II and III examination are considered. Even after this if the student continues to obtain equal marks, the marks secured by the students in the second year examination in the same subject are considered.
- **Merit:** University follows strict norms of admission on merit basis. Students from open category should score minimum 40% marks in entrance test and 5% relaxations for candidates belonging to reserve categories.
- **Merit with entrance Test:** All PG courses offer admission on the basis of third year marks and entrance test on 50:50 weightage basis.
- **Merit, Entrance test and Interview:** For M.Phil. and Ph.D. Courses, University offers admission on the basis of PG merit and entrance test on 50:50 weightage basis and interview performance before DRC.
- **Common Entrance Test Conducted by state agencies and national agencies:** Students are admitted through common entrance test conducted by state agency, Director of Higher Education (DHE) for M.Ed. course.
- **Other Criteria:** Admission for courses conducted under Janvikas Kendra are offered on first come first serve basis.

2.1.3 Provide details of admission process in the affiliated colleges and the University's role in monitoring the same.

The admission process for the courses BBA/BCA/B.Sc. (entire computer science) run at the affiliated colleges is centralized at the University. The online applications for the entrance examinations are invited by giving notification in the local news papers and University website. Students are allotted to the colleges as per merit, category and their preferential order.

Admissions to the rest of the UG courses are offered by respective colleges according to University rules and regulations. The admission process is initiated and completed at the college level adhering strictly to the policy of merit and the reservation norms laid down by the Government of Maharashtra from time to time. Colleges admit students for various courses and the eligibility of students are verified and approved by the University.

Admissions for the post graduate courses under the faculty of science in the affiliated colleges follows centralized admission process conducted by the University as mentioned under points 2.1.1. and 2.1.2.



2.1.4 Does the University have a mechanism to review its admission process and student profile annually? If yes, what is the outcome of such an analysis and how has it contributed to the improvement of the process?

Yes.

The review is taken up in meeting of the HOD's under the Chairmanship of Hon'ble Vice Chancellor. Major issues are discussed and decisions are communicated to the concerned section for further implementation. Some of the important outcomes after analysis are implemented as follows.

- Online admission process has been initiated for the last two years.
- The admission committee performs the analysis of the difficulties encountered during the previous year. Rules and regulations are revised if needed for maintaining the quality and access to higher education. The University has implemented the minimum of 40 marks as passing percentage for open category and 5 % relaxation for the reserve categories.
- A carbon copy of OMR sheet of entrance examination is provided to the examinee and its answer keys are uploaded on the University website, a day after entrance examination.

Every University school / department submits the PG admission committee report to the University authority for its approval. The admission committees of every schools/departments strictly follow the eligibility criteria and rules framed by the University. The student's profile is maintained and it helps to modify admission process, if necessary in the ensuing years.

2.1.5 What are the strategies adopted to increase and improve access for students belonging to the various categories:

The University welcomes young students coming from rural and backward area of the region. They have brilliant minds, very well in few faculties and have innovative thinking. University needs to nurture them, allow them to grow by giving them the proper atmosphere. We do not need too many of them, even if we get a few, will help in growth of the education system and ultimately the growth of the country.

The University has inclusive policies for extending support to the socio-economic backward communities.

The University follows the rules for providing admission to reserved and unreserved category students as mentioned below.

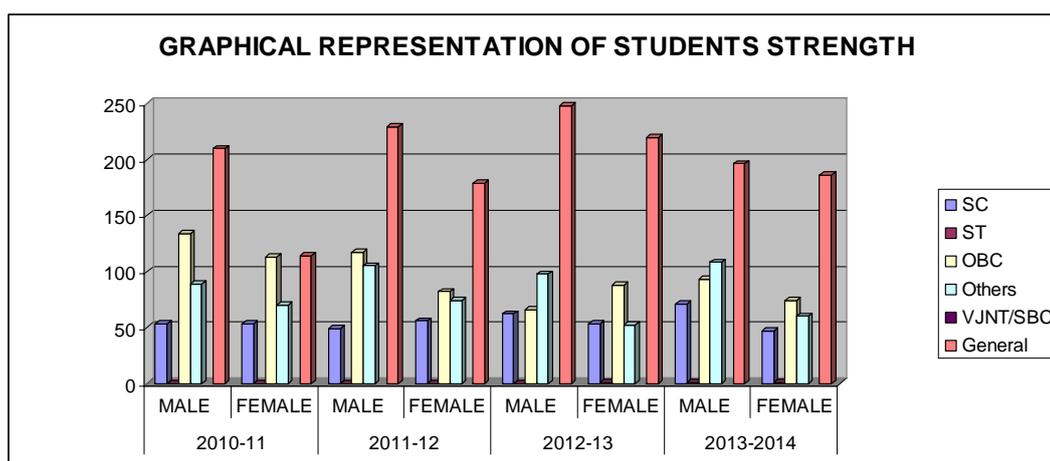
- **SC+ST** : 13+7%
- **DTNT** : 11%
- **OBC + SBC**: 19%
- **Women**: According to Government rules:
- **Persons with varied disabilities**: According to Government rules 3%
- **Economically weaker sections**: According to Government rules
- **Outstanding achievers in sports and other extracurricular activities**: 1 Seat reserved as per the Government rules
 - University implements remedial coaching and NET/SET workshop for SC/ST students
 - On priority basis hostel accommodation is provided to reserved category students.



The students are encouraged to seek admissions by providing various scholarships viz i) Government of India Scholarship ii) Ekalvyas scholarship iii) Rajiv Gandhi fellowship for research students iv) Departmental Research fellowship v) UGC junior research fellowship. The University gives wide publicity to the admission process by citing all types of University facilities and scholarships etc.

2.1.6 Number of students admitted in University departments in the last four academic years:

Categories	Year 1 (2010-11)		Year 2 (2011-12)		Year 3 (2012-13)		Year 4 (2013-14)	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	53	53	49	56	62	53	71	47
ST	--	--	--	--	--	01	01	01
OBC	134	113	117	82	66	88	93	74
Others VJNT/SBC	89	70	105	74	98	52	108	60
General	210	114	229	179	248	220	196	186
Total	486	350	500	391	474	414	469	368



2.1.7 Has the University conducted any analysis of demand ratio for the various programmes of the University departments and affiliated colleges? If so, highlight the significant trends explaining the reasons for increase / decrease.

Year	UG			PG			M. Phil.			Ph.D.		
	No. of Applica.	Admitted Students	Demand Ratio	No. of Applica.	Admitted Students	Demand Ratio	No. of Applica.	Admitted Students	Demand Ratio	No. of Applica.	Admitted Students	Demand Ratio
2010-11	4258	1876	1:2.26	2287	836	1:2.73	159	07	1:22.71	1743	332	1:5.25
2011-12	2620	1739	1:1.50	1818	891	1:2.04	247	28	1:8.82	1450	115	1:12.60
2012-13	2381	1891	1:1.25	1990	888	1:2.24	--	--	--	1426	282	1:5.05
2013-14	2036	1612	1:1.26	2181	837	1:2.60	54	23	1:2.34	1203	176	1:6.83

2.1.8 Were any programmes discontinued / staggered by the University in the last four years? If yes, please specify the reasons.

The following unaided academic programs (PG Courses) have been temporarily discontinued by the University as per Maharashtra Universities Act 1994 w.e.f. academic year 2013-2014, on account of poor response received from the students.

1. Master of Business Administration (w.e.f. 2013-14)
2. M. A. Education (w.e.f. 2013-14)
3. P. G. Diploma in Tourism (w.e.f. 2014-15)
4. P. G. Diploma in Museology (w.e.f. 2014-15)

2.2 Catering to Student Diversity

2.2.1 Does the University organize orientation / induction programme for fresher's? If yes, give details such as the duration, issues covered, experts involved and mechanism for using the feedback in subsequent years.

Yes.

The University commences the admission process at the beginning of the academic year. The prospectuses are available at the publication office. Hon'ble Vice-Chancellor gives message from his desk in the prospectus. The message includes apart from others, the challenges and facilities available in the University. The senior students organize a welcome function to the fresher's. Faculty members join the welcome function and advice the fresher's for a successful career in the University. The fresher's are exposed to the facilities available in the department, laboratories, library, hostel, instrumentation centre, health centre and post office, etc. The administrative staff helps the fresher's in giving information about the scholarships and financial assistances as per the norms of the University and Government of Maharashtra.

2.2.2 Does the University have a mechanism through which the "differential requirements of the student population" are analysed after admission and before the commencement of classes? If so, how are the key issues identified and addressed?

Yes.

The requirements of economically backward student population are analyzed with the help of class representative and ladies representative. Further, the students are grouped in small teams and teacher mentor is assigned to the team. The mentor looks after the academic and other related welfare activities. Various academic issues are resolved periodically through the meetings with the Directors/Heads of the Departments, Rectors and Co-ordinators under the Chairmanship of Hon'ble Vice-Chancellor. The Special Cell of the University assists for obtaining scholarships and benefits of reservation policies. The University's various administrative sections cater to the needs of the students.



2.2.3 Does the University offer bridge / remedial / add-on courses? If yes, how are they structured into the time table? Give details of the courses offered, department-wise/faculty-wise?

Yes.

The time scheduling of the bridge courses are made to suit the convenience of the teacher and students. The classes are conducted at the end of the day's schedule of regular courses. Further, holidays are utilized to complete the instructions of the bridge course.

The University offers bridge course for MCA which is as follows:

Faculty of Science: School of Computational Sciences:

Paper No.	Paper Name	University Exam Marks
I	Discrete Mathematical Structures	100
II	Operating System	100
Total Marks		200

2.2.4 Has the University conducted any study on the academic growth of students from disadvantaged sections of society, economically disadvantaged, physically handicapped, slow learners, etc.? If yes, what are the main findings?

Yes.

The University has conducted an exercise on the academic growth of the socially disadvantaged sections of the society and the gender distribution during the past four years. The findings are as follows:

The percentage of students from reserved categories admitted in the last four academic years is in the range of 52.70% to 61.24%. It indicates that the students from the reserved category are occupying the seats from the open merit. Further, it is interesting to note that the reserved category female percentage is in the range of 46.85% to 67.42%. It is observed that significant size of the reserved category female population entering in the higher education. Thus the Solapur University provides access and empowers the marginalized and peripheralized section of the region.

2.2.5 How does the University identify and respond to the learning needs of advanced learners?

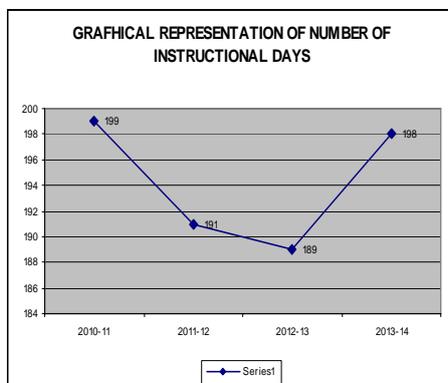
The academic Schools of University identifies the student's profiles that belong to the advanced learner group. The faculty members discuss the same in the departmental meeting and recommend the student having the inherent talent for their participation in competitive events such as National and International seminar, symposium, conference and the likes. The students are mentored by a teacher and nourished till their final participation. University provides for such students travel assistance, daily allowance, infrastructural support, registration fees, etc. Moreover, some advanced learners are guided in the area of their interest under a mentor scientist from research institutions and or industry of students liking. The scientist from research institutions is liaison through the in-house teacher.

The University has initiated a scheme for providing books worth of Rs. 2500 for advanced learners. The scheme is for 8 students in each School and a separate budget provision are made by the University for every academic year.



2.3 Teaching-Learning Process

2.3.1 How does the University plan and organize the teaching, learning and evaluation schedules (academic calendar, teaching plan, evaluation blue print, etc.)?



Academic Calendar: Every School on the University campus prepares time table and academic calendar for semesters in the beginning of the academic year. The academic year begins in the month of June/July and ends in the month of April/May. Each semester consists of minimum 90 instructional days (i.e. 180 instructional days every year). University has adopted credit system with CGPA for the courses.

The regular teaching is performed strictly according to the time table.

Teaching Plan: The Faculty members of the departments decide the papers to be taught in the semester, during departmental meeting. The syllabus coverage is regularly monitored by the Heads of the Departments. The syllabus is divided in four credits. Each of the credit has to be completed in four weeks duration. Extra classes are conducted by the teachers, if necessary. Specialized topics of the syllabus are covered during special lectures delivered by the experts in the field. The experts from various institutions are identified at the beginning of the year and the sanction of inviting the experts is accorded by Hon'ble Vice-Chancellor.

Evaluation Blue Print: Students are continuously evaluated during the semester. The evaluation is carried out thrice in a semester for a total of 30 marks for each paper of the semester. The evaluation mode ranges from conducting seminars, home assignments and unit tests consisting of objectives and subjective questions on an announced date. The project work and dissertation are evaluated at the end semester examinations. The end semester external examinations are for 70 marks for each paper and are evaluated by internal and external examiners. The evaluation is a continuous one and the passing head are separate for internal and external examinations.

2.3.2 Does the University provide course outlines and course schedules prior to the commencement of the academic session? If yes, how is the effectiveness of the process ensured?

Yes.

The University updates and publishes the prospectus for the admission process in each academic year. The prospectus provides the following information to the students before the admission. 1: The number of courses along with its nomenclature and intake capacity 2 : Eligibility to seek admission to the courses 3: The course structure 4: The list of teaching staff and 5: The evaluation process. The school provides the syllabus and academic calendar of the respective courses to the students along with the list of reference books and reputed scientific journals, prior to the commencement of the academic session. The effectiveness of the process is

complied by the teacher, monitored by the Heads of the Departments and Directors of various Schools. Further, the problems encountered are solved by the Director, Board of College and University Development.

2.3.3 Does the University face any challenges in completing the curriculum within the stipulated time frame and calendar? If yes, elaborate on the challenges encountered and the institutional measures to overcome these.

Normally, the curriculum is completed within the scheduled time frame, teaching plan and academic calendar. The unforeseen events- General and State Elections, Festivals falling on week days, Youth Festivals, Study and Field Tours, etc.- are the bottle necks in completion of the curricula. In such circumstances extra lecturers are conducted. Further, in the event of excess work load the University authorities bail out the schools by way of recruiting additional staff on contractual and or clock hour basis (CHB).

2.3.4 How is learning made student-centric? Give a list of participatory learning activities adopted by the faculty that contributes to holistic development and improve student learning, besides facilitating life-long learning and knowledge management.

The University provides free internet access in the computer laboratories to all the students. The University departments organize the unit test and seminars, e-learning, in-plant training, field visit, industrial visit and e-governance, Youth festival NSS, environmental awareness etc. in each semester. The University arranges group discussions and lectures on personality development which are monitored by the teaching faculty.

2.3.5 What is the University's policy on inviting experts / people of eminence to deliver lectures and/or organize seminars for students?

University authorities encourage every School/Department to invite experts, people of eminence to deliver lectures. The list of invited speakers is submitted by the department for approval of Hon. Vice Chancellor. After the approval the eminent scientists are invited to match the academic schedule.

The University makes a budget provision for the guest lecturers in the University budget every year. They are paid travel, daily allowance and special honorarium as per the University rules. The experts are identified based on the curriculum. The experts are National scientists, Bhatnagar and Padmashree awardees, National Professors, DST and CSIR Scientists, Emeritus Professors, Adjunct Professors, etc.

2.3.6 Does the University formally encourage blended learning by using e-learning resources?

Yes.

University encourages blending learning by using e-learning resources. e-resources of the library are J-Gate and inflibnet. The laboratories and classrooms of few schools are provided with virtual classroom facilities. A teacher can access any of the e-journal and accordingly accomplish his/her teaching learning requirements. The LCD with internet facility is provided in class rooms in each school.



2.3.7 What are the technologies and facilities such as virtual laboratories, e-learning, open educational resources and mobile education used by the faculty for effective teaching?

The faculty members of the school avails LCD facilities for effective teaching. The School of Earth Sciences and School of Computational Sciences conduct online add on courses. The faculty members have been provided the facility of J-Gate and INFIBNET in the University library. Open educational resources are used by the faculty and students for teaching and learning.

2.3.8 Is there any designated group among the faculty to monitor the trends and issues regarding developments in Open Source Community and integrate its benefits in the University's educational processes?

No formal designated group of faculty is constituted. However, few teachers monitor virtual classes conducted and telecasted via Edusat.

2.3.9 What steps has the University taken to orient traditional classrooms into 24x7 learning places?

The University provides a study room 24x7 for the students during the examination period. The Central Library operates on extended hours in the said period. The books are issued to the students from departmental library and classrooms are allotted for students as study rooms. The University has a separate study center in the heart of the city. Additionally, the School designates a room for students to study and prepare for examinations. The library of the schools is entrusted to the faculty members for coordinating with the students who need books for their preparation. Similarly, the school facilities are open for the research scholars. Thus the University campus has a student savvy environment for higher learning and a happening place to live in.

2.3.10 Is there a provision for the services of counselors / mentors/ advisors for each class or group of students for academic, personal and psycho-social guidance? If yes, give details of the process and the number of students who have benefitted.

Yes.

Counseling facilities offered at the time of admission enlighten the students on selection of courses, progression and placements. The admitted students are grouped in small teams of 6 to 8 depending on the student strength. The teaching staff is allotted the team who monitor their personal, social, cultural, academic, etc. aspects. University placement cell offers the guidance related to various opportunities. The inmates of the hostels are mentored by seniors and hostel rectors. The University has made provision for lectures on psychology by medical psychologist to all the students. The University has appointed a full time medical practitioner on the University campus.



2.3.11 Were any innovative teaching approaches/methods/practices adopted/put to use by the faculty during the last four years? If yes, did they improve learning? What were the methods used to evaluate the impact of such practices? What are the efforts made by the institution in giving the faculty due recognition for innovation in teaching?

Yes.

The faculty members of the schools use power point presentations, LCD facilities and e- source for teaching the first time learners. It is experienced by the faculty that the use of Technology Enhanced Learning (TEL) approaches improve learning and the students are getting more information about the recent developments in academic and research fields in the subject concerned.

University provides the facilities like computers, LCD projectors, internet connections etc as Technology Enhanced Learning (TEL) and ICT to the faculty members for adopting innovative instructional methods. These help in completion of syllabus in time and provide extra time to conduct revision and remedial counseling. The digital divide, between those that have good access to ICT and those who do not, requires close monitoring and the same is achieved by putting rapid exercises on TEL mode. The University has realized that such practices help in reducing the teaching and preparatory time for the teacher and the taught. Thus the overall performance of the students enhances. The achievements are recognized by the Head of the Department and are inked in the Self Appraisal Report of the faculty. Hon'ble Vice-Chancellor felicitates and honors the teachers on the eve of Teachers Day and Guru Pournima every year. The University has instituted the Best Teacher Award for the University teachers. The University encourages its teachers to be a role model and instill them to be a recipient of State and National Awards as Best Teacher.

2.3.12 How does the University create a culture of instilling and nurturing creativity and scientific temper among the learners?

Creativity and scientific temper are instilled and nurtured through some of programs as mentioned below.

Avishkar, Welcome programme, Celebration of occasion of various days – Teachers day, Education day, International Women's day, National Science day, Environmental day, Earth day, Ozone day, National Youth day, etc. Water conservation awareness campaign through Rain Water Harvesting and CCT structures. Further, the University creates scientific temper among the students by organizing invited talks of the resource persons from other universities and institutions and also encourages the students for attending conferences / seminars, workshops and summer/winter training in institutes of national repute through coordinated efforts of faculty and scientists.

2.3.13 Does the University consider student projects mandatory in the learning programme? If yes, for how many programmes have they been (percentage of total) made mandatory?

Yes.

100 % of the courses have mandatory project work. The post graduate students in various schools undertake short term (03 to 04 weeks duration) project work in the department, research institute or inplant training in industries, during final semester. Teacher monitors their project work with collaboration of scientists at R and D Institutes and Industries. The outcomes of the project are utilized for research paper presentation and publication.

* **Number of projects executed within the University** – 100 % students

* **Names of external institutions associated with the University for Student Project Work**

The list of research institutes and chemical industries, associated for project work, is given below

- i) National Chemical laboratory, Pune
- ii) Centre for Materials Electronics and Technology (C-MET), Pune
- iii) Balaji Amines, Osmanabad
- iv) Smruti Organics, Solapur
- v) Avion Laboratories, Solapur
- vi) Mega Core Pvt.Ltd., Kolhapur
- vii) Department of Electronic Science University of Pune.
- viii) ncnRc Centre Ambarnath, Mumbai.

- ix) Endwear Software Technology, Bangalore
- x) Aptec Limited, Pune
- xi) Akanksha software Ltd, Pune
- xii) National Geophysical Research Institute (NGRI), Hyderabad
- xiii) National Institute of Oceanography (NIO), Goa
- xiv) Indian Institute of Remote Sensing, Dehradun
- xv) Maharashtra Academy of Caltivational Science, Pune

* **Role of faculty in facilitating such projects**

The faculty members of the University play mentor role in facilitating such projects. They encourage the students for projects/in-plant training by monitoring and evaluating the work done by the students.

2.3.14 Does the University have a well qualified pool of human resource to meet the requirements of the curriculum? If there is a shortfall, how is it supplemented?

Yes.

The University is meticulous in selecting faculty members who can create a learning centered campus. The challenges, however, vary from faculty to faculty in creating such a campus that necessitates knowing how students learn, understand the barriers to learn, developing classroom techniques that promote learning and simultaneously update in their subject domain and general awareness, to continuously contribute to the global learning curve. Therefore, University has well qualified pool of human resources which have attained all the pre-requisites according to the rules of UGC Regulations-2010 and Government of Maharashtra rules implemented from



time to time, to meet the requirements of the curriculum.

The University appoints additional qualified teaching staff (Assistant Professors on contract basis) for every academic year to meet extra work load of the P. G. courses. Departmental Research Scholars are allowed to help in teaching for a maximum of 4hrs. / Week.

2.3.15 How are the faculty enabled to prepare computer-aided teaching/ learning materials? What are the facilities available in the University for such efforts?

Each school on the University campus is having computer laboratory provided with internet facilities in order to prepare computer-aided teaching and learning materials. Faculties are provided with personnel computers with internet facilities in the work place. Further, University extended interest free loan with the help of Central Bank of India to over 100 staff members for purchase of laptop/desktop for their professional improvement. Department of Journalism and Mass Communication has media lab facilities costing over Rs. 1 Lakh.

2.3.16 Does the University have a mechanism for the evaluation of teachers by the students / alumni? If yes, how is the evaluation feedback used to improve the quality of the teaching-learning process?

Yes.

Each school on the University campus has its Alumni Association. The feedback is obtained confidentially. The merits and demerits of the course and teachers of the course are analyzed and informed to the concerned. The suggestions for improvement offered by the students, in connection with academic and research activities, are complied by the school for quality improvement of teaching-learning processes.

2.4 Teacher Quality

2.4.1 How does the University plan and manage its human resources to meet the changing requirements of the curriculum?

The university authorities' calculate the total teaching work load of each school as per the UGC and State Government norms and accordingly sanctioned post are advertised and filled. Thus the human resources are planned and managed as per need and demand of the curriculum.

The newly appointed faculty is given induction training by the expert resource persons drawn from teachers education. The faculty members are deputed to attend orientation/refresher courses. The teachers are motivated and encouraged to participate and present their research findings in national and international conferences, seminars, workshops, etc. The University encourages and sponsors the organization of the above said events. The self appraisal reports are the radars of their performance in teaching, research, extension and administration. Accordingly the University nurtures and harnesses its human resources to meet the changing requirements of the curriculum

2.4.2 Furnish details of the faculty

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D.Sc./D.Litt.	--	--	--	--	--	--	--
Ph.D.	06	--	07	--	03	01	17
M.Phil.	--	--	--	--	01	--	01
PG.	--	--	--	--	08	01	09
Temporary Teachers							
Ph.D.	--	--	--	--	02	02	04
M.Phil.	--	--	--	--	02	--	02
PG.	--	--	--	--	09	12	21
Part-Time Teachers							
Ph.D.	--	--	--	--	--	--	--
M.Phil.	--	--	--	--	--	--	--
PG.	--	--	--	--	--	--	--

* On lien to Deputy Director, Puratatva Vastu Sangrahalaya Sanchalanalay, Mumbai.

2.4.3 Does the University encourage diversity in its faculty recruitment? Provide the following details (department /school-wise).

Yes.

The University encourages diversity in its recruitment which is reflected in the table given below.

Department / School	% of Faculty from the same University	% of faculty from other universities within the State	% of faculty from universities outside the State	% of faculty from other countries
School of Chemical Sciences	Nil	100%	Nil	Nil
School of Physical Sciences	Nil	100%	Nil	Nil
School of Earth Sciences	Nil	72%	28%	Nil
School of Computational Sciences	Nil	86%	14%	Nil
School of Social Sciences	Nil	86%	14%	Nil

2.4.4 How does the University ensure that qualified faculty are appointed for new programmes / emerging areas of study (Bio-technology, Bio-informatics, Materials Science, Nanotechnology, Comparative Media Studies, Diaspora Studies, Forensic Computing, Educational Leadership, etc.)? How many faculty members were appointed to teach new programmes during the last four years?

University follows the eligibility criteria and educational qualification as prescribed by the UGC for the appointment of the faculty for new programs. However, University has not appointed any new faculty to teach academic programs under emerging areas of study (Materials Science, nanotechnology, educational leadership etc).

2.4.5 How many Emeritus / Adjunct Faculty / Visiting Professors are on the rolls of the University?

Nil

The University IQAC has suggested for having Emeritus / Adjunct Faculty / Visiting Professors in the ensuing years on the rolls of the University.

2.4.6 What policies/systems are in place to academically recharge and rejuvenate teachers (e.g. providing research grants, study leave, nomination to national/international conferences/ seminars, in-service training, organizing national/international conferences etc.)?

The University has adopted policy to academically recharge teachers by (i) granting duty leave for faculty for attending conferences, seminars, workshops, trainings, etc. (ii) Sanctioning on duty leave for attending in-service training programs like refresher courses or orientation courses etc. (iii) University has special grants for organizing national and international conferences, seminar etc.

2.4.7 How many faculty members received awards / recognitions for excellence in teaching at the state, national and international level during the last four years?

Five faculty members received two national and six state level awards :

Prof. N. N. Maldar “Bharat Jyoti Award”, New Delhi; Certificate of Excellence for; Meritorious Services, Outstanding Performance, Achievements, Contributions and Remarkable Role, March 2012.

Prof. N. N. Maldar Lokmat National Education Leadership Award; for outstanding contributin to Education-13th Feb. 2014.

Prof. P. G. More, faculty member of the School of Chemical Sciences, is a recipient of Best Teacher Award at State Level for 2009-10 conferred by the Government of Maharashtra.

Prof. P. B. Joshi, faculty member of the School of Physical Sciences, is a recipient of Best Teacher Award at State Level for 2010-11 conferred by the Government of Maharashtra.

Prof. L. P. Deshmukh, faculty member of the School of Physical Sciences, is a recipient of Lokmangal Shikshakratna Multistate Purskar for 2012-13 conferred by the Lokmangal Udyog Samooh.

Prof. L. P. Deshmukh, faculty member of the School of Physical Sciences is selected as Fellows of Maharashtra Academy of Science, Pune.



Prof. S. S. Suryavanshi, faculty member of the School of Physical Sciences, is a recipient of Lokmangal Shikshakratna Multistate Puraskar for 2013-14 conferred by the Lokmangal Udyog Samooh.

Prof. S. S. Suryavanshi, faculty member of the School of Physical Sciences is selected as Fellows of Maharashtra Academy of Science, Pune.

2.4.8 How many faculty underwent staff development programmes during the last four years (add any other programme if necessary)?

Academic Staff Development Programs	Number of faculty
Refresher courses	02
HRD programs	--
Orientation programs	06
Staff training conducted by the University	--
Staff training conducted by other institutions	02
Summer / Winter schools, workshops, etc.	--

2.4.9 What percentage of the faculty have

- * Been invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies?
66%
- * Participated in external Workshops / Seminars / Conferences recognized by national / international professional bodies?
100%
- * Presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies?
100%
- * Teaching experience in other universities / national institutions and other institutions?
66%
- * Industrial engagement?
Nil
- * International experience in teaching?
Prof. N. N. Maldar, had been visiting Professor at Hanyang University, Seoul, South Korea. (March to June 2009)
Prof. L. P. Deshmukh was invited by Xing Jiotong University, Xing, China (2 weeks – May, 2011) and Management University, Singapore. (2 weeks – August, 2012)

2.4.10 How often does the University organize academic development programmes (e.g.: curriculum development, teaching-learning methods, examination reforms, content / knowledge management, etc.) for its faculty aimed at enriching the teaching-learning process?

University organizes various academic development activities. These are as follows:

- Curriculum revision is carried out every three years.
- Induction programs for new entrants after the appointments.
- Examination reforms as per the Government of the Maharashtra rules and regulations.



- Content and knowledge of the curriculum is enriched through Library e-resource and publication.
- The grant is provided to the affiliated colleges/university schools for organizing workshop seminars etc. to understand effective implementation of the revised syllabi.

2.4.11 Does the University have a mechanism to encourage Mobility of faculty between universities for teaching?

Yes.

The University encourages the faculty to deliver lectures in other Universities and Institutes by providing them duty leave. Further, the University also encourages its teaching staff as resource persons in refresher courses at academic staff colleges of other universities and institutions.

Faculty exchange programs with national and international bodies?

No.

However, the University proposes MOU with other institutions in which the teachers are expected to have mobility.

If yes, how have these schemes helped in enriching the quality of the Faculty?

2.5 Evaluation Process and Reforms

2.5.1 How does the University ensure that all the stakeholders are aware of the valuation processes that are operative?

The regulations, curricula and syllabi of all the programs offered by the University are available on University website. The regulations contain the details of the evaluation processes. Further, the office of the Controller of Examinations has a manual on the conduct of examinations and copies are provided to all the stakeholders and maintain transparency. The panel of examiners is recommended by u/s 32(5)(a) committee for paper setting, assessment and moderation. The examination papers are evaluated by the examiners appointed by Controller of Examinations. In case of doubts about the evaluation process, the students can apply for verification and reevaluation in which the student may ask for photocopy of answer book. At the time of evaluation process screening and moderation of answer book are done as per ordinance.

2.5.2. What are the important examination reforms initiated by the University and to what extent have they been implemented in the University departments and affiliated colleges? Cite a few examples which have positively impacted the examination management system reforms

- The Universities which are good University are the once that have done experiment with the examination system. Solapur University has done so, as written test which constitutes 70% of the marks. Rest of it is done as home assignment, seminar evaluation and term paper, etc. which constitute 30% of the marks. It gives a student opportunity to be creative and also enrich the academic performance. The major examination reforms that are initiated by the University are:



- The Government of Maharashtra appointed committee under the chairmanship of Shri. Agarwal, Secretary to the government to study the present system and recommend the reforms needed. As per the report received from this committee, the University implemented 1. CGPA 2. Semester pattern 3. Examination reforms.
- The credit system with CGPA for P.G. courses in University Campus has been introduced from the academic year 2010-2011.
- The credit system with CGPA for U.G. courses in University Affiliated Colleges has been introduced from the academic year 2014-2015.
- Initiative is under way for the implementation of total e-governance for the successful conduct of examinations. In this connection, online data acquisition pertaining to students profile, attendance and internal assessment marks and registration for the end semester examinations is implemented. Online secured question paper delivery to various examination centres is being implemented on pilot project basis for MCA course.
- Further, it is proposed to acquire/generate online the following information.
 - Registration of elective subjects
 - Examination absentees statement
 - Registration for re-evaluation
 - Registration for review
 - Generation of Hall Ticket, nominal roll (Register number and Subjects registered) and attendance for the end semester examinations.
 - Appointment of University representatives, internal and external examiners for central valuation/ re-evaluation and
 - To prepare electronic question bank for the common subjects and utilize for electronically generating the question paper.
 - OMR based entrance exams are conducted.

2.5.3 What is the average time taken by the University for Declaration of examination results? In case of delay, what measures have been taken to address them? Indicate the mode / media adopted by the University for the Publication of examination results (e.g. website, SMS, email, etc.)

- For the affiliated colleges, the average time taken by the University for declaration of examination results is 45 days from the last date of the examination. The maximum of 45 days is a mandate of Maharashtra Universities Act, 1994. However, due to paucity of teaching faculty for certain papers the results of few courses are delayed.
- The results are announced through Solapur University website and results of individual students are made available in their individual login.
- For the University departments, the examination results are declared earlier than stipulated 45 days.

- The following table shows timely declaration of results, for April/May 2014 examinations.

Total Number of examinations held	Total Number of result declared within 30 days	Total Number of result declared within 45 days	Total Number of result declared after 45 days	Total Number of result yet to be declared	Number of examination yet to be conducted if any
260	135	95	30	NIL	NIL

2.5.4. How does the University ensure transparency in the evaluation process? What are the rigorous features introduced by the University to ensure confidentiality?

1. The safety and confidentiality of the question paper received is ensured by keeping the question papers in a strong room. The confidentiality of question paper is maintained by obtaining three sets of manuscripts from the panel of examiners. One of the three manuscripts is selected and sent for printing at a confidential press. The sealed question paper packets are collected and distributed to examination centres.
2. Assessment and evaluation is carried out in central assessment program centres identified by the University. The Answer scripts are subjected to mixing, shuffling and coding before evaluation. After the evaluation, the codes are encrypted and the marks are entered in the computer system.
3. The results are declared in the scheduled time frame on the University website.
4. In case of end semester examinations, the students are allowed to get the Photocopy of the answer script. The aggrieved students are permitted to apply for the re-evaluation of the answer scripts as per rules.
5. The students are permitted to review the result of the re-evaluation.

2.5.5 Does the University have an integrated examination platform for the following processes?

Yes.

Solapur University has integrated examination platform for conducting the examinations with sanctity. The University is using digital University frame works develop by MKCL. Examinations processes are integrated under e-suvdha.

- There is a database containing the examination related information of all the student appearing for the semester examination. This database helps in generating the time table, students list, attendance sheet, hall ticket and OMR sheets. Vigilance squad is appointed by the University for maintaining the sanctity of the examinations.
 - From the database, the requirement of examination materials is obtained and the logistic arrangements are made based on the information arrived.
1. **Pre-examination process** – Time table generation, OMR, student list generation, invigilators, squads, attendance sheet, online payment gateway, etc.



2. **Examination process** – Examination material management, logistics, etc.
3. **Post – examination process** – Attendance capture, OMR-based exam result, auto processing, generic result processing, certification, etc. Declared results are available on University website and also provided to concerned colleges, along with mark list to individual students. Students have facility to recheck / recounting of marks and revaluation process. Successful candidate immediately get passing certificate. Degree certificates are conferred at convocation.

2.5.6 Has the University introduced any reforms in its Ph.D. evaluation process?

1. The University evaluates the Ph.D. thesis as per the provisions laid down in the UGC M.Phil., Ph.D. regulation 2009.
2. It is mandatory to pass the Pre Ph.D. course work examination before submitting the Ph.D. thesis.
3. Student has to submit a spiral bound copy of his research work and present before the DRC for Pre submission scrutiny.
4. After successful scrutiny by DRC, Students are permitted to submit their final Ph.D. thesis.
5. For the assessment of the submitted thesis the panel of referees is recommended by RRC, approved by BUTR and finalized by Hon'ble Vice Chancellor. The Soft copy of the thesis is send to the examiners in the form of CDs and the adjudication report of the same is accepted through e-mail. Further, after obtaining positive reports from the referees for the award of Ph.D., an open defence Viva-voce is conducted wherein candidate has to explain and defend the research work. Thereafter, declaration of results is made after verification of published research paper in a peer reviewed journal with impact factor.

2.5.7 Has the University created any provision for including the name of the college in the degree certificate?

Yes.

The University Authorities, Board of Examinations (BOE) and Management Council (M.C.) have recently granted approval to include the name of the college in the degree certificate vide its resolution number 2 and 7(1) dated 29/10/2014 and 03/11/2014 respectively.

2.5.8 What is the mechanism for redressal of grievances with reference to examinations?

- There is a mechanism for redressal of grievances. Under University ordinance there is a provision for verification of marks. A photocopy of the answer-books is provided as per the request of the student. The student appeals for revaluation giving his/her justification. Later, the answer script is reevaluated by the examiner appointed by the COE. If the marks awarded by the subsequent examiner exceed by 10% or more the change is affected. If marks are less than 10% no change is affected. The result of revaluation is declared on the University website.
- Other complaints and queries are addressed by the separate committee.



2.5.9 What efforts have been made by the University to streamline the operations at the office of the Controller of Examinations? Mention any significant efforts which have improved the process and functioning of the examination division/ section.

- The University has digitized all the process of the examinations.
- The University has software for the management of CAP. The software provides coding and decoding of the marks allotted to the students by the examiner. It also maintains the attendance and keeps record of the number of answer sheets evaluated by the concerned examiner and moderator. The software sends a reminder message to the concerned examiners college, if needed.
- The internal assessment marks obtained in softcopy from colleges and University examination marks entered by the examiners in the OMR sheets are scanned and the database of all the student's marks is obtained.
- CCTV camera is installed for security & monitoring the activities in exam section.
- Correspondence to the stake holder is through email / website.
- Regular review meeting are organized for smooth functioning of exam section.
- Controller of Examinations makes regular visits to CAP for timely declaration of result.

2.6 Student Performance and Learning Outcomes

2.6.1 Has the University articulated its graduate attributes? If so, how does it facilitate and monitor its implementation and outcome?

It may sound simple but from being mere listeners to what is being taught, the University leads the way to make students engage in the learning process to grasp the concepts. The students report higher levels of engagement and learning at University where they get ample opportunity to challenge their own academic capability. Interact more with faculty, emphasize on high-order cognitive activities in the class room and value enriching educational experiences. They use active and collaborative learning techniques. A larger student body means broader vision for the University and a larger possibility to bring in substantive change in the system. Solapur University articulates its graduate attributes in the vision statements as follows:

- Solapur University shall strive towards a world class Institution by producing professionals with high technical knowledge, professional skills, ethical values and compassionate humane in the society.
- Solapur University implements the mentioned attributes by employing highly qualified and experienced teachers with technology enhanced learning resources.
- The students imbibe the ethical values while studying a course with professional ethos.



2.6.2 Does the University have clearly stated learning outcomes for its academic programmes? If yes, give details on how the students and staff are made aware of these?

Yes,

The students after the completion of the program would become intellectually and technically equipped with well defined knowledge, skills and ethics who are creative thinkers, inspiring leaders and good citizens.

- The students and faculty are well focused on these lines as the academic programs and the University activities are oriented towards achieving these learning outcomes.
- The students are expected to carry out projects study for each of the courses that help them to apply the concepts of cutting edge technology in realizing life problems.

2.6.3 How are the University's teaching, learning and assessment strategies structured to facilitate the achievement of the intended learning outcomes?

- The syllabi of every program are updated once in three years with inputs of the experts from industries and academia.
- The CGPA system is provided in the syllabus for assessment.
- The faculty and students have access to e-resources in addition to the print text books, reference books and journals.
- The students are given challenging home assignments and team work tasks.
- Frequent exposure and interaction with the industry through regular industrial visits, carrying out industry defined projects and consultancy works.
- Organization and participation in seminars, workshops, conferences, etc. at the national and international levels. The University also provides financial assistance to present papers in national and international conferences.
- Learners are assessed through the informal interaction at the end of each teaching session and doubts of the learners are cleared. Internal assessment scheme, home-assignments, seminar presentations, small projects reports and mid-term exams as well as semester exams are the assessment strategies structured to facilitate the achievement of the intended learning outcomes.
- It has been noticed that the students while entering the course are first time learners, unable to articulate their thoughts, do not possess leadership qualities and cannot transform to a perfect personality. The same students after completing the course acquire knowledge to articulate their thoughts and translate them into action. Thus they get opportunities in acquiring jobs as Gazetted Officers to shoulder the responsibility of serving the society.

2.6.4 How does the University collect and analyse data on student learning outcomes and use it to overcome the barriers to learning?

- The CGPA and number of backlog papers are the measures by which student learning outcome is assessed and accordingly remedial classes are arranged.
- The performance of the students in theory and practical are analysed and discussed during the class committee meeting. The feedback from staff and students are analysed and necessary steps are taken.
- The students intending to improve their scores and failed students are encouraged to reappear for the examination.

2.6.5 What are the new technologies deployed by the University in enhancing student learning and evaluation and how does it seek to meet fresh/ future challenges?

- Among the new technologies to enhance student learning, the computer laboratory is provided for every department.
- **Creation of Internet Tree for better access to the internet and learning through e-resources:** The University avails ICT facilities in learning and evaluation of its students'
- **Digital divide:** The University affiliated colleges are situated mainly in rural and semi-urban areas and this has created digital divide. The University makes efforts to answer the challenges in overcoming this digital divide by offering not only financial help but also expert guidance to the affiliated colleges.
- **Information literacy:** The University makes concentrated efforts to remove information backlog among the affiliated colleges by arranging various training programs for the teachers. It is true that this has been proving a difficult upward task.

Any other information regarding Teaching, Learning and Evaluation which the University would like to include:

- Offers Bridge / Remedial coaching to the needy students.
- Class committee, similar to Quality Circle.
- Tutorials for analytical subjects.
- Conduct of Orientation Programs for fresher's.
- The University has established Dr. Babasaheb Ambedkar UPSC Pre. Examination Guidance Center for the betterment of reserved category students. The total of 50 students have been provided with the stipend of Rs. 4000/- per month. Each student gets Rs.6000/- as a book grant.
- The MOU has been signed with the funding agency i.e. BARTI at Pune.



Criterion – III

**Research, Consultancy
and Extension**

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion of Research

3.1.1 Does the University have a Research Committee to monitor and address issues related to research? If yes, what is its composition? Mention a few recommendations which have been implemented and their impact.

Yes.

There are several research committees constituted as per Maharashtra Universities Act, 1994 and as per UGC Regulation -2009. These are as follows:

1. Departmental Research Committee (DRC): Allots research students to the supervisors.
2. Research and Recognition Committee (RRC): Finalizes the research proposals and recommends the panel of referees for evaluation of the thesis / dissertations to BUTR.
3. Board of University Teaching and Research (BUTR): Approves the panels of the referees for evaluation of the Ph.D. /M.Phil. thesis/ dissertation.

The compositions of the above committees are as follows:

1. Departmental Research Committee (DRC):
 - Dean of the concerned Faculty - Chairperson
 - Chairman of Board of Studies in the concerned subject - Member
 - Director/Professor of the concerned school - Member
 - Two subject experts from same or related subject - Members
 - One subject expert from research centre / Place - Member
 - (one from the above shall be from the reserved category)
2. Research and Recognition Committee (RRC):
 - Dean of the Faculty - Chairman
 - BOS Chairman - Member
 - Head of the University Department - Member
 - Two experts (one internal and external) - Member
 - Expert in the area of specialization - Member
 - Nominated by the Vice-Chancellor
3. Board of University Teaching and Research(BUTR):
 - Vice-Chancellor - Chairman
 - Dean of the Faculty - Member
 - Heads of the University Departments - Member
 - B.O.S. Chairman - Member
 - Director, B.C.U.D. - Member
 - Secretary
4. In addition, there is another Research Committee to scrutinize the research proposals to be sent to the funding agencies. This committee is headed by Head of the Department and two senior staff members of the departments. The major recommendations made by the Research Committees are as under:
 1. The proposals should have social, industrial relevance and innovative concepts.
 2. The proposals should preferably be of interdisciplinary approach.



3. The proposals should preferably be of the collaborative nature with other institutions of International and National repute.
4. Research topics should incorporate the thrust areas of the Department.

The recommendations are discussed at various bodies for their effective implementations. University realized a positive impact of the recommendations made by the R & RCs. viz social and industrial relevance, obtaining grants from various funding agencies. Research is a core mission of our University. Faculty publications in refereed journals represent the best tradition of knowledge and dissemination. Some of the research papers are seminal and result in paradigm shifts in disciplines, at times even seed new disciplines. But each and every publication adds up to the knowledge pool in its own small and big ways. The faculty members of the University have publications that have good impact factors and showcasing publications in SCI journals, *h*-index, *i*₁₀- index and citations.

3.1.2 What is the policy of the University to promote research in its affiliated / constituent colleges?

The University has a concrete policy for promotion of research in the affiliated colleges, according to which it inspects and recognizes research laboratories; recognizes research guides from amongst the college teachers. The University conducts workshops on topics such as writing research proposals, research methodology, etc. The research guides from the affiliated college research centres/places are nominated on the Departmental Research Committee of the University. University promotes college teachers to undertake minor/major research projects as PI and if required in collaboration with the University teachers.

3.1.3 What are the proactive mechanisms adopted by the University to facilitate the smooth implementation of research schemes/projects?

Advancing Funds for Sanctioned Projects:

The University provides infrastructure facilities to the Principal Investigators for the smooth conduct of the research project. The University delegates financial power for the purchase of research material up to sum of Rs. 10,000/-. The utilization of overhead budgetary provision is exclusively bestowed on the PI for the development of laboratory. The University pays for its teacher's life time membership fees of Professional Society. A student recruited in a research project is given research scholarship from the University funds, if financial assistance is not released in time from the funding agency.

Providing seed money: No.

However, the University IQAC has suggested to make a provision of providing seed money for the research projects in ensuing University budget.



Simplification of procedures related to sanctions/purchases to be made by the Investigators:

The University administration and Finance Section oversees the sanction and purchases of equipments that the PI intends to obtain for project implementation. The Administration and Finance Section assist in processing of quotation, tenders, rate contract, etc. The Finance section also helps in financial audit and issuing of utilization certificates.

Autonomy to the PI/Co-ordinator for utilizing overhead charges:

The University delegates financial power for the purchase of research material up to sum of Rs. 10,000/-. The utilization of overhead budgetary provision is exclusively bestowed on the PI for the development of laboratory. The outcome of the freedom given to the PI has success story of developing his office space and laboratory.

Timely release of grants:

After releasing the funds by the funding agencies, Finance and Accounts Section administers timely release of the funds to the PI for effective implementation. In the unforeseen events of non receipt of grants from the funding agencies, Finance Section bails out the PI from financial delay by liaison with funding agencies. In few cases, University arranges payment of salary/ research fellowship to researchers on research projects, if funds from funding agency are not received / not available.

Timely auditing:

Auditing is done by Finance and Account Section. The Principal investigator obtains utilization certificate duly attested by internal auditor and Finance and Accounts Officer.

Submission of utilization certificate to the funding authorities:

The PI after obtaining the utilization certificate along with mid-term report submits the same to funding agencies. For the purpose, the Registrar of the University transacts with the funding agencies.

3.1.4 How is interdisciplinary research promoted?

***Between / among different departments/schools of the University and**

***Collaboration with national/international Institutes /industries?**

The faculty members from various schools conduct interdisciplinary and multidisciplinary research in collaboration with the scientist from national and international institutions for publications with high impact factor and citations. The faculty member of Schools of Physical Sciences and Chemical Sciences are involved in interdisciplinary research. School of Physical Sciences has collaboration with ncnRc research centre at Ambarnath, Mumbai (nanotechnology and nanobiotechnology) and School of Chemical Sciences has collaboration with the Department of Chemistry Shivaji University, Kolhapur (Materials Research Laboratory).

3.1.5. Give details of workshops/training programmes/sensitization programmes conducted by the university to promote a research culture on the campus.

Research culture is promoted and supported by the University administration. A separate budgetary provision is made for the financial assistance towards organization of workshop / training programs, etc. The details of the allocation and utilization is given below :

Sr. No.	Year	Budget allotted Rs. in Lakhs	Utilization Rs. in Lakhs
1	2010-2011	02.80	01.63
2	2011-2012	33.30	01.91
3	2012-2013	49.65	02.52
4	2013-2014	28.77	13.26

Workshop and Training Programmes organized by the University on the Campus

Sr. No	Title of Workshop and Training Programmes	Organized by	Date & year
1	MATLAB and Simulink, 2013	School of Physical Sciences	6 th Aug.-2013
2	10 th Satellite based distance learning program on “Geo web Services- Technology & Applications”	School of Earth Sciences	11 th February 2013 –15 th March 2013.
3	12 th Satellite based Distance Learning Program on “Microwave (SAR)Remote Sensing for Natural Resources”	School of Earth Sciences	February 03 – March 29, 2014.
4	National Workshop on “Statistical Computing (NWSC)”	Dept of Statistics	21-23 Sept. 2013
5	Workshop on Microscale Technique for Organic Mixture Separation and Identification	School of Chemical Sciences	27-28 Sept. 2013
6	National Workshop on “MATLAB and Image Processing (NWMIP)”	School of Computational Sciences	23-24 Dec-2013
7	National Level Competition “Dexter Innofest – 2014”	School of Computational Sciences	03-Jan-14

3.1.6 How does the university facilitate researchers of eminence to visit the campus as adjunct professors? What is the impact of such efforts on the research activities of the university?

The University invites eminent Scientist/ researchers for visiting the campus to enlighten and encourage research career of the students and to streamline the research plans in the respective areas .

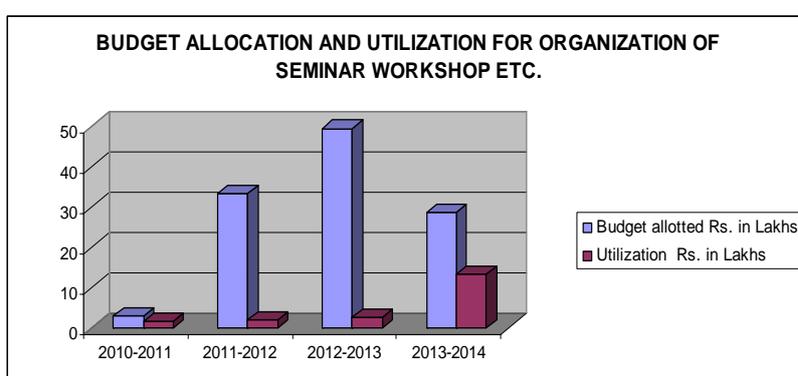
3.1.7 What percentage of total budget is earmarked for research? Give details of heads of expenditure, financial allocation and actual utilization. (figures in Lakh)

Sr.No	Budget Head	Allotted Budget 2010-11	Utilization 2010-11	Allotted Budget 2011-12	Utilization 2011-12	Allotted Budget 2012-13	Utilization 2012-13	Allotted Budget 2013-14	Utilization 2013-14
1	Books & Journals	39.85	8.67	39.85	18.88	40.10	5.22	43.00	35.37
2	Seminar/ Conference/ Workshops	2.80	1.62	33.30	1.91	49.65	2.52	28.77	13.26
3	Aviskar	4.50	--	1.75	--	2.00	--	2.00	--
4	Development Budget	686.50	89.46	596.15	184.13	451.50	123.60	521.35	151.23
5	DRF	--	--	--	--	--	--	--	--
6	Research	--	--	--	--	--	--	--	--
	Total	733.65	99.75	671.05	204.92	543.25	131.34	595.12	199.86
	Percentage of Total Outlay	11.25%	13.59%	19.53%	30.53%	06.78%	24.17%	06.86%	33.58%

3.1.8 In its budget, do the university earmark funds for promoting research in its affiliated colleges? If yes, provide details.

Yes. The University provides earmark funds for promoting research in its Affiliated colleges such as organizing conference, seminars, workshops etc..

Sr. No	Year	Budget Allocation Rs. in Lakh	Expenditure Rs. in Lakh
1	2010-11	02.00	01.62
2	2011-12	02.00	01.90
3	2012-13	03.00	01.87
4	2013-14	04.00	02.20



3.1.9 Does the university encourage research by awarding Post Doctoral Fellowships /Research Associate ships? If yes, provide details like number of students registered, funding by the university and other sources.

Yes.

One Post Doctoral Scholarship holder is with the University. She is sponsored by DST, New Delhi.

3.1.10 What percentage of faculty have utilized the sabbatical leave for pursuit of higher research in premier institutions within the country and abroad? How does the university monitor the output of these scholars?

There is no provision for sabbatical leave. However, the University provides study- leave to the faculty for pursuing their research in the premier institutions within the country and abroad.

3.1.11 Provide details of national and international conferences organized by the university highlighting the names of eminent scientists/ Scholars who participated in these events.

The University has organized a number of national and international conferences/seminars/symposia. The details are as under:

Sr. No	Title or Theme of conference	Organized by	Eminent Scholar Visited	Date & year	Sponsored by	Nos of Out station participants
1	State Level Seminar on New Trends in Journalism	School of Social Sciences	Dr. S. Gavhane Mr. S. Walvekar , Mr. A. Joshi	17 th Jan, 2009	Solapur University	150
2	State Level Seminar on New Trends in Electronic Media	School of Social Sciences	Mr. N. Vaidya, Mr. J. Zazar, Mr. R. Ranalkar, Mr. M. Bhoyar	24 th March 2010	Solapur University	150
3	State Level Seminar on New Trends in Advertising and Public Relations	School of Social Sciences	Ms. A. Lokhande Mr. G. Muley, Mr. S. Zaveri, Mr. N. Desai	18th-19 th Feb. 2011	Solapur University	100
4	17 th International Conference on "Expanding Horizons in Chemical and Biological Sciences: Innovations Crossroads" (ISCBC-2012)	School of Chemical Sciences	Prof. Jyoti Chattopadhyaya, Prof. Srivari Chandrashekhar, Prof. S.F.Vasilevskiy, France Dr. Dattatrya Detha, Prof.Domenico Spinelli, France Dr. P.P.Wadgaonkar , Dr.N. Patil	21 st - 24 th January 2012	DST,BRNS, CSIR, Solapur University	300
5	State Level Seminar on Development in Journalism	School of Social Sciences	Mr. M. Kulkarni, Mr. V. Bet, Mr. H. Karnik, Mr. A. Deshpande, Dr. Shashikant Ahankari, Mr.O. Kalame	19th-20 th March 2012	Solapur University	100
6	International Conference "Emerging Trends in Chemical Sciences" (ETCS-2012)	School of Chemical Sciences	Prof. Janine Cossy, Italy Prof. M.M.Salunkhe, Prof. Carlos Miro Sabatr, Italy Dr. Surendra Ponrathnam, Dr. P.P.Wadgaonkar Dr. A.T.Biju, Prof. N. Shekhar. Dr.B.B.Kale,	2 nd Nov. to 4 th Nov. 2012	Solapur University, Solapur	384
7	National Seminar on Disaster Management and Sustainable Development	School of Earth Sciences	Prof. R. Nigunappa Prof. Mule, Prof. D.B.Panaskar, Prof. S.N.Patil, Prof. S. Ahmed	28 March, 2013	Solapur University	50
8	Recent Trends & Technology of Nano-Materials & Smart Devices (RII-NSP-2013)	School of Physical Sciences	Prof. R.G.Takawale, Prof. M.G.Takawale, Prof. M. Sharon, Prof. K.R.Murli, Prof. K. Vijay kumar	18-20 April, 2013	Solapur University	50

9	National Conference on "New Horizons of Statistics"	School of Computational Sciences	Prof Anil Gore Dr. Arijit Banerjee Dr. Sharayu Paranjpe Dr. Kashid D. N. Dr. Pandit P. V. Dr. Kadi A. S. Prof. B. V. Dhandra,	19-21 Oct, 2013	Department of Science and Technology, New Delhi, & Minitab Inc.	150
10	National conference on "Recent Advances in Information Technology (NCRAIT)"	School of Computational Sciences	Prof. P. S. Hiremath, Prof. Umesh Bellur, Prof. B. V. Dhandra, Prof. Apurva Desai, Dr. Suryakanth Gangashetty, Dr. Neelangouda Patil, Dr. P. B. Khanale,	15-16 Feb-2014	Solapur University, Int. J. of Computer Applications, Int. J. of Research in Computer Science and Information Technology	80
11	National Conference on Frontiers in Chemical Sciences (FCS-2014)	School of Chemical Sciences	Prof. Varada Rajulu Dr. P.P.Wadgaonkar , Dr.B.B.Kale, Dr. U.P. Mulik, Dr. G. N. Naik	30 th June 2014	Solapur University, Solapur.	115

3.2 Resource Mobilization for Research

3.2.1 What are the financial provisions made in the university budget for supporting students' research projects?

The students are provided with departmental research fellowships, infrastructural facilities and research grants for analytical and field services, typing and printing work and travel grant for attending conferences/workshops, etc. A newly established Instrumentation Facility Center encourages the students by characterization of their samples.

3.2.2 Has the university taken any special efforts to encourage its faculty to file for patents? If so, how many have been registered and accepted?

Yes.

The University encourages the filing of Patents. The patents registered by the faculties are as follows:

1. N. D. Ghatge and N. N. Maldar, Indian Patent. Feb. 1, 1992; An improved process for the preparation of substituted diamines.
2. Y. Imai, N. N. Maldar and M. Kakimoto, Jap. Patent. Jap. Kokai Tokkyo Koho JP 85, 226, 529 appl. 84/83 Apr. 25, 1984 5pp. Polyamides.
3. Y. Imai, N. N. Maldar and M. Kakimoto, JP 83 156, 352 Aug. 29, 1983. Polyimide resins and their preparative methods.
4. Y. Imai, N. N. Maldar and M. Kakimoto, JP Feb. 28, 1984. Polyazomethines soluble polymers and their preparations.
5. N. N. Maldar, M. Medhi, S. Packirisamy; "Aromatic bisether diamines having pendant diphenyl oxide and a process for preparing the same". (March, 11, 2010)
6. N. N. Maldar, M. Medhi, S. Packirisamy; "Aromatic diamines with pendant styryl phosphine oxide group and a method of producing the same". (May 2010)
7. N. N. Maldar, M. Medhi, S. Packirisamy; "Aromatic tetra-ether diamines having pendant aryl phosphine oxide and a process of preparing the same".

*Filed through IPR Monitoring and Co-ordination Team (IPRMCT) VSSC, Trivandrum based on the work done for ISRO / Research Project-RESPOND.



8. B.P.Bandgar and Salman, “Process for preparation of gemcitabine hydrochloride.” Application no. 2954/MUM/2010.
9. B.P.Bandgar and Salman, “The process for the preparation of pamidronic acid and its pharmaceutically acceptable salts.” Application no. 2955/MUM/2010.
10. B.P.Bandgar and Salman, “A process for the preparation of clonidine.” Application no. 2956/MUM/2010.

**3.2.3 Provide the following details of ongoing research projects of faculty:
List of ongoing research projects**

Sr. No	Name of the Investigator and School	Title of the Project	Name of the funding Agency	Total Grant Sanctioned (Rs. in Lakh)
1	Dr. B.J.Lokhande School of Physical Sciences	Ruthenium Doped Vanadium and Titanium Oxide Electrode for Supercapacitor and It's Devices	Department of Science and Technology (DST), New Delhi.	44.20
2	Dr. V.B.Patil School of Physical Sciences	Synthesis and Characterization of Conducting Polymer -Metal Oxide Based Nanocomposites for Gas Sensing Applications	DST-FTP	11.14
3	Dr.V.B.Patil, (CO-PI) School of Physical Sciences	Development of nanostructured SnO ₂ thin film Gas Sensors	UGC	01.95
4	Prof. E.N. Ashok Kumar School of Social Sciences	District Human Development Report: Solapur.	UNDP, New Delhi.	07.20
Total				64.49

3.2.4 Does the university have any projects sponsored by the industry/corporate houses? If yes, give details such as the name of the project, funding agency and grants received.

No.

The University IQAC has suggested to forge linkages between industry and academia and sponsored projects for its students and faculties.

3.2.5 How many departments of the university have been recognized for their research activities by national/international agencies (UGC-SAP, CAS; Department with Potential for Excellence; DST-FIST; DBT, ICSSR, ICHR, ICPR, etc.) and what is the quantum of assistance received? Mention any two significant outcomes or breakthroughs achieved by this recognition.

No.

However, The University has submitted the proposals of School of Chemical and Social Sciences under UGC-SAP scheme.

3.2.6 List details of research projects completed and grants received during the last four years (funded by National/International agencies)

Research Projects completed and grants received during the last four years

Sr. No.	Name of the research project	Principal Investigator	Funding Agency	Duration	Amount Rs. in lakhs
School of Physical Sciences					
1	Synthesis of nanocrystalline ferrites material for fabrication of gas sensor	Dr. S. S. Suryavanshi	DAE-BRNS Mumbai	2007-2011	11.47
2	Development of Nanocrystalline TCO material for photoelectronic Applications	Dr. S. S. Suryavanshi	UGC, New Delhi	2009-2010	1.25
3	Characterization of Nanostructured SnO ₂ by CVD and its Gas Sensing Applications.	Dr. S. S. Suryavanshi	UGC, New Delhi	2009-2010	1.40
4	“Effect of doping Manganese and Ruthenium on Cobalt Oxide Thin films for Supercapacitor Electrode.”	Dr. B. J. Lokhande	DAE-BRNS Mumbai	2011-2014	20.71
5	Charge Transport Studies of Nanocomposite Films Consisting of Metal Oxide Nanoparticles & Conducting Polymers and Their Interaction with Toxic Gases	Dr. V. B. Patil	DAE-BRNS, Mumbai	2010-2013	26.92
6	Synthesis and Characterization of PANI/CdS Nanocomposites for Gas sensing applications	Dr. V. B. Patil	UGC, New Delhi	2008 - 2010	00.80
School of Social Sciences					
7	Conservation, Development and livelihood	Prof. E.N. Ashokkumar	ICSSR, New Delhi.	2011-13	04.80
8	Maharashtra Govt., Budget and Social Exclusion of Dalits and Inclusive	Dr. G.S.Kamble	ICSSR, New Delhi	2012-14	04.15
9	An Economic Analysis of Bidi Industry in Solapur.	Dr. C.S. Bhanumate	ICSSR, New Delhi	2012-14	07.13
Total					78.63

3.3 Research Facilities

3.3.1 What efforts have been made by the university to improve its infrastructure requirements to facilitate research/ what strategies have been evolved to meet the needs of researchers in emerging disciplines?

The University has promoted research by developing the infrastructural requirement in emerging disciplines such as Nanotechnology, Photo voltaics, DMS Materials, Sensor Materials and ferrites and ferroelectrics Materials, Communication Electronics and Wireless Sensing Networks, Medicinal Chemistry, Polymer Chemistry, Inorganic Chemistry, Mineral

Exploration, Environmental Geochemistry, HydroGeology, Ore genesis, Aquifer Modeling, Digital Image Processing, Source Rock Evaluation, Statistical and Cloud Computing, etc. The University has set up Instrumentation Centre with state-of-art laboratories and instruments like 400 MHz NMR, XRD, FT-IR. Elemental Analyzer, AAS. Micro Wave Synthesizer, etc. The Modeling studies are supported by latest softwares such as MATLAB, LabVIEW, Arc View 10.0, Erdas, Arc Info, Info Map, etc. It is hoped that needs of the students undertaking research in emerging areas will be fulfilled by the above facilities.

3.3.2. Does the university have an Information Resource Centre to cater to the needs of researchers? If yes, provide details of the facility.

Yes.

The University has an information resource centre to cater the needs of researchers housed in central library. The main aim of University e-Resources Information Centre is to support research students in learning, teaching and research facilities by providing ICT services. Information Research Centre has access to e-journals and e-books. The Information Research Centre is installed with origin, chem draw, ISI draw, MAT LAB, etc. softwares for research students.

3.3.3 Does the university have a University Science Instrumentation Centre (USIC)? If yes, have the facilities been made available to research scholars? What is the funding allotted to USIC?

Yes.

The University has set up Instrumentation Centre with facilities such as XRD, FT- IR, NMR, AAS etc. The facilities at the Centre are made available to research scholar at concessional rates.

Sr. No.	Year	Budget Allotted (Rs. in Lakh)
1	2010-11	279.00
2	2011-12	179.00
3	2012-13	100.00
4	2013-14	100.00

The budget allocated to the Instrumentation Centre for the year 2014- 2015 is Rs. 15.00 Lakh

3.3.4 Does the university provide residential facilities (with computer and internet facilities) for research scholars, post-doctoral fellows, research associates, summer fellows of various academies and visiting scientists (National/international)?

Yes.

The University provides residential facilities and internet facility on the University campus. The computer and internet access is available in the University library, all Schools and University guest house.

3.3.5 Does the university have a specialized research centre/work station on – campus and off-campus to address the special challenges of research programs?

No. Further, the University Authorities have planned to institute a specialized research centre work station on its 482 acres Dnyanteerth Nagar Campus.

3.3.6 Does the university have the centers of national and international recognition/repute? Give a brief description how these facilities are made use of by researchers from other laboratories.

Yes.

The University has instrumentation centre housing state-of-art technological instruments which cater to the researchers from the other states, in addition to those who hail from Maharashtra. The facilities are monopoly of its kind for capacity building of expertise to spin consultancy work.

3.4 Research Publications and Awards

3.4.1 Does the university publish any research journal (s)? If yes, indicate the composition of the editorial board, editorial policies and state whether it/they is/are listed in any international database.

Yes. The University publishes a Journal –Avishkar having ISSN. No. 2319-2410

Composition of the Editorial Boards for the Journals is as follows:

- 1) Hon'ble Vice-Chancellor – Chairman
- 2) Managing Editor (01)
- 3) Assistant Managing Editor (01)
- 4) Other Members (11) drawn from various departments.

Editorial Policy:

The journal Avishkar has a distinct policy of publishing original research papers. The papers received from various authors are subjected to peer review by two external experts and only on their positive recommendation the Editorial Committee publishes the paper. The journal does not charge any fees for publication.

3.4.2 Give details of publications by the faculty:

• **Number of papers published in peer reviewed journals (national/international): 576**

• **Monographs : 06**

• **Chapters in Books: 03**

• **Books edited: 01**

• **Books with ISBN with details of publishers: 01**

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***Number listed in international data base (for e.g. Web of Science, Scopus, Humanities International EBSCO host, etc.):**

***Citation index – range / average:** (Total 6363) Average: 235.66

***SNIP:**

***SJR:**

***Impact factor- range / average:** 0.2 to 5.84

***h-index:** 1 to 22



3.4.3 Give details of

• Faculty serving on the editorial boards of national and international Journals

Faculty serving on Editorial Boards:

Faculty	Journal
Prof. N. N. Maldar	Journal of Applied Polymer Science, John Wiley & Sons, USA; E Polymers, European Polymer Federation; Journal of Polymer Materials: An International Journal; Polymer International. Wiley; Thermochemica Acta. Elsevier; Indian Journal of Eng. and Material Sci.; J. of Thermal Analysis and Calorimetry. Springer; European Polymer Journal. Elsevier; Editorial Board of J. of Shivaji Univ. (Science and Technology), Vol. 37, 38, 39, and 40.
Prof. R.R. Patil	Aviskar Journal published by Solapur University, Solapur. Member of Editorial Board Indian Stream Research Journal
Prof. L. P. Deshmukh	Editorial Board Member for J. Energy Science and Technology (Canadian Research & Development Center of Science and Cultures). Aviskar Journal published by Solapur University, Solapur.
Dr. A. A. Ghanwat	Research Journal of Chemistry and Environment
Mr. V. P. Dhulap	Member of Editorial & Advisory Board, International Journal of Advance and Applied Research (IJAAR).

3.4.4 Provide details of Research awards and Recognition received by the faculty and students

National and international recognition received by the faculty from reputed professional bodies and agencies.

Name Faculty	Award International/National / State		Bodies /Agencies.
Mr. V. P. Dhulap	First prize (2009)	National	National conference on Recent Trends in Bioresources and Bio-Sciences” for Oral / Paper presentation of Research paper Murum, Osmanabad. M.H.



3.4.5 Indicate the average number of successful M.Phil. and Ph.D.scholars guided per faculty during the last four years. Does the university participate in *Shodhaganga* by depositing the Ph.D. theses with INFLIBNET for electronic dissemination through open access?

M.Phil. and Ph.D. scholars guided per faculty during the last four years: 1.74 (Total=40/23)

The university follows the UGC guidelines 2009 and submits the soft copies of Ph.D., M.Phil. thesis for uploading on Shodhaganga.

3.4.6 What is the official policy of the university to check malpractices and plagiarism in research? Mention the number of plagiarism cases reported and action taken.

University checks the malpractices and plagiarism of research activities by way of posting their research papers on line for free software to delete the plagiarised material. No single case of plagiarism is reported till today.

3.4.7 Does the university promote interdisciplinary research? If yes, how many interdepartmental/interdisciplinary research projects have been undertaken and mention the number of departments involved in such endeavors?

Yes.

University promotes the interdisciplinary research. One collaborative research program completed by the faculty of School of Earth Sciences in collaboration with Medical Research Foundation, Norway

3.4.8 Has the university instituted any research awards? If yes, list the awards.

No.

The University has planned to initiate a research award for the breakthrough research.

3.4.9 What are the incentives given to the faculty for receiving state, national and international recognition for research contributions?

Faculties are encouraged by providing institutional study leave, partial financial support and publication grants.

3.5 Consultancy

3.5.1 What is the official policy of the University for Structured Consultancy? List a few important consultancies undertaken by the university during the last four years.

Our consultancy thrives on technology development and services while linking the industry, society and academia. The wealth of knowledge residing with academic specialists doesn't reach out to solve societal problems due to difference in the time frame, the parties operate it. While the society looks for time-bound solutions. The scientists at the academic domain are pre occupied with their independent research and responsibilities and find hard to respond on time. Nevertheless, Solapur University has space to accommodate consultancy services to society. The time gap is shortened by University authorities and academic experts. The preliminary research is assisted by mentors and infrastructural resources



are made available at the University. The University has well defined policy for consultancy services. These are grouped into three heads:

- a) Services where institutional consumable and non-consumable facilities are to be used.
- b) Services where institutional non-consumable facilities only are to be used.
- c) Advisory consultancy in which the University facilities are not to be used.

The details regarding the consultancy services available in the University Departments are communicated to concerned organizations. The revenue generated is shared as follows:

- a. 30% of the amount to the concern department.
- b. 50% of the amount to the expert.
- c. 20% of the amount to the University.

However, the percentage of the above stated shares varies based on intellectual property rights of the expert and infrastructural facilities utilized from the University.

The School of Earth Sciences has rendered a lion share in consultancy service. The major areas of consultancy are ground water survey, environmental impact studies, geological characterization, etc. List of important consultancy under taken by the Universities are as below.

Shivalay Stone Crusher, 74/2 At -Post Wagholiwadi, Taluka – Mohol, Dist-Solapur
M/S IVRCL Limited, Plot no 587, Achegaon Taluka-South Solapur-Solapur.
M/S Nirman Stone Crusher, Gat No. 351/1 Ratnjan , Taluka- Barshi, District-Solapur
M/S Hariom Stone Crusher, gat.No. 193/1 At.Post, Jamgaon(A), Taluka-Barshi, District- Solapur.
M/S APR-VNR(JV)Gat No185/2,At-Post Dudhani, Tal-Akkalkot, Dist-Solapur.
M/S Shree Bhagvanti stone Crusher, Gat No. 72/2 At Post Sinnur, Taluka-Akkalkot Dist-Solapur.
M/S Radhakrishna Stone crushing, Tale Hipparga, South- Solapur.
Smt.Ambika Hanmant Chougale. 1079, Ashok Chowk, Solapur.
M/s. Shri Sai Enterprizes Gat. / Sr. No. 82/1 A At Shelgi, Tal – North Solapur. Dist – Solapur.
Shri. Pralhad Vitthal Kashid Gat. No. 229/3/B/2, At-Post, Gangewadi, Taluka-South -Solapur, District – Solapur.
M/s. Om Sai Stone Crusher Gat. No. 47 At / Post- Korphale, Taluka- Barshi, District – Solapur.
M/s. Shri. Ram Stone Crushing Industries Gat. / Sr. No. 46/2 B/ 1 And Sr. No. 46/2 B/ 2 Shri. Ram Margu Nimbalkar At Tale Hipparga, Tal – North Solapur, Dist – Solapur.
M/s. Shri. Ganesh Stone Crushing Industries. Gat. / Sr. No. 90 Shri. Shrinivas Namdeo Mudholkar At Tale Shelgi, Tal – North Solapur, Dist – Solapur.
M/s. Suvarna Stone Crusher Gat. / Sr. No. 85/1 Smt. Vimal Arun Chougale At Shelgi, Tal – North Solapur, Dist – Solapur.
M/s. Bharat Enterprizes Gat. / Sr. No. 41/B Shri. Anil Tukaram Chougale At Hipparga, Tal – North Solapur, Dist – Solapur.

Shri. Shankar Baburao Chougule Gat. / Sr. No. 42/2 At -Hipparga, Tal – North Solapur, Dist – Solapur.
M/s. Shri. Veer Nagnath Stone Crushing Gat. / Sr. No. 43/1/2 and 43/1B Shri. Vishwanath H.Nimbalkar At Hipparga, Tal – North Solapur, Dist – Solapur.
M/s. Shri. Vijay Narsu Manthalkar Gat. / Sr. No. 45 /A At Hipparga, Tal – North Solapur, Dist – Solapur.
Shri. Laxman Tippanna Vitkar Gat. / Sr. No. 64/1+2A/1/1B/1 At Dahitne, Tal – North Solapur, Dist – Solapur.
Shri. Mallikarjun Kallapa Manjulkar Gat. / Sr. No. 155 /A/1 At - Haglur, Tal – North Solapur, Dist – Solapur.
Smt. Kamal Chandrakant Manthalkar Gat. / Sr. No. 106 / 2/2A and Gat. / Sr. No. 107 / 2/2B At Bhogaon, Tal – North Solapur, Dist – Solapur.
Shri. Samadhan Mahadev Autade Gat. / Sr. No. 86/1 At- Shelgi, Tal – North Solapur, Dist – Solapur.
Foundation of Medical Research (FMR) for Indo-Norway Project, Aundh Pune.
Lokmangal Sugar Ethanol & Co-Generation Ind. Ltd. Bibi Darphal
VAMASI Labs Ltd. Chincholi MIDC Solapur
IL&FS Engineering and Construction co. Ltd. Mohol (Site office)
Solapur Construction and Fabrication Pvt. Ltd. Solapur

3.5.2 Does the university have a university-industry cell? If yes, what is its scope and range of activities?

Yes.

The University has ‘University Industry Interaction Cell’. This cell develops lineages between University experts and industrial entrepreneurs through regular meetings and conferences. University has conducted workshop on Road Map -2014 of Solapur University. The University has invited distinguished persons who are industrialist, academicians, politicians and agriculturist to share their views on preparing the University Road Map. In this workshop all the Management Council Members, Academic Council Members, affiliated College Principals and University teachers, etc. had participated in the brainstorming session.

The University - Industry Interaction Cell has a bilateral relationship in which the University renders its intellectual service for product and process development. While the industry supports University activities with partial financial assistance, inputs on industrial requirements on curricular development and manpower needs.

3.5.3 What is the mode of publicizing the expertise of the university for consultancy services? Which are the departments from whom consultancy has been sought?

Expertise is publicized through University web-site and informal communications with prospective clients for consultancy. The University open day for peoples visit showcases the expertise and infrastructural facilities. The University organizes exhibition, seminar, workshop,



conferences etc during which the department exploits the marketability of their expertise.

Following Departments are involved in consultancy services.

- Department of Geology
- Department of Environment Science
- Department of Geo-informatics.
- Department of Rural Development
- Instrumentation Centre.

3.5.4 How does the university utilize the expertise of its faculty with regard to consultancy services?

The University utilizes faculty expertise in generating funds and also extend the free consultation for solving social academic and in research endeavors. The wide publicity of such consultancy work is an example for students, who are learning the lessons of life, simultaneously.

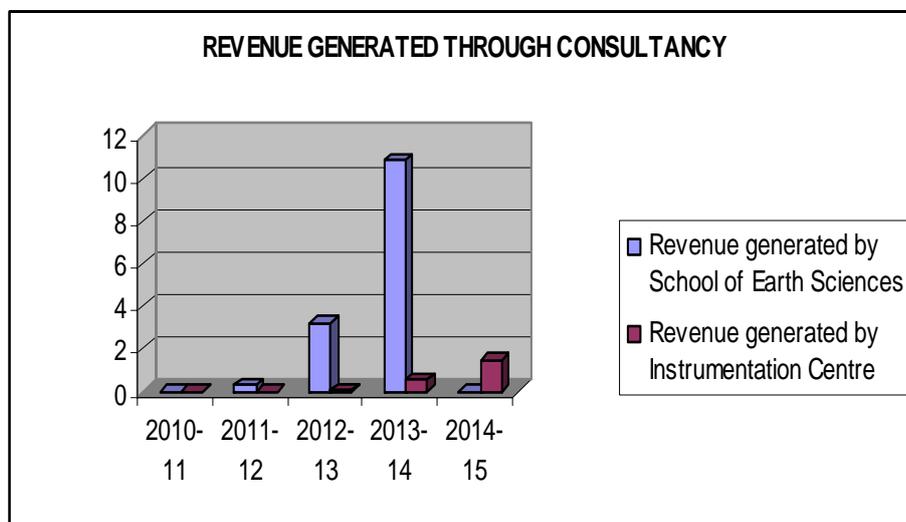
3.5.5 List the broad areas of consultancy services provided by the university and the revenue generated during the last four years.

- 1) Ground water exploration
- 2) Environmental impact assessment
- 3) Materials Characterization,
- 4) Software developments
- 5) National Sample Survey

Table No. 3.4: Type of consultancy and revenue generated

Sr. No.	Year	Revenue Generated Amount in Rs. lakhs	
		School of Earth Sciences	Instrumentation Centre
1	2010-11	00	00
2	2011-12	00.29	00
3	2012-13	03.23	00.04
4	2013-14	10.87	00.54
5	2014-15	*	01.46
Total		14.39	02.05

*work in progress



3.6 Extension Activities and Institutional Social Responsibility (ISR)

3.6.1 How does the university sensitize its faculty and students on its Institutional Social Responsibilities? List the social outreach programmes which have created an impact on students' campus experience during the last four years.

The University has sensitized faculty and students for institutional social responsibilities through general awareness and targeted programs.

The University organizes outreach programmes such as:

Village adoption, Farmer's meet on Environmental protection, Tree Plantation Programs, National Science Day celebration, Rallies, Blood Donation Camps, Contribution to National disasters are few to state.

3.6.2 How does the university promote university-neighborhood network and student engagement, contributing to the holistic development of students and sustained community development?

Under the National Service Scheme (NSS) the University promotes neighborhood network and engagement, contribution to the holistic development of the student and sustained community development. There is a financial provision extended by both Central and State Governments. In a year, volunteers provide their services for 120 days and 20 hours are devoted for their orientation. Special camp for 07 days are held for tree plantation, soil and watershed development and community services.

3.6.3 How does the university promote the participation of the students and faculty in extension activities including participation in NSS, NCC, DSW and other National/International programmes?

University has a fortified NSS unit on campus with a strength of 200 students. There is a separate financial provision for NSS. The University encourages the students to participate in various NSS events at University, State and National level. Under the patronage of the Chancellor's Office, University has organized two State Level events, Utkarsh - Social Cultural Festival in 2010 and Avhan - A Training Program on Disaster Management in 2011, successfully to promote the students in universal brotherhood.

Director of Students Welfare (DSW) :

Students are encouraged to take part in cultural events at Youth Festival Indradhanushya, National Youth Festival, etc. Students had bagged various prizes at University, State level events.

3.6.4 Give detail of social surveys, research or extension work, if any, undertaken by the university to ensure social justice and empower the underprivileged and the most vulnerable sections of society?

Various departments conduct surveys and extension work for social justice and empowerment of weaker sections of the society. For the purpose, staff submits minor and major research projects pertaining to the significance of such work to meet the millennium development goals, working at local level. The University volunteers for various National Sample Surveys as listed below:

- 1) Student participation in 6th State Level industrial/ economic survey.
- 2) Survey for Ramai Aawas Yojana
- 3) Social audit-NTPC.



3.6.5 Does the university have a mechanism to track the students' involvement in various social movements/activities which promote citizenship roles?

Yes. The students are assigned various activities of society and nation building. The task is allotted to the volunteer group of students by NSS and DSW. In the recent past students were assigned to campaign for peoples participations in general elections. It was noticed that there was an improved percentage of people participations in the general elections.

3.6.6 Bearing in mind the objectives and expected outcomes of the extension activities organized by the university, how did they complement students' academic learning experience? Specify the values inculcated and skills learnt.

The extension activities organized by the University help to shape the overall personality of students by inculcating in them the following values and skills:

Extension Activity	Values	Skills Developed
Voting Awareness Campaign	Democratic spirit	Communication
Tree Plantation	Environmental consciousness	Hands on field work
Village adoption	Service to Society	Secularism and Nationalism
Economic surveys	Social justice	Economic growth
Natural Resource Management	Resource Conservation	Scientific temperament

3.6.7 How does the university ensure the involvement of the community in its outreach activities and contribute to community development? Give details of the initiatives of the university which have encouraged community participation in its activities.

The University is highly involved in community programs and ensure the involvement of the community in its outreach activities. The ground water surveys rendered for the villagers make them understand the importance of water for their livelihood. The villagers adopted various conservation methods in artificial recharge to the aquifers. Further, the villagers practice continuous contour trenching CCT in their farm to increase the ground water resources.

Further, the University has sensitized with the above activities the gospel of preserving and protecting the University land. The farmers from the nearby villages contributed their might by extending free JCB, Tractors and other farming implements to draw the boundary fence of over 14km for the University land.

Several students' volunteers donate their blood for social cause and medical reasons. AIDS and HIV awareness campaign have been extremely effective amongst youth.

Besides other activities tree plantation, total sanitation, Save girl Childs, Disaster management programs promoted the peoples involvement in nation development. Rallies and road skits are organized to educate people about pollution, save petrol, save nature and environment, literacy, woman violence, clean and green concepts are imbibed and thereby drawing them into the mainstream of national development.

3.6.8 Give details of awards received by the institution for extension activities and/contributions to social/community development during the last four years.

The various awards / prizes received by the University in extension activities are as under:

National Service Scheme (NSS):

1. “Best University” award for NSS activity- 2008-09, Honored by Higher and Technical Education Government of Maharashtra.
2. Chhtrapati Shivaji Maharaj Vanshree Award-2010, Honored by Social and Forest Department Government of Maharashtra.
3. Green Idol award of Dainik Bhaskar Group.
4. Inter University road safety Janjagrati Abhiyan-2014, by RTO Government of Maharashtra.
5. Maharshi Ramaji Shinde Award by R.N.Chavan Pratisthan Wai, Dist.-Satara.
6. Adarsh Samajbhushan Award, Maharashtra Vrukshasanvirdhani, Pune
7. Ch. Shahu Maharaj Award, Kolhapur
8. Excellent Program Organiser- State Level Award, 2008-09, Maharashtra State, Higher & Technical Education Ministry N.S.S. Division, Mumbai.
9. Rashtra Chetana Award, 2010, Dream Foundation, Solapur District.
10. Adarsh Vruksha Sangopan Award, 2010 Maharashtra Vrukshasanvirdhani, Pune
11. Adarsh Program Organiser Award, 2012, Rajmata Ahilyadevi Holkar Pratishthan, Pune
12. Adarsh Vrukshamitra Award, 2012, Sushrut Pratishthan, Haritmitra Pariwar & Kavyamitra, Pune

DSW

1. 03 awards - Indradhanushya State Level Youth Festival 2009-2010
2. 04 awards - Indradhanushya State Level Youth Festival 2010-2011
3. 06 awards - Indradhanushya State Level Youth Festival 2011-2012
4. 08 awards - Indradhanushya State Level Youth Festival 2012-2013
5. 04 awards - Indradhanushya State Level Youth Festival 2013-2014

3.7 Collaboration

3.7.1 How has the university’s collaboration with other agencies impacted the visibility, identity and diversity of activities on campus? To what extent has the university benefitted academically and financially because of collaborations?

The University faculties have developed academic collaboration with reputed Universities and institutions in India and abroad. The collaboration with Scientist from the national institutes of (DST, CSIR, ICSSR, DAE, IIT) Government and Semi Government organizations has benefitted the faculty in terms of their publications with high impact factor and citation index that had a spin-off benefits in terms of quality improvement in their expertise. Additionally, the qualitative jump in their profile had fetched R & D projects to the University. The exposure of the faculty at national and international platform procured consultancy revenue. This has improved the infrastructure facilities on the campus.



3.7.2 Mention specific examples of how these linkages promote

* **Curriculum development:** The linkages established by the faculty with other Universities/ reputed institutes helps in developing and improving curriculum. Thereby there has been a quality jump in the academics.

* **Internship:** Enhancement in employability of the students.

* **On-the-job training:** The projects / dissertations/ in-plant training is a part of curriculum, which helps most of the students to get trained during their study tenure. Those students who complete project work in industries / sophisticated laboratories are well trained which helps them to be comfortable to the potential new job.

* **Faculty exchange and development:** Most of the faculties have good linkages with scientist from National and International institutes which helps them in exchange of thoughts, ideas and contemporary research concepts of mutual interest.

* **Research:** Under linkages, the research work on the recent trends in the concerned subject is carried out in the form of a joint research project. This helps in expanding the horizons of research activity that gives mileage in job placement of the students from the University.

* **Publication:** The results of collaborative research activity have good impact on the quality of publications with high impact factor that promotes young researchers to international platform.

a. International collaborative publications

Sr. No.	Name of Institutions	Number of research publication
1	Chonnam National University, Gwangju, Republic of Korea	04
2	Hanyang University, Ansan, Republic of Korea	06
3	Inha National University, Incheon, Republic of Korea	02

b. National collaborative publications

Sr. No.	Name of Institutions	Number of research publication
1	Bhabha Atomic Research Center Mumbai	17
2	National Chemical Laboratory/CMET, Pune	13
3	Shivaji University, Kolhapur	09
4	National Geophysical Research Institute (NGRI), Hyderabad	10
5	Pune University, Pune	06
6	Swami Ramanand Teerth Marathwada University, Nanded	02
7	Mumbai University, Mumbai	04
8	Pharmacy College, Gulbarga	03
9	Pharmacy College, Sangali	02
10	Shahu College, Latur	02

* **Consultancy:** There is a marked increase in the number of consultancies and revenue generated. The same has improved the infrastructural facilities at the University.

***Extension:** Continuous and long lasting extension services are manifested in holistic development of life in the society.

***Student placement:** Collaboration facilitates enhanced the mobility of students through exchange program. The mobility enhances their communications skills, general awareness, scientific temperament, social adjustability and overall happiness in life as they get employed at young age.

3.7.3 Has the university signed any MoUs with institutions of national/international importance/other universities/industries/corporate houses etc.? If yes, how have they enhanced the research and development activities of the university?

- i. School of Chemical Sciences has a MoU with College of Pharmacy, Pune.
- ii. School of Chemical Sciences has a MoU with Sinhgad Institute of Pharmaceutical Sciences, Pune.
- iii. School of Chemical Sciences has a MoU with Saurashtra University, Rajkot.
- iv. School of Physical Sciences has a MoU with Marine India Magnetic Electric & Century Cooling System & Engineering, Solapur.
- v. School of Social Sciences has a MoU with Tata Institute of Social Sciences (TISS) Mumbai.
- vi. School of Physical Sciences has a MoU with N. Shankaran Nair Research Centre for Nanotechnology and Nanobiotechnology, Ambarnath, Mumbai.
- vii. School of Physical Sciences has a MoU with Department of Physics, University of Mumbai.
- viii. Department of Electronics (Commun. Sci.) has a MoU with Department of Electronic Science, Savitribai Phule University, Pune.
- ix. University has a MoU with Maharashtra Knowledge Corporation Limited (MKCL), Pune for e-Suvidha.
- x. University has a MoU with Dr. Babasaheb Ambedkar Research & Training Institute (BARTI) Pune for UPSC Pre-Exam. Study Centre for SC / ST Students.
- xi. University has a MoU with C-DAC, Pune for short & long term studies in Computer.
- xii. University has a MoU with Babhul Study and Management Institute, Sangola.

These MoUs of the University enhanced the horizontal growth and mobility of staff and students. Further, the MoUs have helped to define the Road Map of the University and prepare Vision -2020 document. The MoU with MKCL catapulted the University emerging as a role model in digital world. The MoU with BARTI has fetched the University regular financial support to organize coaching programs for the SC/ST students. The MoUs that the University has entered in with the other institutions helped in building broad based knowledge and improvement in infrastructure of the University.

3.7.4 Have the university industry interactions resulted in the establishment/ creation of highly specialized laboratory/ Facilities?

The University has specialized research laboratories in Physics, Chemistry, Geology and Computer Science. The laboratories have generated quality research publications and Ph.D. students. The laboratories have fetched considerable amount of revenue through consultancy. It is now envisaged that these laboratories obtain Sigma and ISO certifications. For the purpose, steps are initiated to strengthen the existing laboratory facilities by linkages with industries.

Criterion – IV
Infrastructure
and
Learning Resources

CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

4.1.1 How does the University plan and ensure adequate availability of physical infrastructure and ensure its optimal utilization?

The University has a systematic master plan of developing infrastructure facilities on the campus. The infrastructure facilities are utilized optimally for various academic, administrative, research, cultural and sports activities.

There is a Building and Works Committee (BWC) headed by the Vice-Chancellor comprising the expert panel of architects/engineers and a member from Public Works Department of Government of Maharashtra. The committee envisages the need of physical infrastructure and accordingly plans for its development.

A Space Allocation Committee looks into the matters of space allocation to ensure judicious utilization.

The University creates basic infrastructure systematically and continuously, based on the rising requirements of the vision and mission. The available infrastructure is utilized optimally in the following respect:

- i) The classrooms are utilised for the conduct of the classes, student's seminar, tutorial and remedial classes.
- ii) The laboratories are utilised for conducting practical classes.
- iii) Each school provides separate rooms for Director, HOD and Staff.
- iv) The Seminar /Auditorium Hall is used for conducting Guest lectures, Conferences, Symposiums etc.
- v) Examination section, P.G. Admission, Accounts Section, Administrative block, Training and Placement Cell are available.
- vi) Library facility is available on the campus.
- vii) Parking facilities, facility for purified water etc. are available on the campus.
- viii) Separate Hostels for both Boys and Girls are available.
- ix) Separate Registrar Section and BCUD Section are available.
- x) Playground is regularly used by the students for Cricket, Football, and Badminton.
- xi) Separate Ladies room is available in each School.
- xii) The Solapur University Study Centre is located at Rang Bhavan in the heart of Solapur city and is a hub of academic activities throughout the year. The study centre is managed by librarian and support staff of the University. The study centre host over 10,000+ books that includes text books, reference books, books related to competitive examinations, magazines, News papers, etc. The UG, PG and students appearing for the competitive examinations avail this facility. The study centre caters to the needs of socially and economically weaker section of the society. The study centre is kept open 24 x 7 and feasting sight to witness the overflowing students during late hours of the day. Additionally, Guest House facility is available along with Study Centre.
- xiii) The University has ensured Express Feeder facility (uninterrupted power supply) by paying special deposit with Maharashtra State Electricity Board.

- xiv) In addition to the above facilities separate generators with various power capacities, invertors, UPS, solar street lights are used on the campus during power failure. High mast and CFL Lamps are used for economise the use of electricity.

4.1.2 Does the University have a policy for the creation and enhancement of infrastructure in order to promote a good teaching-learning environment? If yes, mention a few recent initiatives.

Yes.

As per the UGC Guidelines all the physical facilities are established to have a very good teaching and learning ambience.

Policy:

The available infrastructure is reviewed from time to time by the Management Council and the decision is taken to add to it as per the requirements arising out of new challenges in the field of teaching-learning and research.

The Vision 2020 documents prepared by the University are taken into consideration while deciding upon the policy regarding infrastructure enhancement.

Recent Initiatives:

In view of the recent advances in the field of ICT it was decided to provide LCD/DLP projectors to all the schools on the campus. Access to internet facility is made available to the staff and students. A few new sophisticated instruments have been installed in the Instrumentation Centre. The academic schools and administrative offices are facilitated with computers, printers/copiers, internet connectivity.

University has sent proposals for extension of existing infrastructure, Administrative Block, Women's Hostel (Minority), extension of existing buildings, etc.

In last five years following new buildings are constructed.

Sr. No.	Name of Building
1	School of Computational Sciences
2	School of Social Sciences, Ground Floor
3	Canteen
4	Instrumentation Centre
5	Ladies Hostel
6	Rector Quarter at Ladies Hostel
7	Mess Building at Girl's Hostel
8	Boys Hostel
9	Rector Quarter at Boy's Hostel
10	Boys Hostel Mess 1
11	Boys Hostel Mess 2
12	Convocation Stage
13	School of Earth Sciences
14	School of Social Sciences, First Floor

4.1.3 How does the University create a conducive physical ambience for the faculty in terms of adequate research laboratories, computing facilities and allied services?

University has provided adequate research laboratories for faculty members, project investigators and researchers. Cabin for teachers, Scholars, Laboratories, Instruments, Computational facilities, Library & e-journals, Software, Residence for Research Student, Guest House for staff to promote late night working, canteen etc. are established to the tune of Rs.412.70 Lakh.

UGC INFLIBNET services and J-GATE e-journals worth Rs.2.27 Lakh per year having 38659 e-journals are subscribed.

Internet server's worth average of Rs. 7.20 Lakh per year to all researchers in their cabin promotes research ambience and research spirit

4.1.4 Has the University provided all departments with facilities like office room, common room and separate rest rooms for women students and staff?

Yes.

University has provided separate office room, common rooms and separate rooms for women students and staff in all the schools.

4.1.5 How does the University ensure that the infrastructure facilities are disabled-friendly?

Ramp facilities are available at main building, in all academic schools, and boys and girls hostels.

4.1.6 How does the University cater to the requirements of residential students? Give details of

***Capacity of the hostels and occupancy (to be given separately for men and women)**

Solapur University has separate residential provision for boys and girls pursuing higher education on the campus. The boy's hostel has 10592 sq.m. built-up area for accommodating 200 students. The occupancy is 100%. Further, the girl's hostel has 1950 sq.m. built-up area for accommodating 133 students. It also has over 100% occupancy. The boy's hostel has a separate mess buildings and a Rectors' Residence. Similarly, girl's hostel has one mess building and a Rectors' Residence.

*** Recreational facilities in hostels like gymnasium, yoga centre etc.**

The University has separate gymnasium, indoor games/sports, table tennis, yoga training etc. for Boys and Girls Hostels. A total capital layout for the same is Rs 10 Lakhs. Additionally, the hostels are provided with 42" plasma LED TV and cable services, News papers and magazines are made available in reading room.

*** Broadband connectivity / wi-fi facility in hostels.**

Internet service is provided to both boys and girls hostels.

4.1.7 Does the University offer medical facilities for its students and teaching and non teaching staff living on campus?

Yes. The University has a 'Health Centre' with a qualified permanent doctor and pharmacist to cater the First Aid needs of teachers, students and non-teaching staff. A qualified full time nurse and a qualified visiting lady doctor (3 days a week) provide their assistance in smooth running of Health Centre. The medical services are provided free of cost. A vehicle is allocated to meet emergency needs. The following services are provided by Health Centre:

1. Primary diagnosis and management of all health problems
2. Medicines for primary management of all medical ailments
3. Minor & major dressings are done
4. Plaster slabs for patients having fractures
5. Nebulisation is given to patients having respiratory problems
6. IV fluids administration whenever needed

For other tests and treatment the patients are referred to the Government Medical College Hospital. University provides facility for Group Medical Insurance.

4.1.8 What special facilities are available on campus to promote students' interest in sports and cultural events/activities?

Sport Department:

Sports Department provides following kits and materials to students for different games such as Cricket, Football, Handball, Table Tennis etc. A capital investment has been made by the University to develop grounds for Cricket, Volleyball, Handball, Football, Tennis, etc.

Student's participation:

Students are encouraged to take part in Maharashtra State Krida Mahostav, West Zone Inter University and All India Inter University meets. Further, the students of Solapur University are recipient of various medals in most of these competitions.

Cultural Activities:

Various musical instruments are made available in the University for the cultural activities. A total cost of the instruments provided to students is Rs.0.75 Lakhs.

Cultural Events:

Youth festivals are organized at University, State, Zonal and National levels. The University being young takes the pride of mentioning that it has won awards in some of these events.

4.2 Library as a Learning Resource

4.2.1 Dose the library has an Advisory Committee? Specify the composition of the committee. What significant initiatives have been taken by the committee to render the library student/user friendly?

Yes. The Library Advisory Committee is statutory committee constituted as per Maharashtra Universities Act. XXXV-1994 u/s -75 (1) (a) to supervise the purchase of books and journals, infrastructure development and improvement in services to users of the library. The Library Advisory Committee consists of the following members:

Members of Library Advisory Committee

- | | | |
|--|---|---------------------|
| 1. Hon. Vice-Chancellor | - | Chairman; |
| 2. Three Deans of Faculties,
Nominated by the Vice-Chancellor; | - | Member |
| 3. Three Heads of the University institutions
Or departments, nominated by the Vice-Chancellor; | | Member |
| 4. Two teachers, nominated by the Academic Council;
From amongst its members; | | Member |
| 5. Registrar | - | Member |
| 6. Librarian | - | Member
Secretary |

The Library Advisory Committee nucleates and promotes user friendly activities such as:

- Providing proper organization and functioning of the library, documentation services and updating the stock of books.
- Providing the modernisation and improvement of library and documentation services.
- Providing inter-library loan facility.
- Providing Current Journals, e-Databases, e-Journals, e-Resources, Journal Holdings, News and Events, Reading Facilities.
- Providing reprographic facilities.
- Monitoring smooth working of the library

4.2.2 Provide details of the following:

- **Total area of the library** : 4499.66 Sq.mts.
- **Total seating capacity** : 215
 - Reading hall : 115
 - Reference/periodical Section : 40
 - Internet Section : 55
 - e-Resource Zone : 05
- **Working hours (on working days, on holidays, before examination, during examination, during vacation):**
 - Library is open throughout the year except on national holidays and Sundays.
 - Library is open from Monday to Saturday between 10:30 am and 6:00 pm
 - Library reading room is available from 07:00 am to 11:00 pm.
 - During examination period the library is open from 24x7 every day.
 - Study Centre Library in Solapur city is open between 10:30 am to 6:00 pm and its reading Hall is open from 7:00 am to 11:00 pm.

- **Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)**
 1. computers for research scholar and staff accessing the e-books, journals, reports and other materials.
 2. The reference section, with some selected journals for research purpose and periodical sections are for routine reading.
- **Clear and prominent display of floor plan; access to differently-abled users and mode of access to collection**
 1. Adequate sign boards to guide the visitors / users are displayed.
 2. Open access system is in operation for all members of the library.
 3. Fire extinguishers are installed at several places in library.
 4. The library staff assists differently-abled persons in obtaining specific documents, books, journals etc.

4.2.3 Give details of the library holdings:

a		Print Books	Back Volumes	Thesis	Total
		9893	526	1105	11524
b	Year	2011-12	2012-2013	2013-2014	
	Average Number of books added during the last three years	460	618	561	1639
		Average No. of Books : 546			
c	Non Print	Microfiche	----	AV(CD's)	136
d	E-Journals and E-Books	38,659 +			38,659
e	Special collections	Reference books, Atlases	571		571
		Encyclopedias, Handbook	115		115
		Donated Books Collection	2628		2628
f	Book Bank facility is not available				
g	Question Bank	Facility is available for all PG student			

4.2.4 What tools does the library deploy to provide access to the collection?

- SLIM21 software for automation is installed in the library.
- Bandwidth of 2 GBPS line through BSNL provides quick access to download the documents, in delivery system and Internet-Lab.
- Online search and full text e-journals are provided through UGC INFONET.
- **OPAC:**
- Library provides web OPAC facility to all library members.

Electronic Resource Management package for e-journals:

The Library has bought several e-resource packages to access e-journals and e-books. Some of them are: American Chemical Society, American Institute of Physics, Oxford University Press, SIAM Journals, J-STORE and Economics & Political Weekly. These e-resources are accessible from INFLIBNET Centre (an IUC centre of UGC).

Federated searching tools to search articles in multiple databases:

Library has an access to most referred e-journals federated searching facility from database. The search strategy includes Boolean Logic search, advanced searching option techniques for most documents.

Library Website:

Library is having its sub-domain under <http://su.digitaluniversity.ac> website of University

In-house/remote access to e-publication:

Library is planning to have connectivity to remote places for all e-resources through LAN.

4.2.5 To what extent is ICT deployed in the library? Give details with regard to :

* **Library automation:** The work of retro-conversion of library active collection was completed with SLIM21 integrated library software package in the year 2012. The bibliographic information about the collection is made available through library software. In addition to this, technical processing module for new purchase (data entry, bar code generation and pasting) and circulation module for issue and return of books have been initiated with the SLIM21 integrated library management software.

*** Total number of computers for general access:**

The library has 55 computers with high internet bandwidth with a view for browsing and sharing e-information (online/offline) and as a step towards paperless library.

*** Total number of printers for general access:**

One printer for public access is made available. Xerox machine is also made available for public access.

*** Internet band width speed □ 2Mbps. □10Mbps □ 1GBPS**

The internet bandwidth of 2 GBPS lease line is available.

*** Institutional Repository:**

Library has planned to develop following University repositories for the users:

- a) Article Repository: published research papers/articles of the faculty members.
- b) Conference proceedings conducted by the University departments.

*** Content management system for e-learning:**

Library plans to develop content management system to provide enhanced access to remote and local electronic resources for quick searches.

*** Participation in resources sharing networks/consortia (like INFLIBNET)**

University library has institutional membership with following organization for sharing e-resources.

INFLIBNET UGC Consortium

Through INFLIBNET institutional membership under UGC INFONET, Digital LIBRARY CONSORTIUM, the library gets free access to 1673+ online e-journals.

J-Gate Database

Library is member of J-Gate Database Informatics, Bangalore. Through J-Gate library an has access of 38,659 +e-journals.

4.2.6 Provide details (per month) with regard to

a	Average number of walk-ins	4500
b	Average number of books issued/returned	3000
c	Ratio of library books to students enrolled	10:1
e	Average number of books added during the last four years	546 per year
f	Average number of login to OPAC	---
g	Average number of login to e-resources	77
h	Average number of login e-resources downloaded/printed	125(Downloaded)
i	Number of IT (Information Technology) literacy training organized	02

4.2.7 Give details of specialized services provided by the library with regard to:

Manuscripts: Manuscripts are not available in library.

Reference:

A separate reference section fully equipped with encyclopedias, dictionaries, thesaurus, survey reports, government reports, reports of study teams of experts, M.Phil. Dissertations and Ph.D. Thesis submitted by candidates to this University are available to readers.

Reprography/Scanning:

One photo-copier in reprographic unit is available, to provide required part of book and bibliographic assistance, to reader/user.

Reprographic and scanning service is made available in library for students and staff.

Inter-library loan service:

The library extends Inter library loan service to other libraries, which is enhanced and effectively implemented through ICT tools. Scholarly resources such as books (reference books), journals articles (e-journals) e-resources etc. are shared with affiliated college libraries.

Information Deployment and Notification:

Yes.

In the beginning of each academic year, induction programs for fresher's are organized during their visit to the library. Display boards are available at various places.

For awareness of e resources, notification to various department are circulated.

OPAC:

Library provides OPAC facility to the users.

Internet Access:

Yes.

The library is well-equipped with high speed 2GBPS internet connectivity.

Downloads:

Yes.

The library has downloading facility for students and faculty. The e-resources (free and subscribed) are available in the library. Saving of information in Pen Drives and CD-ROMs is allowed

Printouts

Library gives printouts of on/off-line facilities on payment of three rupees per copy.

Reading list/ Bibliography compilation:

Yes.

The Library has maintained both manual and digital catalogues which offer the details regarding resource materials. As per DDC international standards they are arranged as per author index. Index of thesis during (2004-2014).

List of e-journals**In-house/remote access to e-resources:**

Library gives in-house/remote access to department through LAN.

User Orientation:

Yes.

Orientation is provided to fresh reader when they visit the library and as and when necessary.

Assistance in searching Databases:

Library staff assists in searching of e-resources available on various databases, the federated search facility.

INFLIBNET/IUC facilities:

Yes.

INFONET Shodhganga to check the subjects/titles of the thesis submitted in other universities is in use through INFLIBNET.

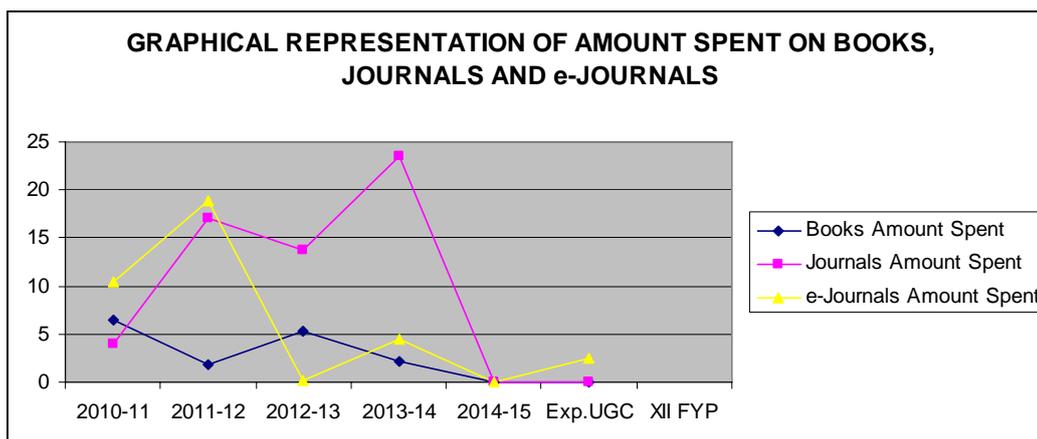
INFONET Consortia facility is made available.

4.2.8 Provide details of the annual library budget and the amount spent for purchasing new books and journals.

Year	Budget Allocated (All Department)	Books Amount Spent	Journals Amount Spent	e-Journals Amount Spent	Total Amount Spent
2010-11	37.75	6.45	3.97	10.42	16.87
2011-12	39.40	1.74	17.10	18.84	35.94
2012-13	40.40	5.28	13.77	0.17	19.22
2013-14	40.65	2.14	23.55	4.43	30.12
2014-15	37.65	*	*	*	*
Exp.UGC XII FYP	10.00	*	*	2.53	2.53

(Figure in Lakh) * Billing in process





4.2.9 What initiatives has the University taken to make the library a happening place ‘on campus?’

- Book exhibition.
- Extend time for library reading room during examination period.
- Provide aesthetic look to library

4.2.10 What are the strategies used by the library to collect feedback from its users/ How is the feedback analyzed and used for the improvement of the library services?

A formal mechanism to obtain feedback on curriculum from students has been introduced from the academic year 2013-14. Few questionnaires on library facilities are incorporated in the feedback form. The feedback collected from the student is analyzed in the various categories such as holdings, service and other such matters. The library committee analyzes the feedback to improve the quality in its service.

4.2.11 List of the efforts made towards the Information development of the library in the last four years.

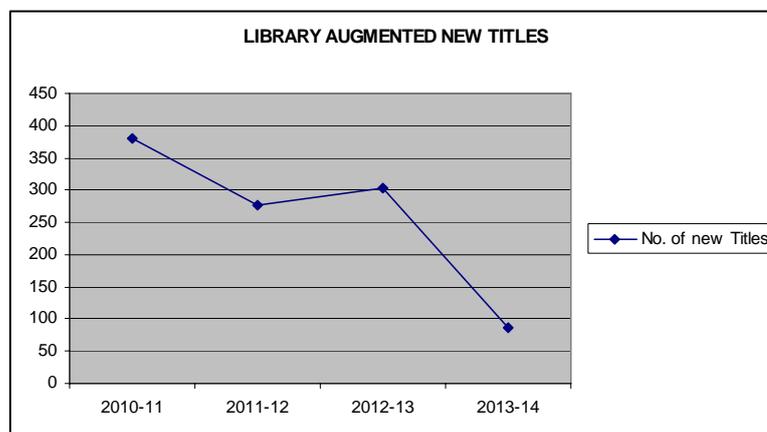
1. Library has installed display boards at various places.
2. Library Automation of books has been successfully completed.
3. Library provides Internet facility for its users.

Library as a Learning Resource:

1. The library has adequate physical facilities such as reading room, reprography and internet.
2. 10 Book titles per student excluding book bank (in the central library).
3. The library is stocked with adequate number of (National and International) journals and other library resources (i.e. CDs/ cassettes, etc.).
 - National Journals : 114
 - International Journals : 31
 - CDs/ cassettes : 136
 - e-resources : INFLIBNET, J-Gate Database

4. Library resources are augmented every year with newer editions and titles the details are as stated below :

Sr. No.	Academic Year	No of new Titles	No. of Copies
1	2010-11	381	642
2	2011-12	277	461
3	2012-13	303	619
4	2013-14	86	94



5. The library operations (issue of books, getting the necessary references, etc) are effective and user-friendly in the terms of
- Issue of books
 - Arranging necessary references
 - Guidance for e-resources
6. The Library Advisory Committee is responsible for the effective functioning of the library.
7. The library collects feedback from users and incorporates the suggestions for its enhanced functioning.
8. The library is computerized and networked with other libraries is proposed in near future.

4.3 IT Infrastructure

4.3.1 Does the University have a comprehensive IT policy with regards to

- **IT service management:** Solapur University has obtained its own domain name www.sus.ac.in and has deployed the website onto Google cloud server. Through the adoption of Google apps for education institution. University gets the services like mail service for education, text, voice and video instant messaging application, hangouts, calendar, cloud based file storage, online office productivity tools for real-time collaboration, etc. It also provides solution for advanced portal building for the University. For the examination related activities MKCL's IT services are utilized.
- **Information security:** Integrated cloud security with granular on line access and policy Google apps for education.
- **Network security:** Firewall provides extensive security for our data and it also provides the categorization of different users in multiple levels and provision to grant different types of access methods.

- **Risk management:** The Google apps for education covered services will be available to the customer at least 99.9% of the time in any calendar month.
- **Software asset management:** Scientific tools and software are purchased by different departments and schools based on user needs for conducting their curriculum.
- **Open source resources:** University has initiated the training and implementation of use of open source software in collaboration with “Spoken tutorial” – IIT Mumbai. Spoken tutorial is an initiative of National Mission on Education through ICT, Government of India, to promote IT literacy through Open Source Software.
- **Green computing:** Institution prefers energy star devices while procuring computers, monitors, peripherals, servers, UPS and other IT accessories. From the establishment of University none of such devices are disposed in any manner, which could harm the environment in any way. A policy of buy-back is in practice to dispose the old and unusable hardware while procuring the new one.

4.3.2 Give details of Universities Computing facilities i.e. hardware and software

- Number of systems with individual configurations

Sr No	System Manuft.	Configuration	Display	Input Devices	Optical	Total Systems
School of Physical sciences						
1	HCL-G41M-ES2L	Dual Core 2.6 GHz, 2 GB Ram, 160 GB HDD	16.5 Led 13 No. 01 Single Lence Projector	MM K.B. & Mouse 13	3 DVD R/w	14 Nos.
2	HCL	Core i3 3.20 GHz, 3 GB Ram, 320 GB HDD	18.5 Led 06 No. 16.5 Led 01 No.	16 MM K.B. & Mouse	6 DVD R/w	07 Nos.
3	hp	Core i3 3.40 GHz, 4 GB Ram, 500 GB HDD	18.5 Led 20 No.	Hp MM K.B. & Mouse 14	20 DVD R/w	20 Nos.
4	HCL-915	P4 2.93 GHz, 1 GB Ram, 40 GB HDD	15" Zenith CRT	Zenith Keyboard & Logitech Mouse	1 DVD R/w	02 Nos.
5	Lenovo	Core i3 3.1 GHz, 2 GB Ram, 500 GB HDD	18.5 Led Lenovo	Lenovo MM K.B & Mouse	1 DVD R/w	01 Nos.
6	HCL	P4 2.8 GHz, 1 GB Ram, 80 GB HDD	17" & 15" Zenith CRT 1	Zebian K.B. & Mouse	1 CD R/w	02 Nos.

7	Compaq	Core i3 3.20 GHz, 2 GB Ram, 500 GB HDD	20" Compaq Led	Compaq MM K.B & Mouse	2 DVD R/w	02 Nos.
8	Compaq	Amd Athlon DC 4000+, 1 GB Ram, 320 GB HDD	20" Compaq Led	Compaq MM K.B & Mouse	1 DVD R/w	01 Nos.
						49 Nos.
School of Chemical sciences						
1	hp	Core i3 3.40 GHz, 4 GB Ram, 500 GB HDD	18.5 Led 20 No.	Hp MM K.B. & Mouse 14	20 DVD R/w	20 Nos.
2	HCL-G41M-ES2L	Dual Core 2.6 GHz, 2 GB Ram, 160 GB HDD	16.5 Led 10 No.	MM K.B. & Mouse	02 DVD R/w	10 Nos.
3	hp	Core i3 2.8 GHz, 2 GB Ram, 500 GB HDD	18.5 Hp Led	Hp MM K.B. & Mouse	1 DVD R/w	01 Nos.
4	HCL	Dual Core 1.8 GHz, 512 Mb Ram, 160 GB HDD	16.5 Led 10 No.	MM K.B. & Mouse	01 DVD R/w	01 Nos.
						32 Nos.
School of Earth sciences						
1	HCL-G41M-ES2L	Dual Core 2.6 GHz, 2 GB Ram, 160 GB HDD	18.5 Led 01 No. 16.5 Led 06 No.	01 Hp 2411 Scanner Hp 06 MM K.B. & Mouse	1 DVD R/w	09 Nos.
2	HCL	Core i3 3.20 GHz, 3 GB Ram, 320 GB HDD	16.5 Led 01 No.	02 MM K.B. & Mouse	2 DVD R/w	11 Nos.
3	HCL	Core i3 3.20 GHz, 3 GB Ram, 320 GB HDD	18.5 Led 17 No.	16 MM K.B. & Mouse	1 DVD R/w	18 Nos.
						38 Nos.
School of Computational Sciences						
1	HCL	Dual Core CPU E2200, 2.2 GHz, 2 GB Ram, 160 GB HDD	15 Inch LED	K.B. & Mouse	Nil	200 Nos.

School of Social Sciences						
1	HCL-G41M-ES2L	Dual Core 2.6 GHz, 2 GB Ram, 160 GB HDD	16.5 Led 14 No.	MM K.B. & Mouse 14	4 DVD R/w	16 Nos.
2	hp	Core i3 3.40 GHz, 4 GB Ram, 500 GB HDD	18.5 Led 20 No.	Hp MM K.B. & Mouse 14	20 DVD R/w	20 Nos.
						36 Nos.
School of Education						
1	HCL	Dual Core CPU E2200, 2.2 GHz, 2 GB Ram, 160 GB HDD	15 Inch LED	K.B. & Mouse	Nil	09 Nos.
School of Commerce and Management						
1	HCL	Dual Core CPU E2200, 2.2 GHz, 2 GB Ram, 160 GB HDD	15 Inch LED	K.B. & Mouse	Nil	02 Nos.
Health Center						
1	HCL-G41M-ES2L	Dual Core 2.6 GHz, 2 GB Ram, 160 GB HDD	16.5 Led 02 No.	MM K.B. & Mouse	02 DVD R/w	02 Nos.
						02 Nos.
Board of College and University Development Section						
1	HCL-G41M-ES2L	Dual Core 2.6 GHz, 2 GB Ram, 160 GB HDD	18.5 Led 02 No. 16.5 Led 05 No.	MM K.B. & Mouse 07	03 DVD R/w	07 Nos.
2	HCL	Core i3 3.20 GHz, 3 GB Ram, 320 GB HDD	18.5 Led 05 No. 16.5 Led 01 No.	MM K.B. & Mouse 06	06 DVD R/w	06 Nos.
3	HCL	P4 2.8 GHz, 1 GB Ram, 40 GB HDD	16.5 Led 01 No. & 15" CRT 2 No.	Logitech K. B. & Mouse	03 DVD R/w	03 Nos.

4	HCL	Dual Core 1.8 GHz, 2 GB Ram, 160 GB HDD	15" CRT 2 No.	Zenith K. B. & Mouse	01 DVD R/w	01 Nos.
5	Compaq	Dual Core 1.8 GHz, 2 GB Ram, 160 GB HDD	15" CRT 2 No.	Zenith K. B. & Mouse	01 DVD R/w	01 Nos.
6	hp	Core i3 3.4 GHz, 4 GB Ram, 500 GB HDD	18.5 Led	Logitech K. B. & Mouse	01 DVD R/w	01 Nos.
7	HCL	Dual Core 2.2 GHz, 2 GB Ram, 160 GB HDD	18.5 Led	Logitech K. B. & Mouse	N/a	01 Nos.
						20 Nos.
General Administration Section						
1	HCL-G41M-ES2L	Dual Core 2.6 GHz, 2 GB Ram, 160 GB HDD	16.5 Led	MM K.B. & Mouse	N/a	11 Nos.
2	HCL	Dual Core 1.8 GHz, 512 Mb Ram, 160 GB HDD	16.5 Led	MM K.B. & Mouse	5	5 Nos.
3	HCL	Dual Core 2.2 GHz, 1 GB Ram, 80 GB HDD	16.5 Led	MM K.B. & Mouse	N/a	1 Nos.
4	HCL	Dual Core 2.2 GHz, 2 GB Ram, 160 GB HDD	16.5 Led	MM K.B. & Mouse	2	3 Nos.
5	HCL	Core i3 3.20 GHz, 3 GB Ram, 320 GB HDD	18.5 Led 05 No. 16.5 Led 02 No.	MM K.B. & Mouse	6	07 Nos.
6	HCL	P4 2.93 GHz, 512 Mb Ram, 40 GB HDD	16.5 Led	MM K.B. & Mouse	1	01 Nos.
7	hp	Core i3 3.4 GHz, 4 GB Ram, 500 GB HDD	18.5 Led	Hp K. B. & Mouse	1	01 Nos.
						29 Nos.

Finance and Account Section						
1	HCL-G41M-ES2L	Dual Core 2.6 GHz, 2 GB Ram, 160 GB HDD	16.5 Led 05 No.	MM K.B. & Mouse	2	06 Nos.
2	HCL	Core i3 3.20 GHz, 3 GB Ram, 320 GB HDD	18.5 Led	MM K.B. & Mouse	4	05 Nos.
3	hp	Core i3 3.4 GHz, 4 GB Ram, 500 GB HDD	18.5 Led	Hp K. B. & Mouse	3	03 Nos.
4	HCL	Dual Core 1.8 GHz, 512 Mb Ram, 160 GB HDD	16.5 Led	MM K.B. & Mouse	2	02 Nos.
						16 Nos.
Library						
1	HCL	Core i3 3.20 GHz, 3 GB Ram, 320 GB HDD	18.5 Led	MM K.B. & Mouse	13	18 Nos.
2	HCL	Core i3 3.20 GHz, 3 GB Ram, 320 GB HDD	16.5 Led	MM K.B. & Mouse	12	12 Nos.
3	hp	Core i3 3.4 GHz, 4 GB Ram, 500 GB HDD	18.5 Led	Hp K. B. & Mouse	30	30 Nos.
4	HCL-G41M-ES2L	Dual Core 2.6 GHz, 2 GB Ram, 160 GB HDD	16.5 Led 03 No. 18.5 Led 02 No.	MM K.B. & Mouse	1	06 Nos.
						66 Nos.

Examinations Section					
Sr.	Section Name	System Manuft.	Configuration	Qty.	Total Quantity
1	DATA ENTRY ROOM	hp pro 3330	Core i3 3.39GHz , 2gb ram, 500GB HDD,DVD W/R,K/B Mouse	13	23
		HCL	1)Core i3 3.20GHz, 3.gb Ram, 500gb HDD DVD R/W 7 K/B Mouse 8 2)Dual Core 2.20GHz, 2gb Ram,160gbHDD K/B Mouse 2	8 2	
2	COE Office	hp pro 3330	Core i3 3.39GHz , 2gb ram, 500GB HDD, DVD W/R,K/B Mouse	1	1
3	EXTER-NAL Section	hp pro 3330	Core i3 3.39GHz , 2gb ram, 500GB HDD, DVD W/R,K/B Mouse	1	4
		HCL	Dual Core 2.20GHz, 2gb Ram, 160gb HDD K/B3 Mouse3	3	
4	TIME TABLE Section	HCL	1)Core i3 3.20GHz, 3.gb Ram, 500gb HDD DVD R/W 1 K/B Mouse 1	1	2
			2)Pentium 4 2.20GHz, 2gb Ram,160gb HDD K/BMouse 2	1	
5	CONVO-CATION Section	HCL	Dual Core 2.20GHz, 2gb Ram, 160gb HDD K/B1 Mouse1	1	2
			2)Pentium 4 2.20GHz, 2gb Ram,160gb HDD K/BMouse 1	1	
6	MIGRAT-ION BILLING Section	hp pro 3330	Core i3 3.39GHz , 2gb ram, 500GB HDD, DVD W/R,K/B1Mouse 1	1	3
		HCL	1)Core i3 3.20GHz, 3.gb Ram, 500gb HDD DVD R/W 2 K/B Mouse 2	2	
7	MKCL Section	HCL	1)Core i3 3.20GHz, 3.gb Ram, 500gb HDD DVD R/W 4 K/B Mouse 4	4	4
8	ASST. REGISTRAR	hp pro 3330	Core i3 3.39GHz , 2gb ram, 500GB HDD, DVD W/R,K/B1 Mouse 1	1	1
9	ASST. REGISTRAR	Hp pro 3330	Core i3 3.39GHz , 2gb ram, 500GB HDD,DVD W/R,K/B1 Mouse 1	1	3
		HCL	1)Core i3 3.20GHz, 3.gb Ram, 500gb HDD DVD R/W 2 K/B Mouse 2	2	
10	PHOTOCOPY	HCL	1)Core i3 3.20GHz, 3.gb Ram, 500gb HDD DVD R/W 2 K/B Mouse 2	2	2
11	Ph.D. M.Phil.	HCL	1)Core i3 3.20GHz, 3.gb Ram, 500gb HDD DVD R/W 3 K/B Mouse 3	3	3

12	ARTS Section	hp pro 3330	Core i3 3.39GHz , 2gb ram, 500GB HDD,DVD W/R,K/B1 Mouse 1	1	5
		HCL	1)Core i3 3.20GHz, 3.gb Ram, 500gb HDD DVD R/W 4 K/B Mouse 4	4	
13	SCIENCE Section	hp pro 3330	Core i3 3.39GHz , 2gb ram, 500GB HDD, DVD W/R,K/B1 Mouse 1 SHRAP AR-55160 XEROX	1	2
		HCL	1)Core i3 3.20GHz, 3.gb Ram, 500gb HDD DVD R/W 2 K/B Mouse 2	1	
14	CONFIDENTIAL Section	HCL	1)Core i3 3.20GHz, 3.gb Ram, 500gb HDD DVD R/W 1 K/B Mouse 1	1	1
15	ENGINEERING Section	hp pro 3330	Core i3 3.39GHz , 2gb ram, 500GB HDD,DVD W/R,K/B1 Mouse 1	1	5
		HCL	1)Core i3 3.20GHz, 3.gb Ram, 500gb HDD DVD R/W 4 K/B Mouse 4	4	
16	EDUCATION Section	HCL	1)Core i3 3.20GHz, 3.gb Ram, 500gb HDD DVD R/W 1 K/B Mouse 1	1	1
17	COMMERCE Section	hp pro 3330	Core i3 3.39GHz , 2gb ram, 500GB HDD,DVD W/R,K/B1 Mouse 1	1	4
		HCL	1)Core i3 3.20GHz, 3.gb Ram, 500gb HDD DVD R/W 3 K/B Mouse 3	3	
18	SYSTEM ANALYST	HCL	1)Core i3 3.20GHz, 3.gb Ram, 500gb HDD DVD R/W 1 K/B Mouse 1	1	1
19	PROGRAMMER	HCL	1)Core i3 3.20GHz, 3.gb Ram, 500gb HDD DVD R/W 1 K/B Mouse 1	1	1
20	PRINTER ROOM	HCL	1)Core i3 3.20GHz, 3.gb Ram, 500gb HDD DVD R/W 3 K/B Mouse 3	3	7
			Lipi 6312, Lipi 2250 Lipi T6100, Lipi Tally 6800	4	
				Total	77
				Grand Total	576

- Computer:student ratio

Sl. No.	School Name	Ratio (systems : students)
1.	School of Physical Sciences	1 : 3 (49 : 114)
2.	School of Chemical Sciences	1 : 5 (32 : 162)
3.	School of Computational Sciences	2 : 3 (200 : 312)
4.	School of Earth Sciences	2 : 3 (38: 55)
5.	School of Social Sciences	1: 4 (33: 127)
6.	School of Education	(0 : 8)
7.	School of Management	(0 : 59)
TOTAL		1 : 3 (352 : 837)

- Dedicated computing facilities:

- LAN facility

Sl. No.	School Name	Facilities available
1.	School of Physical Sciences	14 computers in LAN
2.	School of Computational Sciences	3 Labs with internal LAN having 60 systems each

- Proprietary software

Sl. No.	School Name	Software available
1.	School of Physical Sciences	Matlab and Simulink Version R 2013(b)
3.	School of Computational Sciences	MS Office, Matlab, Minitab, Oracle, MS Visual Studio 6.0
4.	School of Earth Sciences	Arc GIS and Erdas Software

- Number of nodes/computers with internet facility

Sl. No.	School Name	Number
1.	School of Physical Sciences	19
2.	School of Chemical Sciences	32
3.	School of Earth Sciences	06
4.	School of Computational Sciences	14
5.	School of Social Science	36
6.	School of Education	09
7.	School of Commerce and Management	02
8.	General Administration	29
9.	Board of College and University Development	20
10	Health Centre	02
11	Examinations	77
12	Finance and Accounts Section	16
13	Library	66
14	Hostel	10
TOTAL		302

- Any others: Biometric time attendance system.

4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

The institution plans to come out with a comprehensive policy for procuring state-of-art technology related to IT infrastructure. Shortly the University will have campus network (through NME-ICT) which will enable us to maintain the centralized, secured and shared teaching /learning and other resources. Institution is under the process of establishing a well equipped centralized facility for video conferencing and virtual class room. Institution also plans to establish a centralized computing facility which can be utilized by all the students and faculty on the campus.

4.3.4 Give details on access to online teaching and learning resources and other knowledge and information database/packages provided to the staff and students for quality teaching, learning and research

UGC – INFLIBNET which provides access to 1673 journals and J – Gate, which provide access to 38659 journals are available at the Central Library for access to teaching staff and students.

4.3.5 What are the new technologies deployed by the University in enhancing the student learning and evaluation during the last four years and how do they meet new/future challenges?

Google apps for Education University is in the process to provide every teacher the requisite web space to upload notes, notices, research articles, research findings and any other academic documents which could be shared among the students and research community. CGPA has been introduced, virtual classroom and video conferencing facilities are being implemented in some schools, Class rooms are equipped with LCD projectors, interest-free loan for all teachers to purchase PC/Laptop, internet access.

Digital question paper delivery system has been introduced in some courses for the November/December 2014 examination. Computerized coding and decoding of answer books and computerized marks entry system has also been implemented for some courses on pilot basis.

4.3.6 What are the IT facilities available to individual teachers for effective teaching and quality research?

Resources from Google apps for Education, PC, Internet facility, LCD, printing facilities, software like Matlab, Mintab wherever needed.

4.3.7 Give details of ICT – enabled class rooms/learning spaces available within the University? How are they utilized for enhancing the quality of teaching and learning?

All schools have LCD projector facility. Schools of Earth Sciences and Commerce and Management have the virtual classroom and video conferencing facilities.



4.3.8 How are the faculty assisted in preparing computer – aided teaching – learning materials? What are the facilities available in the University for such initiatives?

Power point presentation with the help of Chemdraw software, Teaching / learning materials are prepared by teachers in their individual capacity.

4.3.9 How are the computers and their accessories maintained?

University has appointed two qualified and trained computer hardware engineers on temporary basis to maintain computers, printers, servers, LAN and telephone communication network, etc. New purchased computers and related hardwares are maintained by company engineers, under Warranty for first 3-5 years and thereafter by extended AMC.

4.3.10 Does the University avail of the National Knowledge Network connectivity? If so, what are the services availed of?

Yes.

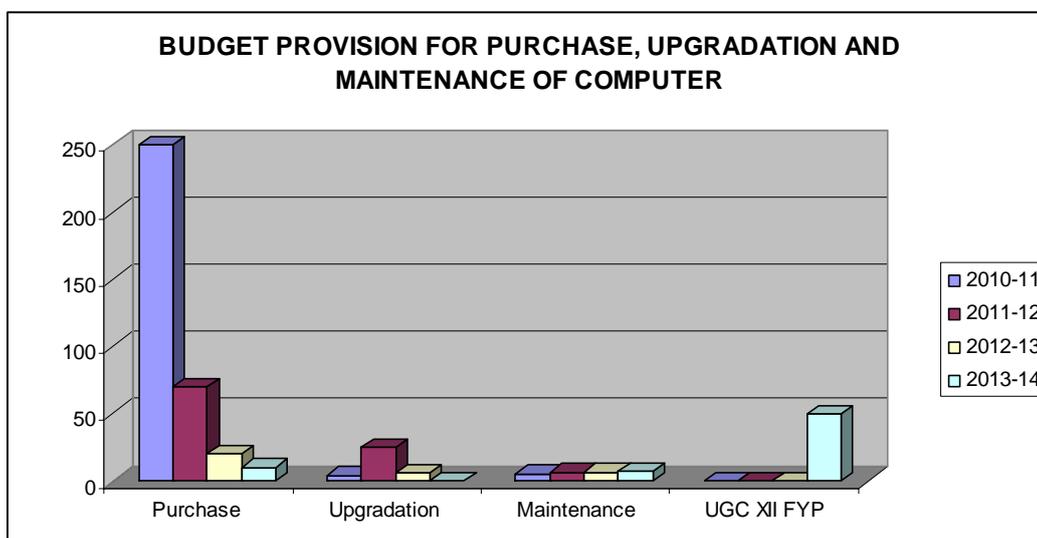
University has proposed National Knowledge Network connectivity and some of Rs. 40 Lakh has been remitted for the purpose.

4.3.11 Does the University avail of web resources such as Wikipedia, dictionary and other education enhancing resources? What are its policies in this regard?

These features are individually used and available for all users at Central Library.

4.3.12 Provide details on the provision made in the annual budget for the update, development and maintenance of computers in the University.

Sr. No	Budget provision for computers	Year (Rs. In Lakh)			
		2010-11	2011-12	2012-13	2013-14
1.	Purchase	250.00	70.00	20.00	10.00
2.	Upgradation	04.00	25.00	06.00	-
3.	Maintenance	05.30	06.85	06.45	07.50
4.	UGC XII FYP	-	-	-	50.00
TOTAL		259.30	101.85	32.45	67.50



4.3.13 What plans have been envisioned for the gradual transfer of teaching and learning from closed University information network to open environment?

Currently Solapur University is functioning as closed University information network, where the information sharing (including the teaching and learning resources) happens at the individual teacher and students' level. University plans to transform itself to a open environment through the sharing of teaching and learning resources by maintaining the University level, centralized high end data servers and other supporting hardware and software facilities. The access to these resources will be made available to outside University through the internet facility.

4.4 Maintenance of Campus Facilities

4.4.1 Does the University have estate office/designated officer for overseeing the maintenance of buildings, classrooms and laboratories? If yes, mention a few campus specific initiatives undertaken to improve the physical ambience.

Yes.

University engineering section is headed by the Registrar with the following officials working at his instructions.

1. University Engineer
2. Junior Engineer
3. Asst. Registrar
4. Plumber
5. Carpenter
6. Electrician
7. Clerk
8. Assistant superintendent

University engineering section is functioning for all works related to construction and maintenance of the real estate on 517.5 acres of University land and infrastructural facilities available on campus.

Specific initiatives:

- For all Building maintenance tender and A.M.C are floated and the rates are as per D.S.R for the region.
- For wet cleaning and dry cleaning of the various building on the campus through outsourcing of manpower.
- Gardeners are appointed on contract basis.
- Security persons are appointed on contract basis.

4.4.2 How are the infrastructure facilities, services and equipments maintained? Give details

Library – University has incepted new computer laboratory in library housed with 55 PCs. New purchased computers and related hardwares are maintained by company engineers, under warranty for first 3-5 years and thereafter by extended AMC.

Sports complex - Volley ball ground, Cricket ground, Kho - kho ground, Athletic track with basic facilities are developed for student purpose.

Computers - For all students and staff of various schools computers are provided Classrooms and research laboratory have internet facilities for quality teaching and learning activities.

Classroom - As per the requirement of school, the classroom and laboratory are maintained and upgraded.

Guest House - All rooms are furnished with basic amenities. Internet connection, intercom phone etc. are provided in the guest house rooms. Solar powered water heater supply hot water and thus contribute to green campus.

Equipments - Sophisticated instruments maintenance by making A.M.C. An adequate numbers and various types of fire extinguisher are installed at various places in all the buildings on campus.

Budget details - Maintenance budget is as stated below:

		10-11 Budget Esti.	10-11 Actual Expe.	11-12 Budget Esti.	11-12 Actual Expen.	12-13 Budget Esti.	12-13 Actual Expen.	13-14 Budget Esti.	13-14 Actual Expen.
a	Building money and coloring	10.00	05.25	10.00	06.80	10.00	08.35	20.00	12.21
b	Maintenance of Electrical System and Electrical appliances	-----	-----	02.00	01.44	05.00	02.73	05.00	03.31
c	Maint of Garden & purch of Material Input (Garden)	04.00	05.71	06.00	00.10	05.00	00.15	01.00	00.81
Maintenance/Repairs and other Vehicle Expenses									
d	i) Hon'ble V.C vehicle	02.5	01.71	03.00	02.19	02.00	02.29	02.00	01.30
e	ii) Other Vehicle	07.00	04.69	09.00	10.56	10.00	09.61	07.00	04.37
f	iii)Generator	----	-----	-----	01.00	00.25	00.23	00.20	00.07
g	p)Maintenance & Purchase of Plumbing recurring material	0	0	0	0	0	0	02.00	01.90

Criterion – V

**Student Support
and
Progression**

CRITERION V: STUDENT SUPPORT AND PROGRESSION

5.1 Student Mentoring and Support

5.1.1 Does the University have a system for student support and mentoring? If yes, what are its structural and functional characteristics?

Yes.

The University has institutionalized support system in various form such as:

- i) **Earn and learn scheme** (to support students coming from economically weaker section): Students are paid on hourly basis for their involvement in the maintenance of library and University other miscellaneous work.
- ii) **Departmental Research Fellows (DRF)**: Financial assistance of Rs 10,000/- per month for a block of two years is provided to at least one Ph.D. research scholar in every department/subject through selection process on merit basis. Additionally, the fellow is provided Rs.5000/- as contingency. The research progress of the scholars is regularly evaluated by the departmental committee. The scholars are entrusted with certain responsibilities such as conducting four theory classes per week and maintenance of the laboratories.
- iii) **Departmental library**: All the schools have their own library facility for the students in addition to the University Central Library.
- iv) **Scholarships**: All the GOI scholarship benefits are provided to the students, 5 % relaxation in marks for admission for socially backward and differently-able students.
- v) **e-Suvidha**: The information is provided through the e-Suvidha link on the University website.
- vi) **Remedial coaching**: Through BARTI for socially marginalized students of the society.
- vii) **Poor Students Aid Funds**: The scheme is implemented in two levels; College and University departments. The student's aid funds in college is managed and maintained by the college. The University students aid fund of Rs.2.80 Lakhs is managed and maintained by the University. The poor students are given bursary during field study and educational tour at the rate of Rs. 40 per day
- viii) **Students and Staff Insurance Scheme**: The students in affiliated colleges and University Departments are provided Rs. 1 lakh insurance coverage with nominal premium of Rs. 15/- per year. The TATA-AIG Pvt. Ltd. Operates the scheme. The premium is collected at the time of admission.

5.1.2 Apart from classroom interaction, what are the provisions available for academic mentoring?

Various facets of the students talent is nurtured by the teacher mentor while conducting Tutorials, Seminars, Visiting/Guest faculty, internal evaluation through Projects, Quiz, Unit tests, field training in R&D institutions and training with scientists and academicians.

To enhance the quality of education, University library is upgraded by adding new journals, text books, reference books every year. NET Lab

is available with a seating capacity of over 50 students at a time. This laboratory is used for online journal referencing. e-Journal reading through INFLIBNET subscription, etc. Students are also encouraged to participate in cultural and sports activities, conferences and seminars/workshops, etc. to have overall mentoring.

5.1.3 Does the University have any personal enhancement and development schemes such as career counseling, soft skill development, career-path-identification, and orientation to well-being for its students? Give details of such schemes.

Yes.

The admitted students are grouped in small teams of 6 to 8 depending on the student strength. The teaching staff is allotted to the team who monitor their personal, social, cultural, academic, etc. aspects. The mentor teacher also looks into the development of soft skill, career path-identification and orientation the student in targeting the desired goals.

University has UPSC/MPSC examination guidance and training centre which is funded by BARTI (Babasaheb Ambedkar Research and Training Institute), Govt of Maharashtra.

Moreover, efforts are being taken for conducting quiz competitions, organizations of sports activities, coaching for NET /SET examination, specialization counseling, exposure to ICT and soft skills, personality development seminars, field campus, holistic development of students by debate and other similar activities, inter-University sports activities and Youth Festivals. Students are also oriented towards social aspects such as NSS, plantation, premises cleaning etc. Few teachers co-ordinate in conducting campus interviews for recruitment in MNC, Public and Private Companies.

5.1.4 Does the University provide assistance to students for obtaining educational loans from banks and other financial institutions?

Yes.

University administration liaisons and provide the necessary documentary support for obtaining educational loans to students from the banks.

5.1.5 Does the University publish its updated prospectus and handbook annually? If yes, what are the main issues / activities / information included / provided to students through these documents? Is there a provision for online access?

Yes.

University publishes updated prospectus every year for admissions to PG, courses. The prospectus contains intake capacity, fee structures, hostel rules and fees, contact telephone numbers of all the schools, department profiles, placement details, infrastructure and the course structures. Thus the prospectus highlights the academic landscape of University campus. Further, the University publishes separately prospectus for M.Phil. and Ph.D. courses indicating the rules and regulations of admission process.

Yes.

University has online access to the prospectus along with online filling and submission of entrance admission forms for all the courses.



5.1.6 Specify the type and number of University scholarships / freeships given to the students during the last four years. Was financial aid given to them on time? Give details (in a tabular form) for the following categories UG/PG/M.Phil./Ph.D./Diploma/others (please specify)

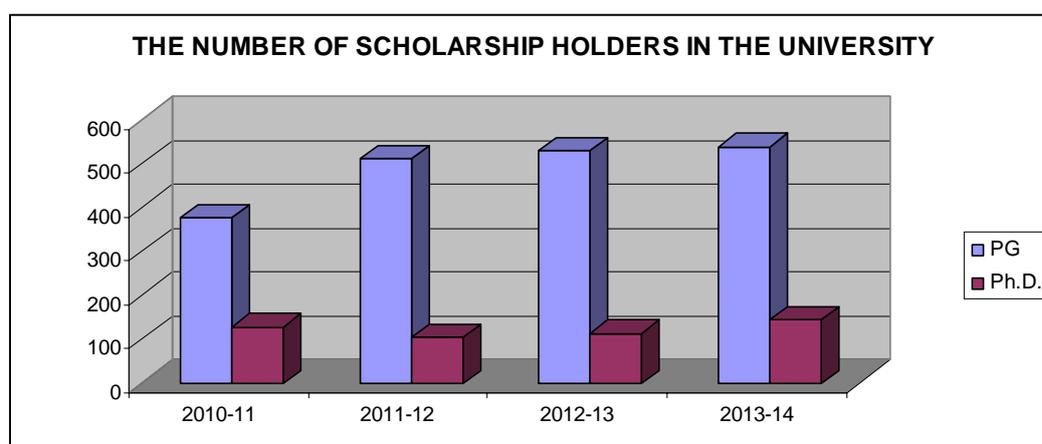
The University facilitates and provides various scholarships and freeships to its students under various government schemes, including its own initiatives. They are as follows:

- i) Earn and Learn Scheme to support students coming from economically weaker section.
- ii) Departmental Research Fellowship for Ph.D. Scholars.
- iii) UGC-CSIR JRF/SRF for Ph.D. Scholars.
- iv) Rajiv Gandhi fellowship for SC/ST Ph.D. Scholars.
- v) EBC and minority scholarships of Government of Maharashtra.
- vi) Primary Teacher Scholarship.
- vii) Maulana Azad Scholarship.
- viii) Project Fellows, Women Scientist and research assistantship in funded research projects.
- ix) DST Inspire scholarship.
- x) Single Girl Child scholarship.
- xi) Government of Maharashtra freeships for socially backward classes, Ex-servicemen and Eklavya scholarships.

Financial aid is given on time to all students.

The number of beneficiaries during the last four years is as follows:

Year	UG	PG	M.Phil.	Ph.D.	Post Doc
2010-11	-	375	-	128	-
2011-12	-	510	-	105	-
2012-13	-	528	-	113	-
2013-14	-	538	-	144	-



5.1.7 What percentage of students receives financial assistance from state government, central government and other national agencies (Kishore Vaigyanik Protsahan Yojana (KVPY), SN Bose Fellow, etc.)?

Academic Year	State Govt %	Central Govt %	Other National Agencies %
2010-11	8.00%	36.00%	-
2011-12	9.00%	47.00%	-
2012-13	10.00%	49.00%	-
2013-14	13.00%	50.00%	-

5.1.8 Does the University have an International Student Cell to attract foreign students and cater to their needs?

No.

However, the University envisages to establish an International Students cell in the sprawling 482 acres campus.

5.1.9 Does the University provide assistance to students for obtaining educational loans from banks and other financial institutions?

Yes.

University administration liaisons and provide the necessary documentary support for obtaining educational loans to students from the banks.

5.1.10 What types of support services are available for:

- **Overseas students: No**
- **Physically challenged / differently-abled students:**
University disburses physically challenged scholarships and 3% reservation as per the government norms. Ramps are constructed for their easy access to classrooms. Moreover, they are also given half an hour extra time for examinations.
- **SC/ST, OBC and economically weaker sections:**
SC, ST, OBC, NT, SBC & EBC Scholarship and freeships as per the Government norms. 5% relaxation of marks is given for admissions to SC/ST students.
- **Students participating in various competitions/conferences in India and abroad:**
Registration is provided at the concessional rate for the students. The students are provided travel assistance and daily allowances to sports persons.
- **Health centre, health insurance etc.**
Primary Health Care Centre is available on the campus where free medicines and support services are provided. The University has health insurance scheme for its students and staff. The operations of insurance are with TATA AIG- insurance Pvt. Ltd.
- **Skill development (spoken English, computer literacy, etc.)**
Every Department/School has computer laboratory with internet facility for its students. Academic programs have special ICT based course/paper in its curriculum.

- **Performance enhancement for slow learners :**
The students scoring less than B+ are slow learners who need special attention and guidance. The slow learners are identified through dynamic interaction in the class and laboratory. Such students are given attention and counseling for enhancing the learning performance.
- **Exposure of students to other institutions of higher learning/ corporate / business houses, etc.**
Students are encouraged to attend winter study tour, summer training, and industry visits, visits to national research laboratories of DST, CSIE, MOSA, MOD, MOEF like NPL, NCL, NGRI, RRL, IIT, CSIR, ICAR, DRDO, ISRO, IIRS, FRI etc. Moreover, few academic programs of the University have study tour and industrial visits and project report are the mandatory component of their curricula.
- **Publication of student magazines**
The University regularly publishes research journal named ‘Avishkar’ with ISSN number. Students are guided to work on the project / dissertation in depth and bring out their research finding in the journal ‘Avishkar’. The Department of Journalism and Mass Communication regularly publishes “Vidya Varta”.

5.1.11 Does the University provide guidance and/or conduct coaching classes for students appearing for Civil Services, Defense Services, NET/SET and any other competitive examinations? If yes, what is the outcome?

Yes. Guidance for civil services, NET/SET and competitive examinations are imparted through 1- 2 days workshops. The success story is in the form of 31 students clearing NET/SET/GATE during last four years and 24 have passed MPSC/UPSC competitive examinations.

The University has UPSC/MPSC examination guidance and training centre which is funded by BARTI (Babasaheb Ambedkar Research and Training Institute – Govt. of Maharashtra). The centre funded by the BARTI was established in 2011.

5.1.12 Mention the policies of the University for enhancing student participation in sports and extracurricular activities through strategies / schemes such as

- * **Additional academic support and academic flexibility in examinations**
- * **Special dietary requirements, sports uniform and materials**
- * **any other (please specify)**
- The University encourages interested sports persons to participate in their regular practice and tournaments. They may fall short of attendance in which case the University allow them to Carry On scheme. Further, exemption of mandatory attendance is given. The sports person receive fellowships, additional 10 marks are added to the total marks scored.
- Diet allowance, coaching camps, sports kit and materials are provided.
- Medals, special D.A. on tournaments, scholarships etc are having budgetary provisions.

5.1.13 Does the University have an institutionalized mechanism for students' placement? What are the services provided to help students to identify job opportunities, prepare themselves for interview and develop entrepreneurship skills?

Yes. The University has placement cell and online PG Employment Bureau. Faculty members act as placement coordinator, who explore the possibilities for job and internship placement at various public and private organizations. Students are exposed to competitive examination and interviewed through departmental guidance, expert lectures, providing books and literature. Few students from the field of Earth Sciences have established NGO and consultancy services for ground water exploration, effluent treatment plan, environmental impact assessment, etc. as entrepreneurship skills.

5.1.14 Give the number of students selected during campus interviews by different employers (list the employers and the number of companies who visited the campus during the last four years).

A total of 47 students are selected through campus interviews as detailed below:

Academic Year	No. of companies visited	No. of students placed
2010-11	3	15
2011-12	5	5
2012-13	4	15
2013-14	5	12

List of the Employers is

- Aftek Ltd., Pune
- Ikanksha Pvt. Ltd.
- Rivalogic Technologies Pvt. Ltd, Pune
- Endeavour Software Technologies, Bangalore
- DSSWorld (Pune)
- Indiacom Ltd., Pune
- 4SPL Technologies India Pvt. Ltd., Bangalore
- Navonmesh Softwares Pvt. Ltd., Pune
- Virtuoso Technologies, Pune
- eSolve knowledge Services, Pune

5.1.15 Does the University have a registered Alumni Association? If yes, what are its activities and contributions to the development of the University?

Yes.

Alumni registration facility is provided on the University website. Every School maintains alumni record and hold alumni meets. Good and diverse alumni are the core strength of our University and they form the bedrock of a strong University. The University is very much in a nascent stage when it comes to alumni relationship. Nevertheless, University Alumni play a crucial role in keeping the flame of a University culture. They are the custodians and carriers of what the University stands for. The symbiotic and mutually beneficial relationships maintained by the University go a long way in making Solapur University a World Class University.

At the alumni meet, discussions are held regarding academic reforms through alumni members. The suggestions help in reframing and galvanizing the syllabus structure. Ex-students working in state, multinational companies and industries deliver lectures on their experiences about the recent technological trends and job requirements. The alumni also inform about career and job opportunities during the meet and through social networking.

5.1.16 Does the University have a student grievance redressal cell? Give details of the nature of grievances reported. How were they redressed?

Yes.

The University has Hostel committee and redressal cell for exam section in order to address various problems faced by the students. Complaints and suggestions are received by the committees, Rector/warden/co-ordinator and are solved through the bilateral negotiations, and as per University Act, Rules and Regulations.

5.1.17 Does the University promote a gender-sensitive environment by
a) **conducting gender related programmes** Establishing
b) **cell and mechanism to deal with issues related to sexual harassment? Give details.**

Yes,

The University conducts various activities for promoting and addressing gender equity in its work and academic landscape. 30% women reservation is followed in recruitments.

- The National Science celebrations for the year 2013 were based on gender Equity issue. Gender sensitization lectures are held on the World Women's Day (8th March) and 'save the girl child' campaign. The caution boards are displayed at appropriate places in the University campus against eve teasing and misbehaviour with women students and staff.
- The University has prevention of sexual harassment and redressal cell at the University and College levels as per the UGC recommendations.

5.1.18 Is there an anti-ragging committee? How many instances, if any, have been reported during the last four years and what action has been taken in these cases?

Yes.

The University has a statutory committee formulated as per the guidelines of UGC. The university has formed following two committees for prevention of ragging on the campus.

- Anti ragging committee and squad for Boys and Ladies hostels.
- Anti ragging cell for University campus.
Due to harmonious environment, no case of ragging /sexual abuse has been reported to the committee as on this date. "Ragging is Strictly Prohibited"



5.1.19 How does the University elicit the cooperation of all its stakeholders to ensure the overall development of its students?

The stakeholders are included in the senate, as per the Maharashtra Universities Act 1994. It represents officials from government bodies, industries, social workers, alumni, parents, affiliated institutions and people representative. The senate meeting is held at least twice in a year.

The parent meet is also held at school level to further enhance the interaction. Similarly, the students alumni meet are held in various schools.

The Stakeholder-University interaction was held in the form of a workshop (The University Road Map) on 31 July 2014.

Various stakeholders have provided copious funds, through which few buildings were constructed viz; School of Computational Sciences building (through Municipal Corporation Funds) and first floor of the School of Physical Sciences building (MLA funds). University organizes two memorial lectures every year viz, Lata and Anant Labsethwar Trust and Charitable Foundation and Comrade Prabhakar Yadav memorial lectures series. The Memorial Lectures every year are on the topics of social economic and gender equity with special reference to Maharashtra region.

Industrialists and corporate houses sponsors for National /International conference /seminars /symposiums/Workshop, etc.

5.1.20 How does the University ensure the participation of women students in intra- and inter-institutional sports competitions and cultural activities? Provide details of sports and cultural activities where such efforts were made.

Women students are encouraged to participate in inter collegiate sport tournaments and cultural events organized in the youth festival. Women students participate actively in cultural events at the time of Welcome and Farewell functions in the departments.

The women students of University actively take part in sports events, cultural activities and science exhibitions sponsored by the University and Government. The women students residing in the University hostel actively take part in various cultural events at the Annual Hostel Day Celebrations.

A Lady team manager accompanies the team where women students participate. The detailed percentage of women's participation in interuniversity, state, zonal and national events every academic year for the last four years is as below.

Academic Year	% of women participants in sports events	% of women participants in cultural events
2010-11	NA	25.00%
2011-12	50.00%	47.50%
2012-13	49.90%	42.50%
2013-14	49.90%	55.00%

5.2 Student Progression

5.2.1 What is the student strength of the University for the current academic year? Analyse the Programme-wise data and provide the trends for the last four years.

Student Progression (%)	2010-11	2011-12	2012-13	2013-14
UG to PG*	11.20	13.36	10.60	10.04
PG to M.Phil.*	00.00	1.10	00.00	0.77
PG to Ph.D.	19.27	4.32	13.48	9.36
Ph.D. to Post-Doctoral	-	-	-	-
Employed a.Campus selection* b.Other than campus recruitment	15	05	15	12

* Figures given are only for campus interviews

5.2.2 What is the programme-wise completion rate during the time span stipulated by the University?

PG program : 2yrs,
M.Phil. : 2 to 3yrs.
Ph.D. : 2- 6yrs,
Program wise completion rate is over 80%

5.2.3 What is the number and percentage of students who appeared/qualified in examinations like UGC-CSIR-NET, UGC-NET, SLET, GATE, CAT, GRE, TOFEL, GMAT, Central State services, Defence, Civil Services, etc.?

The students directly appear to these exams and not through the University. The students who report their success in search for jobs are compiled below:

Academic Year	Students qualified in NET/SET/GATE and other exams	Students qualified in civil services and other exams MPSC + UPSC
2010-11	05	21+3 = 24
2011-12	12	
2012-13	08	
2013-14	06	

5.2.4 Provide category-wise details regarding the number of Ph.D./ D.Litt./D.Sc. theses submitted/ accepted/ resubmitted/ rejected in the last four years.

The University does not have D.Sc program However, the data for Ph.D. program is given below:

Category	Thesis	Academic Year				
		2009-10	2010-11	2011-12	2012-13	2013-14
Open	Submitted	19	18	17	16	39
	Accepted	11	24	15	33	39
	Resubmitted	--	--	--	2	1
	Rejected	--	--	--	--	--
SC	Submitted	--	8	4	6	2
	Accepted	--	6	5	9	4
	Resubmitted	--	--	--	--	--
	Rejected	--	--	--	--	--
ST	Submitted	--	--	--	--	--
	Accepted	--	--	--	--	--
	Resubmitted	--	--	--	--	--
	Rejected	--	--	--	--	--
OBC	Submitted	3	4	5	3	6
	Accepted	2	3	1	8	6
	Resubmitted	--	--	--	--	1
	Rejected	--	--	--	--	--
NT C	Submitted	3	3	2	2	3
	Accepted	1	5	3	3	3
	Resubmitted	--	--	--	--	1
	Rejected	--	--	--	--	--
NT D	Submitted	1	--	--	--	--
	Accepted	1	--	--	--	--
	Resubmitted	--	--	--	--	--
	Rejected	--	--	--	--	--
VJ A	Submitted	--	--	--	--	3
	Accepted	1	--	--	--	2
	Resubmitted	--	--	--	--	--
	Rejected	--	--	--	--	--
SBC	Submitted	--	1	--	--	3
	Accepted	--	--	--	1	3
	Resubmitted	--	--	--	--	--
	Rejected	--	--	--	--	--

5.3 Student Participation and Activities

5.3.1 List the range of sports, cultural and extracurricular activities available to students. Furnish the programme calendar and provide details of students' participation.

List of Cultural events:

- University level Youth festival.
- State level Youth Festival.
- Zone level Youth Festival.
- National level Youth Festival.
- State level Utkarsha Social Cultural competition program.

List of extracurricular activities:

- NSS (two years program)
- Avhan – Disaster management and personality devolvement.
- P.C. Alexander elocution competition.
- Youth leadership development camp.
- University level Cultural workshop.
- Bhartiya Chatra sansad student participation.
- National Republic Day, State Foundation Day.
- National Science Day.

List of Sports events:

- University level zonal sports competition.
- State level Krida Mahostavs sports program.
- Zonal and National level Sports program organised by Association of Indian Universities.

Academic Year	Number of students participation in the events		
	Cultural	Extracurricular (NSS)	Sports
2010-11	40	8625	-
2011-12	40	8602	536
2012-13	40	8111	460
2013-14	40	8455	450

Activity	2010-11	2011-12	2012-13	2013-14
Sports				
Inter- class/Inter department Sports	✓	✓	✓	✓
Cultural				
*Welcome/sendoff programm	✓	✓	✓	✓
*Traditional Day	✓	✓	✓	✓
*Teachers Day	✓	✓	✓	✓
Extracurricular				
National Science Day	✓	✓	✓	✓

5.3.2 Give details of the achievements of students in co-curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. during the last four years. The University students have participated in various levels of cultural activities and sports events.

Academic Year	Prizes won in the Cultural Events				
	University Level	State Level	Zonal Level	National Level	Total Prizes
2010-11	-	4	2	-	6
2011-12	-	6	3	-	9
2012-13	-	8	4	-	12
2013-14	-	4	4	-	12
				Total	39

Academic Year	Prizes won in the Sports Events				
	University Level	State Level	Zonal Level	National Level	Total Prizes
2010-11	-	4	-	5	9
2011-12	-	2	-	4	6
2012-13	-	2	-	3	5
2013-14	-	2	-	6	8
				Total	28

Academic Year	Prizes won in the Extracurricular Events				
	University Level	State Level	Zonal Level	National Level	Total Prizes
2010-11	-	8	-	-	8
2011-12	-	13	-	-	13
2012-13	-	10	-	-	10
2013-14	-	6	-	-	6
				Total	37

5.3.3 Does the University conduct special drives / campaigns for students to promote heritage consciousness?

Yes.

The University organizes various activities to promote peoples participation in cultural, traditional and social activities.

- AIHC&A department has its museum and carried out excavation at Wakav in Madha taluka of Solapur district and Kudal Sangam in South Solapur, to promote heritage preservation and conservation.
- AIHC&A department conducts World Tourism Day on 27th September every year.
- The historical places like Pandharpur, Bijapur-Gol Gumbaz, Akkalkot, Tuljapur, Solapur fort, Naldurg Fort, etc. are located in and around the jurisdiction of Solapur University. Regular visits are organized for staff and students to the above heritages. This activity helps imbibe and nurture promotion of Indian culture and traditions amongst youth.
- NSS rallies are organised for conservation and preservation of historical sites.

5.3.4 How does the University involve and encourage its students to publish materials like catalogues, wall magazines, college magazine, and other material? List the major publications/ materials brought out by the students during the last four academic sessions.

i) The students of Journalism and Mass Communication publishes News Letter named 'Vidya Varta'.

ii) Yearly research journal named 'Avishkar' is published to include articles and research contribution by students under the mentorship of teachers of our University.

iii) All the Schools have 'Wall Magazine' maintained by the students under the supervision of the faculty.

iv) The University also organises Inter Collegiate Magazine Competition every year.

University organizes inter college magazine competition and the winners are declared and awarded the prizes on the foundation day of the University every year. The winners of the inter college magazine competition for the last four years are as below.

Solapur University, Solapur Inter Collegiate Magazine Competition 2010-11 results			
Sr. No.	Name of College	Name of Magazine	Rank
1	Walchand Institute Of Technology, Solapur	WITNESS	First
2	B. M. I .T. Engineering College, Belati, Solapur	Be. Might	Second
3	A G Patil Engineering College Solapur	Agglomeration	Third
4	College of Engineering, Pandharpur	Explorer	Conciliation
5	Shriman Bhausaheb Zadbuke College, Barshi	Adhisthan	Conciliation
Solapur University, Solapur Inter Collegiate Traditional College Magazine Competition 2011-12 results			
1	Shriman Bhausaheb Zadbuke College, Barshi	Adhisthan	First
2	Hirachand Nemchand Ciollege of Commerce, Solapur	Heera	Second
3	Shivaji College Barshi	Shivyoug	Third
4	Sangmeshwar College, Solapur	Pradnya	Conciliation
5	K B P College Pandharpur	Karmveer	Conciliation
Professional College Magazine Competition 2011-12 results			
1	Walchand Institute Of Technology, Solapur	WITNESS	First
2	A G Patil Engineering College, Solapur	Agglomeration	Second
3	Nagesh Karajgi Orchid Eng. College Solapur	Orchid Aura	Third

4	V V P Engineering College, Solapur	Vidya	Conciliation
5	B. M. I .T. Engineering College, Belati, Solapur	Be Might	Conciliation
Solapur University, Solapur Inter Collegiate Traditional College Magazine Competition 2012-13 results			
1	Hirachand Nemchand College of Commerce, Solapur	Heera	First
2	K B P College Pandharpur	Karmveer	Second
3	Sangmeshwar College, Solapur	Pradnya	Third
4	D B F Dyanand College , Solapur	Paulkhuna	Conciliation
5	Shriman Bhausahab Zadbuke College, Barshi	Adhistan	Conciliation
Solapur University, Solapur Inter Collegiate Professional College Magazine Competition 2012-13 results			
1	Walchand Institute Of Technology, Solapur	WITNESS	First
2	Nagesh Karajgi Orchid Eng. College, Solapur	Orchid Aura	Second
3	B. M. I .T. Engineering College, Belati, Solapur	Be Might	Third
4	A G Patil Engineering College, Solapur	Agglomeration	Conciliation
5	College of Engineering, Pandharpur	Explorer	Conciliation
Solapur University, Solapur Inter Collegiate Professional College Magazine Competition 2013-14 results			
1	Walchand Institute Of Technology, Solapur	WITNESS	First
2	Nagesh Karajgi Orchid Eng. College, Solapur	Orchid Aura	Second
3	B. M. I .T. Engineering College, Belati, Solapur	Be Might	Third
4	V V P Engineering College, Solapur	Vidya	Conciliation
5	A G Patil Engineering College, Solapur	Agglomeration	Conciliation

5.3.5 Does the University have a Student Council or any other similar body? Give details on its constitution, activities and funding.

Yes.

- University Students Council constituted as per Maharashtra Universities Act 1994 u/s 40 (2) (a). Its constitution is as:
Hon. Vice Chancellor - President
Director of Student's Welfare - Chairman
Director of Sports and Physical Education, - Member
National Service Scheme coordinator, - Member

There shall be University Students Council consisting of not more than fifteen persons, nominated through selection, from amongst Secretaries of the respective council under sub-section (3) as prescribed by the Statutes :

Provided that, at least one seat each be reserved for students belonging to-

- (i) Scheduled Castes ;
- (ii) Scheduled Tribes ;
- (iia) Denotified Tribes (Vimukta Jatis)
- (ii b) Nomadic Tribes
- (iii) Other Backward Classes and
- (iv) One seat for women students, remaining seats being distributed district wise:

Provided further that, for the purpose of nomination through selection details based on academic performance, participation in National Cadet Corps, National Service Scheme and Adult Education, Cultural Activities or such other activities as may be prescribed by the Statute ;

- Further, the University Departments also have students council and it has similar composition, as given below :

The University Department Students Council shall consist of the following members, namely:-

- (i) Vice-Chancellor - President ;
- (i) Director of Students' Welfare - Chairman ;
- (i) Director of Sports and Physical Education, if any ;
- (iv) National Service Scheme Co-ordinator, if any ;
- (v) One student from each University department who has shown academic merit at the preceding degree examination and is engaged in full time studies in a University, institution or department or conducted college, nominated by the Vice-Chancellor ;
- (vi) Two lady students nominated by the Pro-Vice-Chancellor and if there is no Pro-Vice-Chancellor, the Vice-Chancellor shall nominate two Lady students.

Activities: Both the councils look after the students welfare. The councils look after the related works, promote and coordinate extra-curricular activities.

Funding - University provides funds and has separate budget under Students Welfare section, every year. An amount of Rs.14.48 Lakh is projected for the year 2014-15.

5.3.6 Give details of various academic and administrative bodies that have student representatives on them. Also provide details of their activities.

- i) The President and Secretary of University Students Council are the members of Senate (as per Maharashtra Universities Act 1994, section 25 (2) (n)).
- ii) NSS Advisory Committee.
- iii) Youth Festival Committee.
- iv) Anti Ragging Committee.
- v) Canteen committee

Activities: Participation in the representative bodies of the University and form a part of decision making member for activities related to the students welfare to ensure representation of students in the extra and co-curricular activities of the University.



Criterion – VI
Governance,
Leadership,
and
Management

CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1 State the vision and the mission of the University.

VISION:

To become a dynamic knowledge centre that amalgamates high quality teaching and research with a sense of belonging and commitment to the society.

MISSION:

To create young persons of impeccable quality through a combination of high quality curricula, innovative pedagogy of higher education and cutting edge research to fearlessly face the challenges of the ever changing world scenario and to contribute towards creation of a benevolent and compassionate society.

GOALS:

- To continue to improve the quality of the undergraduate and postgraduate courses that prepares our students for professional life, leadership and citizenship in a changing world.
- To make special efforts to provide access to higher education to economically challenged and underprivileged sections of the society.
- Optimize the usage of resources and infrastructure in an integrated fashion to improvise, enhance and strengthen the students and faculties.
- To produce global student with Indian ethos.
- To inculcate self-discipline and high ethical standards, among students, staff, faculty and societal individuals.
- To create a pool of self motivated and dedicated researchers.
- Provide the facilities and support for institute staff to take up innovative methods of teaching in accordance with the developments in the academic world and also take care of the development in industry and commerce.
- To transform the ‘student’ into “Knowledge Professional” empowered with scientific intellect, entrepreneurial skills, and innovation, who have learnt their skills in an highly competent environment under the guidance of research oriented and skilled Professors.
- To create an ambience for learning and scholarship.
- To become a nationally renowned Centre of Excellence in teaching, learning, research and extension activities, beneficial to the current and forth coming generations.

6.1.2 Does the mission statement define the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, the institution's tradition and value orientations, its vision for the future, etc.?

Yes.

The University is predominantly rural, located on inter-state borders and the population is multi-lingual, multi-ethnic and multi religious in character. Owing to these features, the mission and vision statements are in conformity with the regional character of the society where the University is located. The University is thus poised for taking the benefits of higher education to the nuke and corner of Solapur district where the eligible youth are deprived of their access to higher education. University is providing need based courses which includes traditional nature keeping future prospects in mind.

6.1.3 How is the leadership involved?

*** In ensuring the organization's management, system development, implementation and continuous improvement?**

Section 14 of the Maharashtra Universities Act, 1994 envisages the powers and duties of the Vice-Chancellor who is the Chief Executive Officer (CEO) responsible for academic, administrative and development activities of the University. Various authorities like Senate, Management Council, Academic Council and Officers such as Registrar, Director of BCUD, Controller of Examinations, Finance and Accounts Officer, Directors and Heads of the Departments, DSW, NSS, Sports Director and students are aligned with Vice – Chancellor. The decision taken at the highest level percolates downward towards fulfilling the Vision and Mission of the University.

Vice- Chancellor ensures that all State Government directives along with Central Government and Apex authorities viz. UGC, AICTE etc. are acted upon. The Act, Statutes, Ordinances, Rules and Regulations, as updated from time to time are followed and also the decisions taken by the authorities are sincerely implemented in words and spirit for the smooth functioning of the University.

The mission objectives adopted by the University have always remained as the guiding threads in the activities of the University, in reaching out the benefits of higher education to the deserving population of the region. The bodies like Management Council, Academic Council and Senate are involved in ensuring the University management.

*** In interacting with its stakeholders?**

The Vice Chancellor is actively involved in the interaction with stakeholders through discussions in the meetings of the various bodies of the University. He puts forth the strength, weakness, opportunities and challenges of the University in shaping the infrastructure and human recourses development.

All statutory officers – Director BCUD, Registrar, Finance and Accounts Officer and Controller of Examinations co-ordinate and align with Hon'ble Vice Chancellor in the smooth conduct of the University

works. The Directors and Heads of the Departments administer all the academic activities of the University.

The students councils are actively involved in the learning processes. There are student's alumni in different departments of the University. There is University-Industry Interaction Cell functioning in the University. There are village adoption programs with School of Earth Sciences and School of Social Sciences.

Hydrological surveys and guidance to the farmers and industries are carried out periodically by the Department of Geology for the benefits of the stakeholders. Department of Environmental Sciences have been providing consultancy to the entrepreneurs in identifying sand and stone quarrying sites, dissemination of ideas and transfer of technology to the industries in the region.

International Rural Women's day is celebrated and the progressive Women Sarapanch of Gram Panchayat of the Solapur district are felicitated by Department of Rural Development. Tourism day is celebrated by the Department of Ancient Indian History Culture and Archeology (AIHC). The School children and college students are regular visitors to the Schools of Earth Science and Social Science Museums and sensitized on the issues related to the resources and heritage of the region. Various programs have been organized every year by the Department of Journalism and Mass Communication on Environment, Population, Gender Equity, Rural and Urban Problems etc.

School of Physical Sciences organizes workshops, conferences, lecture series, etc. pertaining to recent trends in the thrust areas of specialization.

Training programs and workshops for qualifying NET, SET, GATE etc are also conducted for the benefit of students.

*** In reinforcing a culture of excellence?**

The excellence of the University's functioning depends on its teaching, research and co-curricular activities. Course assessments of the students at the end of each semester are communicated to the respective Faculties, Deans and the Vice-Chancellor. University has modified rules, for research scholars for presenting their research work in the Departmental Research Committee before finalization of their thesis. In case of students at the Masters, M.Phil. and Ph.D. degree; students are encouraged to present their results at national and international seminars, workshops, conferences and publish the results of their research work in peer reviewed journals.

Faculty members are required to submit annual performance appraisals. Promotions are based on research paper output - refereed by external experts as well as other parameters. Before promoting faculty member for higher positions, experts' opinion is sought for an objective assessment of the performance of the faculty.

*** In identifying organizational needs and striving to fulfill them?**

The physical infrastructure and academic requirements are discussed in various statutory bodies and committees in finalizing the short term and long term plans. The rigorous exercise is made with regard to making budgetary provisions for implementations. The infrastructural requirements are discussed and processed in Department Purchase Committee, Finance and Accounts Committee, Buildings Works Committee, Management Council, etc. The purchase, modernization and replacement of equipment for the laboratories are met by the budgets allotted to each department. For research activities, University is encouraging the faculty members to submit research proposals to various funding agencies - national, international and corporate bodies. Special infrastructural needs are met by grants given by UGC and Government of Maharashtra under various schemes and programs. University has started free remedial coaching classes for poor performing students.

Babasaheb Ambedkar Research and Training Institute (BARTI) Centre is functioning in the University campus in which students of Schedule Caste and Schedule Tribes are given facilities, guidance and stipend to prepare for Public Service Examinations.

The University has made a proposal worth over Rs. 500 lakhs by identifying needs of the University. A detailed proposal has been contemplated and submitted to the Government under Rashtriya Uchhastar Shiksha Abhiyan (RUSA). The proposal has an ambitious plan contemplating basic infrastructure, teaching and non teaching staff quarter, establishment of new departments etc.

6.1.4 Were any of the top leadership positions of the University vacant for more than a year? If so, state the reasons.

There are top five leadership positions, namely Vice-Chancellor, Registrar, Director BCUD, Controller of Examinations and Finance and Accounts Officer. Of these only the position of Finance and Account Officer (FAO) is vacant since 15/06/2013. The post was advertised two times and no suitable candidate was found. Presently, Finance and Account Officer is on deputation from pool of State Government officers in Finance wing.

6.1.5 Does the University ensure that all positions in its various statutory bodies are filled and meetings conducted regularly?

Yes.

It is ensured that all positions in various statutory bodies are filled-in and are functioning regularly as per the schedules prepared by the University. In case of any positions lying vacant due to unforeseen reasons, the Standing Committee nominates qualified member.

It is observed that a few positions are vacant due to non availability of suitable candidates.

6.1.6 Does the University promote a culture of participative management? If yes, indicate the levels of participative management.

Yes.

University has constituted various committees to promote culture of participative management in the areas of Teaching, Research and Administration.

Committees and sub-committees are constituted to oversee the activities of the University. These committees are comprised of stakeholders representing various sections of the society.

The committees are:

Teaching: Departmental Committee, Syllabus Committee (Sub-Committee), Admission Committee, Examination Committee, Board of Studies, Faculty, Academic Council, Teacher Placement Committee, Teacher Selection Committee, University Students Council.

Research: Departmental Research Committee (DRC), Research Recognition Committee (RRC), Board of University Teaching and Research Committee (BUTR), Evaluation Committee

Administration: Senate, Management Council, Standing Committee. Board of Examinations, Purchase Committee, Finance and Accounts Committee, Grievance Redressal Cell, Anti-Ragging Cell, Sexual Harassment Committee, Departmental and Sectional Technical Committee, Building and Works Committee, BCUD committee etc.

In addition to the above committees various additional committees are constituted as per the needs that arise.

6.1.7 Give details of the academic and administrative leadership provided by the University to its affiliated colleges and the support and encouragement given to them to become autonomous.

University authorities are encouraging colleges to function autonomously as per the UGC regulations. College who have acquired NAAC A grade, are advised to go for autonomous status. The University appoints Local Inquiry Committee (LIC) which regularly visit each affiliated college to assess infrastructural and academic requirements before granting permission to commence new courses and extension of the period of affiliation.

As a new University in the region, it is imparting ethos of higher education in the affiliated colleges. Depending on their capabilities, colleges are encouraged to run PG programs. The affiliated college teachers have been recognized to the status of PG teachers and Ph.D. supervisors. Some colleges are recognized as Research Centres and Research Places to encourage students to pursue research degrees.

6.1.8 Have any provisions been incorporated / introduced in the University Act and Statutes to provide for conferment of degrees by autonomous colleges?

Yes.

There is a provision in the Maharashtra University Act and also University has made necessary statutes in this regard.



6.1.9 How does the University groom leadership at various levels? Give details.

Solapur University grooms leadership at various levels such as Headship and Directorship every three-years on a time rotation basis. Additional charges and responsibilities are given to teaching and non-teaching staff whenever need arises to groom leadership. Short and fixed tenure/duration (2/3 year) of membership of various statutory bodies ensures that a wider section of faculty members get trained in the necessary aspects of University.

University Department Students Council and University Students Council have representation of emerging leaders of the society. The representation has emphasis of leadership qualities both in boys and girls. Thereby, the University underlines youth empowerment and gender equity. University organizes and encourages students participation in various sports, cultural, social and scientific events such as Youth Development program, Indradhanushya, Avishkar, Youth Festivals, Aavhan, National Science Day, seminar, conference, workshop, etc. Their involvement promotes team spirit, secularism and leadership qualities for a harmonious society.

6.1.10 Has the University evolved a knowledge management strategy? If yes, give details.

Yes. Solapur University in a short span has evolved a knowledge management strategy to maximize its competency to perform effectively and efficiently towards higher productivity. Accordingly, several initiatives have been taken by the University:

- An ordinance has been framed and passed for enhancing quality of research by way of introducing IMPACT FACTOR for research publication for students and staff.
- University made ordinance for scrutinizing Ph.D. and M.Phil. dissertations at DRC's to ensure quality before final submission.
- The Internal Quality Assurance Cell (IQAC) has been instituted which takes care of the quality and productivity of all academic and knowledge-oriented activities of the University.

6.1.11 How are the following values reflected in the functioning of the University?

*** Contributing to national development**

The University undertakes curricular and extra-curricular activities which are directly or indirectly contributing to the spirit of national development. Solapur University is sensitive to national policy on higher education and therefore emphasizes equity, accessibility, affordability and excellence. Enrollment of students belonging to schedule caste, schedule tribe and other marginal groups and gender groups is a priority in admission and supportive services are extended to the students. Further, faculty members are being increasingly invited by funding agencies to undertake minor and major research projects on the issues of national interest. In addition many faculty members are invited to Chair sessions at National and International conferences, deliver invited talks; assess Ph.D. theses from different

Universities of the country. Several faculty are members of national and international level committees.

*** Fostering global competencies among students**

Publications, CFC facility, international conferences, faculty and students contributions in consultancy services, Local, National and Multinational (patents) activities, virtual classroom, MOU's etc. are the bench marks for global standards which Solapur University cherishes.

The University has been contemplating for the introduction of virtual class rooms as an integral part of the higher education. Students shall have an opportunity to listen to the lectures of faculty abroad and develop competencies comparable to the global standards. Some Departments already have You-tube mediated class room learning and an exposure to global standards of teaching. Many students of the Master's program and most of Ph.D. students are increasingly giving oral/poster presentations at national and international conferences and communicating papers for publication in international journals. Few of our students bagged prizes in international seminars. There are attempts to enter into MOUs with Indian and Foreign Universities / Institutes. The MoU of School of Social Sciences with University in Finland is in the pipeline.

*** Inculcating a sound value system among students**

Solapur University has taken steps to inculcate moral and ethical values among the students. For the holistic development of a perfect personality University promotes several activities such as organizing sensitization programs e.g. prevention of sexual harassment, gender equity, ecological awareness, human rights consciousness for the benefits of students. Some of these sensitization programs are organized under the aegis of Endowment Lecture Series sponsored by various foundations such as Comrade Prabhakar Yadav lecture series and Anant and Lata Labhsetwar lecture series. Several films and documentaries of national importance and values are screened under the aegis of Campus Film Society. Students are encouraged to take part in the youth festivals, cultural and sports activities at state and national levels.

*** Promoting use of technology**

University upgraded the syllabus / curriculum of all the courses, preferring ICT and virtual classes. Over the years, Solapur University is developing the use of ICT in the class room teaching and is poised for blended teaching. Most of the class rooms are connected with LCD projectors and teachers make Power Point Presentation and other audio-visuals to make class room teaching an interesting experience to the students. Also University has its own sophisticated research facility centre for offering various analytical techniques of materials characterizations. University has introduced online process for administrative requirements such as; Admission Forms, notices, circulars and examination protocols.

*** Quest for excellence**

Within a short period of a decade, the number of faculty has been successful in competing at the national and international level funding bodies for research grants. e.g. BARC, DAE, DST, CSIR, ICSSR, UGC, UNDP, ISRO, etc. Outstanding publications and prizes at conferences are increasingly being received by Ph.D. students and staff. The publications of a few faculty members with high citations, impact factor, h-index, i10 index, etc. are the milestones for others to emulate. Memorandums of Understanding (MoU) of University Departments with national and international institutions/laboratories are the signs of quest for quality and excellence.

6.2 Strategy Development and Deployment

6.2.1 Does the University have a perspective plan for development? If yes, what aspects are considered in the development of policies and strategies?

Yes.

The perspective plan for development of the Solapur University is based on the vision and mission statements. The University has prepared “Vision-2020” document with a Road Map to achieve its stated goals and objectives. The Vision-2020 document includes Student centric ambience is manifested in Solapur University campus. It promotes teaching, learning, research and innovations in multilingual, multicultural and multi-religious landscape of Solapur. The curriculum design teaching methodology, evaluation, research and consultancy Students support and leadership qualities are developed with the best of the available state-of-art technology to make student globally competitive.

The University has prepared a detailed plan to be implemented in three phases. Vision-2020 is scripted for continuous process of development and the performance will be reviewed every year and should it be necessary the goals and targets will be reoriented. The Vision is envisaged to increase the student strength on campus and offer new courses. The emphasis of Vision plan for the affiliated colleges is on quality. In line with the widely accepted principle of “Education to all” colleges will be established in rural areas to provide the access to higher education for economically challenged sections of the society. Colleges will be encourages to initiated career oriented short term courses.

*** Vision and mission:**

VISION:

To become a dynamic knowledge centre that amalgamates high quality teaching and research with a sense of belonging and commitment to the society.

MISSION:

To create young persons of impeccable quality through a combination of high quality curricula, innovative pedagogy of higher education and cutting edge research to fearlessly face the challenges of the ever changing world scenario and to contribute towards creation of a benevolent and compassionate society.

*** Teaching and learning:**

Quality of teaching and learning is ensured through the credit system, internal evaluation (Tests, Assignments and Seminars), student- centred learning, remedial coaching classes, virtual classes, field work based teaching learning modules have been practiced (Department of Applied Geology, AIHC&A, Environmental Science, Rural Development). There is Grievance Redressal cell to look into the problems of teachers and student; and Annual academic audit to assess the performance of faculty. The University is allocating adequate financial resources for the activity such as study tour, field tours, excavation and other related academic endeavors.

*** Research and development:**

The M.Phil. and Ph.D. programs are strengthened by incorporating quality assurance measures such as Ph.D. entrance test (PET) and interviews are conducted in respective DRC's. Progress of the student is regularly evaluated by a Departmental Research Committee. The research is made relevant by assessing the needs of different sections of the society such as government, NGOs, workforce, Public and Private Partnership (PPP) in association with industries. University is bringing out Avishkar Research Journal for showcasing state of art publications of students and faculties of Solapur University. The staff leverages the University infrastructure facilities to generate consultancy from its catchment area.

*** Community engagement:**

University has two museums one at Department of Archaeology and another at Department of Geology. These museums are open for public on National Science Day, Earth Day, Environment Day and during admission process. University has been conducting plenty of lectures on environment awareness, public issues and on gender equity. Solapur Science Centre has also a science based museum for students. Department of Geology provided hydrological consultancy to the farmers, adoption of villages for over all development, promoting rain-water harvesting techniques are some of the community engagement activities. Department of Environmental Science provided consultancy services to farmers for water and soil testing, industries for environmental clearance and small industries such as stone quarry and murum (gravel) quarry mining. Department of Applied Economics has conducted major research project work on Bidi Workers. Department of Rural Development has conducted interaction program for Women Sarpanch of Solapur District on the International Womens Day. Department of Journalism and Mass Communication have been organizing film appreciation activities to the students and for society. As a peak point, this Department has participated in producing a movie showcasing patriotism, caste and religion.

*** Human resource planning and development**

The University has set a thematic goal in respect of human resource planning and development as to deliver excellent, most comprehensive professional services to our students for their overall development. A number of programs are offered by each school. The workload of each program is calculated and required faculty is projected to meet the

workload. University recruits personnel for the need based programs on merit and experience commensurate with the positions. University has been promoting the faculties for capacity building in teaching, research and extension activities in the form of orientation and refresher courses. Teachers are facilitated in attending training programs, workshops and seminars for development of competencies and networking. For the want of manpower, University also appoints temporary teachers from time to time as per the rules and regulations of Government of Maharashtra. Recently, Solapur University has decided for transparency in the University personnel online recruitment process through MKCL and Govt. of Maharashtra.

*** Industry interaction**

In view of the social and economic developments, the University has planned to uplift industry-academia interaction. The Schools of Physical, Chemical and Earth Sciences have conducted summer and winter In-plant trainings and workshops to the students. These schools are organizing guest lectures on the industrial issues, recent trends in Research and Development and other technological innovations required in the industries. National and International Conferences, Seminars and Workshops are sponsored by the industrial houses in the region. With this spirit and mutual concerns University developed a University-Industry Interaction Cell.

*** Internationalizations**

Prof. N. N. Maldar has visited Seol, South Korea, as Visiting Professor at Hanyang University, for a period of one semester. Many other teachers are actively engaged in getting touch with foreign collaborations.

Prof. L. P. Deshmukh, School of Physical Sciences has been visited to China, Nepal and Singapore and had delivered invited talks on his subject at International conferences. One women candidate is working with him as Post Doctoral Fellow under a “Young Women Scientist” scheme.

6.2.2 Describe the University’s internal organizational structure and decision making hierarchy and their effectiveness.

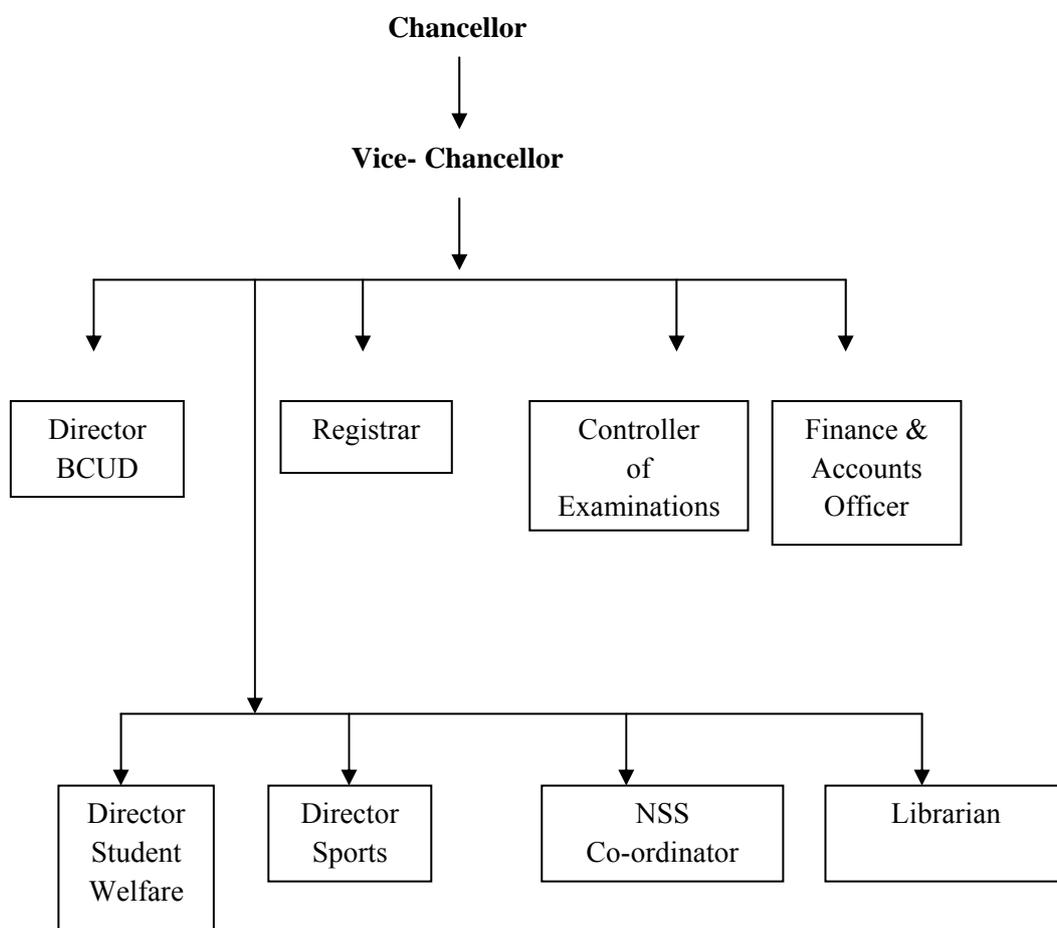
The major decision making bodies are Senate, Management Council, Academic Council, B.C.U.D., B.U.T.R., B.O.E., Purchase Committee and Finance and Accounts Committee.

The University organization structure consists of four main executive authorities such as Registrar, Director, B.C.U.D., Controller of Examinations and Finance & Accounts Officer.

The University internal organizational structure which is effectively involved in the decision making processes is given in the organization chart.

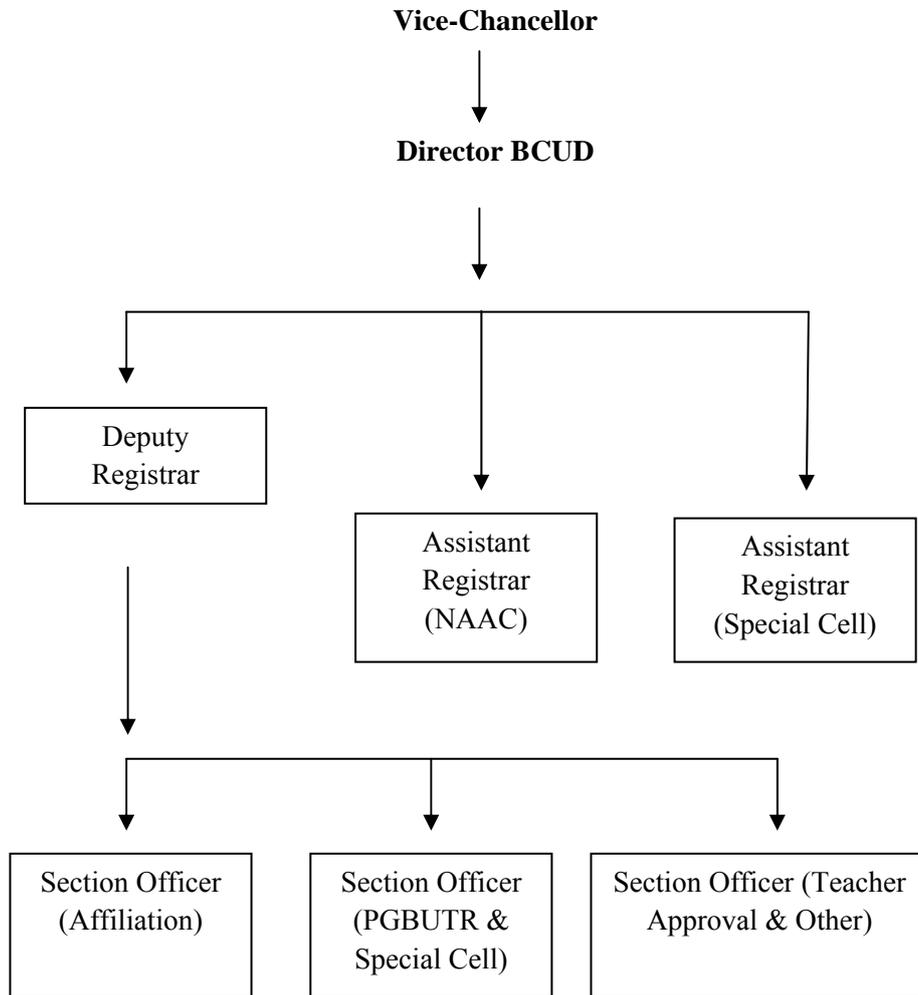
Solapur University, Solapur

Organization Structure



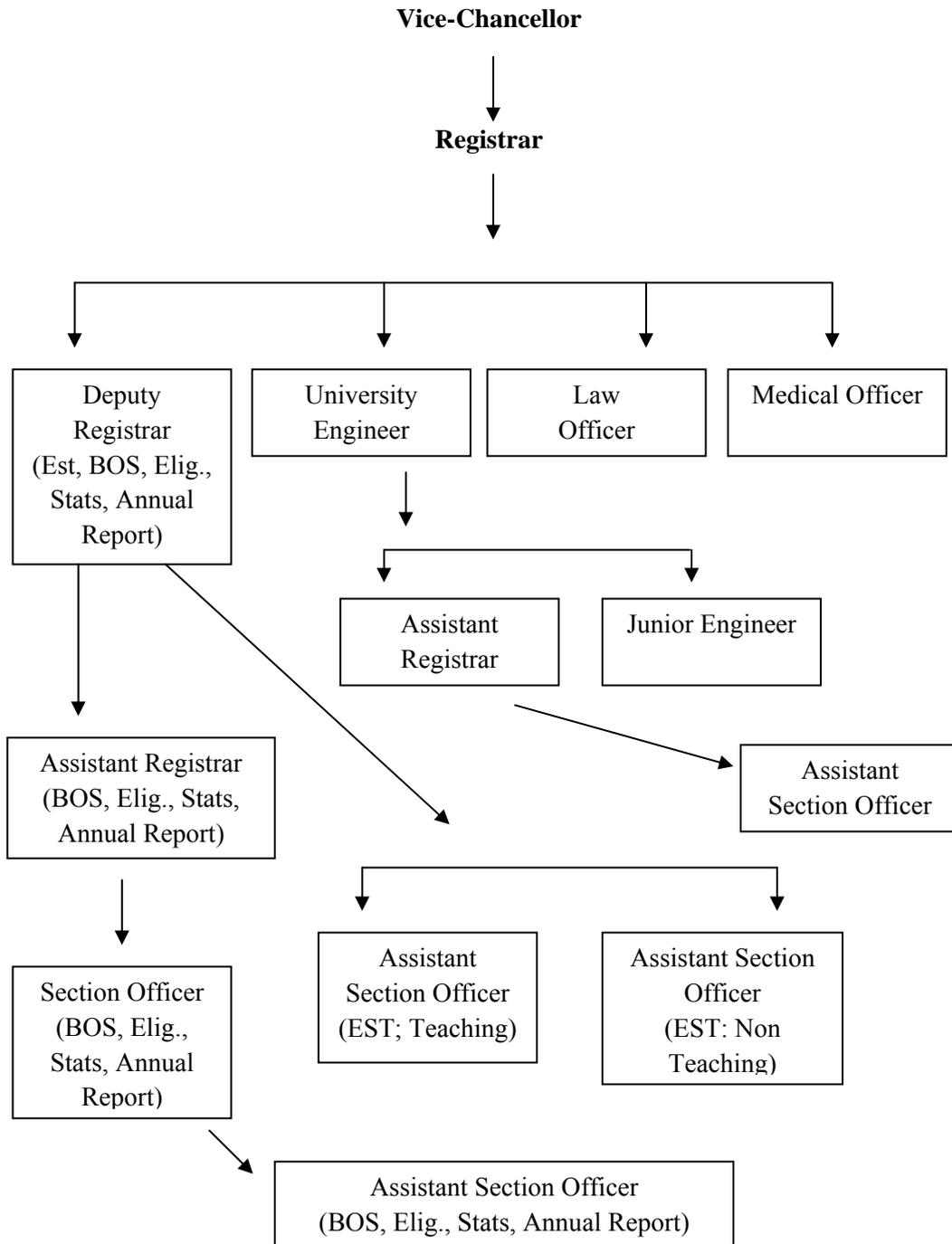
Organization Structure

Board of Colleges and University Development



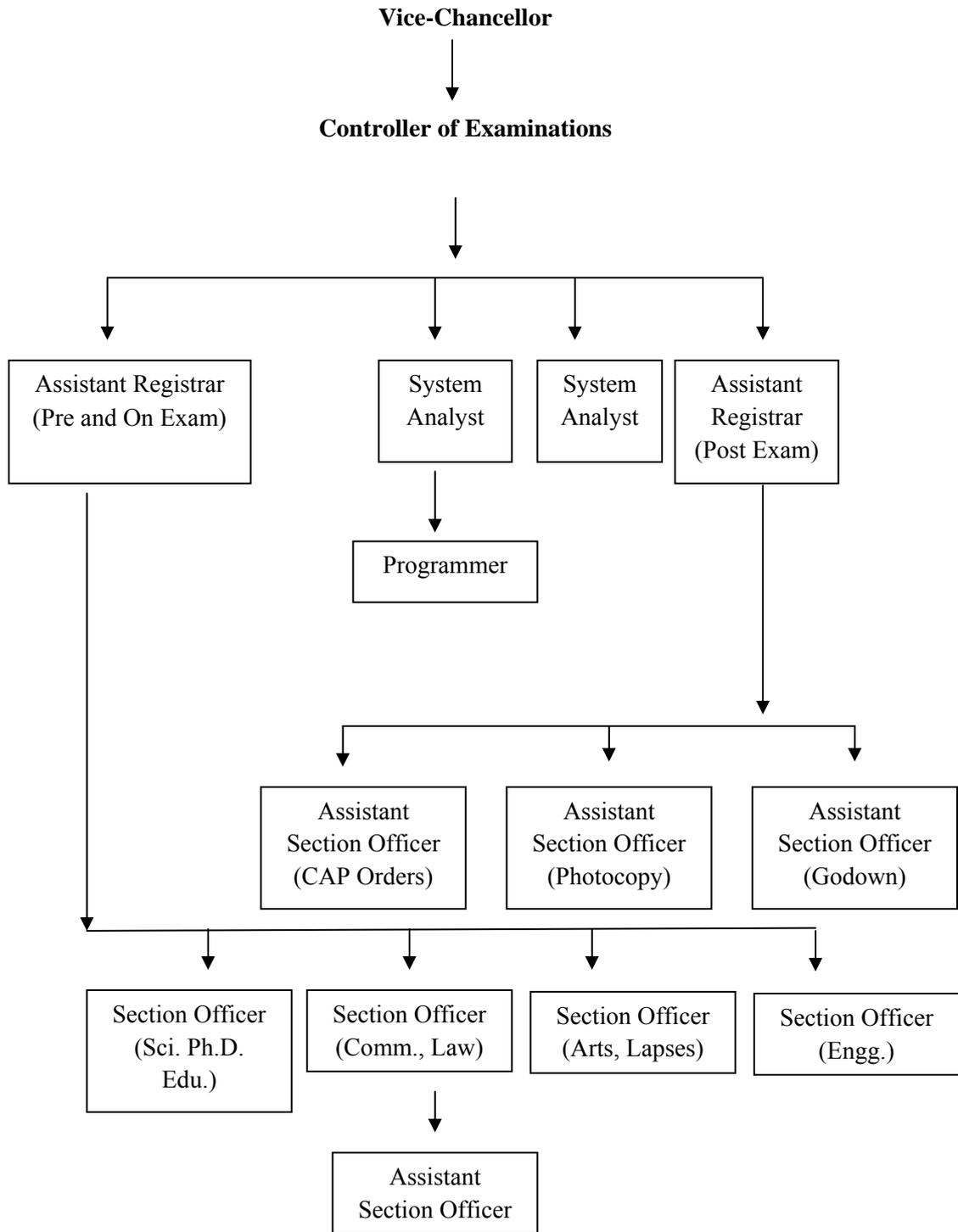
Organization Structure

General Administration Section



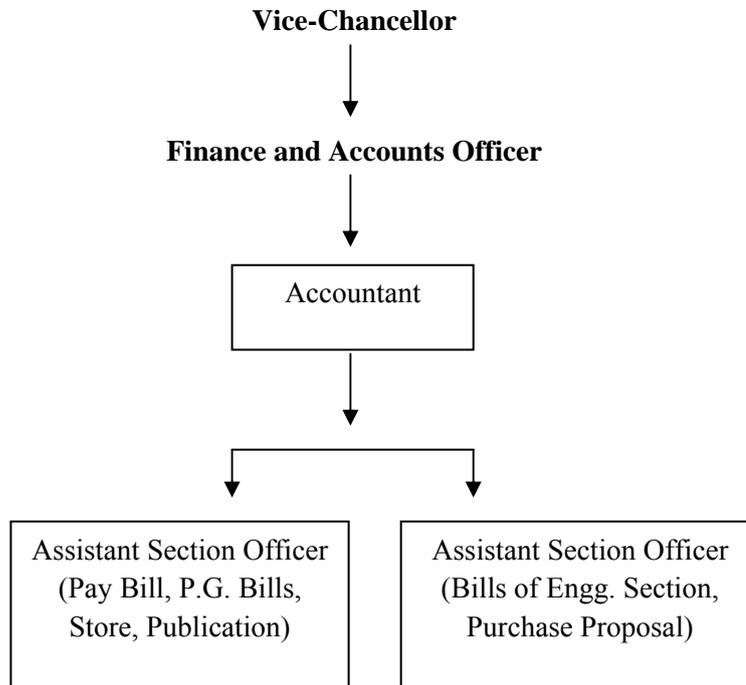
Organization Structure

Examinations Section



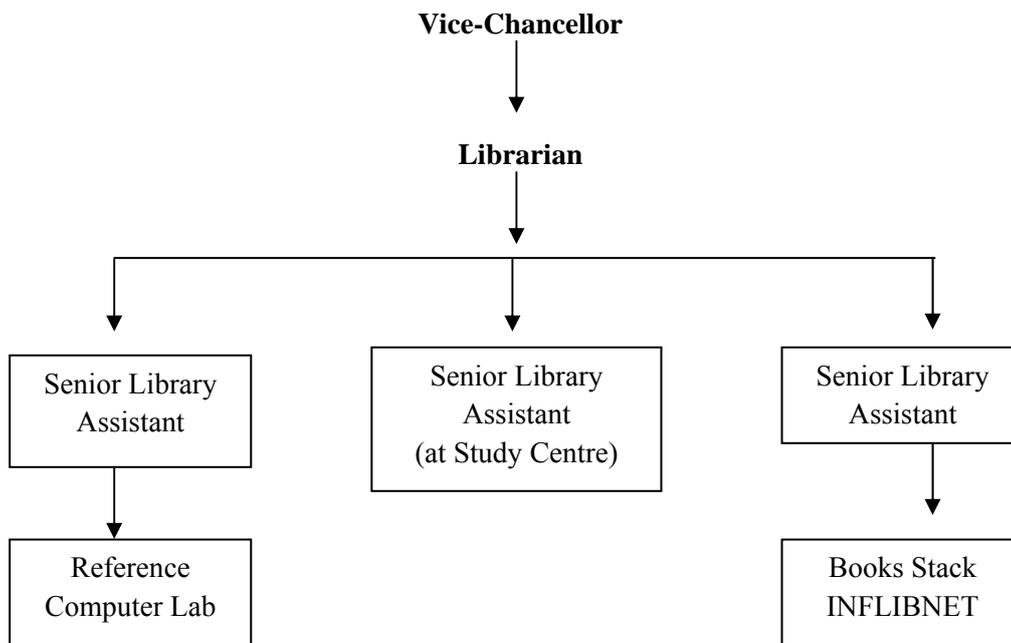
Organization Structure

Finance and Accounts Section



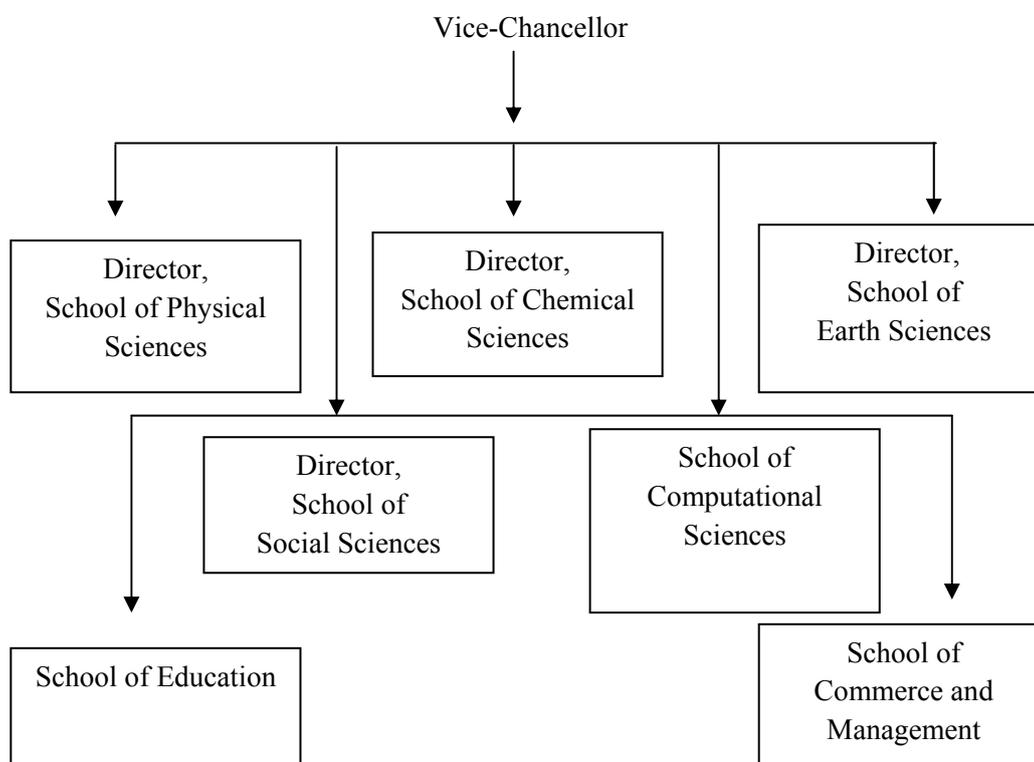
Organization Structure

Library



Organization Structure

University Academic Schools



Decision making bodies are: Academic Council, Senate, Management Council, Director BCUD, Board of Studies, Research Recognition Committee, Departmental Research Committee and Faculty meetings.

6.2.3 Does the University have a formal policy to ensure quality? How is it designed, driven, deployed and reviewed?

Yes.

The University has the policy to ensure the planned development of yearly academic activities by laying down an academic calendar in the beginning of the academic year.

Director B.C.U.D organizes the schedules, in consultation with examination section, the opening and closing dates for semesters, vacation schedule, examination schedule and program for students.

Departmental Committee in respective schools: Discuss and decides issues related to the vertical and horizontal growth of the department. The quality enhancement in teaching, learning and research are slated in the academic calendar.

Research and Recognition Committee and BUTR are the governing bodies to maintain the quality of research.

A monthly meeting of Management council and biannual meetings of academic council and senate are held as per the provisions of Maharashtra Universities Act., 1994. The meetings are held in upholding the quality of Higher Education.

Whenever it is required to complete a task in stipulated time frame, the Vice-Chancellor formulates committee/s to execute the work.

6.2.4 Does the University encourage its academic departments to function independently and autonomously and how does it ensure accountability?

The departments have considerable autonomy in designing and implementing the academic programs. Accountability is ensured through collecting feedback from students, performance of students, self appraisal of teaching staff and academic audit of the departments. Freedom is bestowed to the department for formulating syllabus with recent development in tune with modern trends.

6.2.5 During the last four years, have there been any instances of court cases filed by and against the institute? What were the critical issues and verdicts of the courts on these issues?

Yes.

There were more than a couple of dozens of cases filed against the University. The issues were mainly related to age of retirement, service matters, property, right to information, affiliation etc. While some cases are upheld/decided/dismissed and the others are pending for disposal. Details of last four years are as below:

Sr. No.	Name Of Court	Types of Matters			Status					Total
		Administrative	Academic	Exam	Pending	Dismissed	Allowed	Rejected	Withdrawn	
1	<u>Supreme Court Of India, Delhi.</u>	04	08	--	06	06	--	--	--	12
2	<u>Bombay High Court, Mumbai.</u>	50	65	08	36	62	14	08	03	123
3	<u>University and College Tribunal, Pune Holding Charge for Solapur University.</u>	40	--	--	07	14	14	-	05	40
4	<u>Solapur District Court, Solapur Civil Court, Labour Court Solapur.</u>	47	03	03	36	13	--	--	04	53
	Total	141	76	11	85	95	28	08	12	
	Total No. of Cases									228

6.2.6 How does the University ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder-relationship?

The grievances / complaints are promptly attended and resolved effectively through various committees constituted by University Authorities for promoting better stakeholders relationship. The following committees are constituted such as; Grievances Redressal Committee (GRC), Special Cell, Lapses Committee, Anti-Sexual Harassment Cell, Anti-Ragging Committee and Squad and Departmental Discipline Committee to address various issues of the students and staff.

6.2.7 Does the University have a mechanism for analyzing student feedback on institutional performance? If yes, what was the institutional response?

Yes.

After analyzing feedback, the concerned committee forwards the analysis of feedback to the concerned head of the departments. The merits and demerits of the feedback are discussed healthily in departmental committee to enhance the performance of the department.

6.2.8 Does the University conduct performance audit of the various departments?

Yes.

The Director, Board of College and University Development constitute expert committee for the academic audit of various Schools and Departments. The academic audit is performed and the reports indicating the merits and demerits are submitted to the Director, BCUD. Hon'ble Vice Chancellor decides on the implementation of suggestions made in the academic audit and the action taken report is sent by the Directors/Heads of the Departments.

6.2.9 What mechanisms have been evolved by the University to identify the developmental needs of its affiliated institutions?

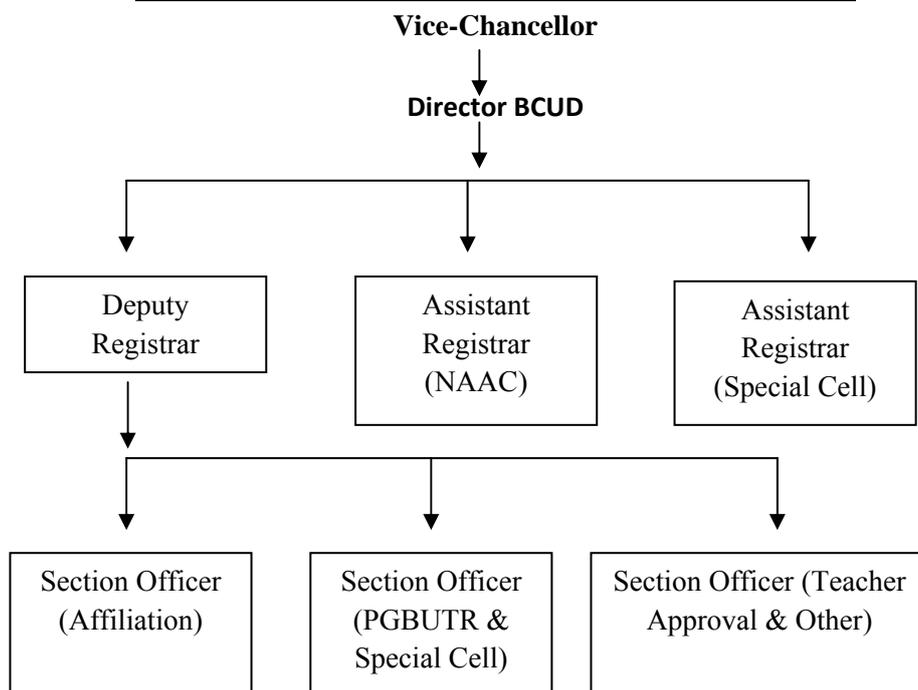
The perspective plans for the development of higher education is prepared, based on the needs of the stakeholders. The development needs of the affiliated institutions are considered through affiliation section and the BCUD. The BCUD section frequently conducts the meetings of Principals to fulfill needs of affiliated colleges. University also motivates the affiliated colleges for NAAC Accreditation.

6.2.10 Does the University have a vibrant College Development Council (CDC) /Board of College and University Development (BCUD)? If yes, detail its structure, functions and achievements.

Yes.

The University has the Board of Colleges and University Development (BCUD). The Director, BCUD, is appointed by Vice Chancellor of the University.

Organization Structure
Board of Colleges & University Development



2. Yes, the BCUD Committee u/s 35 of Maharashtra Universities Act 1994 has the following composition.
- (a) The Vice Chancellor;
 - (b) The Pro-Vice-Chancellor, if any;
 - (c) One Dean of faculty, nominated by the Academic Council;
 - (d) One Head or Director from among the Heads or directors of the University institutions or departments, not below the rank of professor and who is not a Dean nominated by the Academic Council;
 - (e) One teacher, imparting post-graduate ¹[instruction] or guiding research, but who is not a Dean, Head of the University institutions or departments nominated by the Vice-chancellor;
 - (f) One teacher, imparting under graduate instruction having not less than sixteen years of teaching experience, nominated by the Management Council;
 - (g) One principal of an affiliated college of arts, science or commerce, nominated by the Management Council from amongst the principals who are members of the Academic Council;
 - (h) One principal of an affiliated professional college, nominated by the Vice-Chancellor;
 - (i) Two experts, co-opted by the Board, from amongst the Heads of National and State level research institutions;
 - (j) Two persons to represent industry, banks, commerce or professional bodies to be nominated by the Vice-Chancellor;
 - [(ja) Two members nominated by the Senate, one of them being the representative of the Management;]
 - (k) The Director of the Board of College and University Development.

3. The duties and powers of the Board of College and University Development are as below.
 - 1) Suggest measures to create links and develop specific schemes of inter-university and University and College interaction with industry, agriculture, banks, commerce and community.
 - 2) Prepare University and college perspective development] plans, both short-term and long-term, keeping in view the objectives of the University as laid down in the Act, and with due regard to the State and National Educational Policy and submit the same to the Maharashtra State Council for Higher Education, the State Government and the Chancellor.
 - 3) Recommend to the Management Council the development and collaborative programs for the departments, colleges and the University.
 - 4) Monitor and report the progress of all such approved development and collaborative programs to the Management Council ³[and submit the same to the Maharashtra State Council for Higher Education, the State Government and the Chancellor] once a year.
 - 5) Evaluate and assess the use of grants by University department, post-graduate centers and colleges in respect of development projects and submit the report to the Academic Council.
 - 6) Assess the manpower requirements of trained persons in different fields, such as, commerce, industry, social service, science and technology and make necessary recommendations to the Academic Council introducing and strengthening of relevant courses of study.
 - 7) Organize academic audit of development and collaborative programs of University, institutions or departments, post-graduate centre's colleges, according to the provisions of the Statutes at least once in three years or earlier, if deemed necessary and make necessary recommendations to the University for implementation.
 - 8) Scrutinize the applications received for establishment of new colleges or institutions for affiliation to the University and process the same for forwarding to the State Government as provided by the Statutes.

Achievements: The University has a vibrant BCUD section. It functions to cater the needs of affiliated colleges and University development. In light of same BCUD organizes itself for achieving the targeted plans. The major achievements of BCUD are slated below:

Affiliation:

1. Solapur University is the premier institution in the State of Maharashtra for adopting and practicing UGC (Affiliation of Colleges by Universities) Regulations-2009.
2. The University has strictly implemented the UGC regulations for quality achievement.
3. The University affiliation section has motivated its affiliated colleges for NAAC accreditation and few of the colleges have entered re-accreditation.



4. The continuous monitoring of the affiliations has helped the University stakeholder to minimize problems and grievances related to their admission.

Special Cell:

1. University Special Cell caters to the needs of SC and ST students. It organizes workshops regularly for qualifying the NET / SET examinations. Manifestation of the same has been observed in the increase in students passing the said examination.
2. The Special Cell oversees the recruitment of reserve category candidates during appointments. Thus the deserving and qualified SC/ST candidates are recruited.
3. The Special Cell monitors to comply the reservation policy during admission. Thereby, there have been reduced grievances.

BUTR:

1. Solapur University has successfully completed admission process to Ph.D. course as per the UGC regulation-2009. The University has successfully completed said process for 05 consecutive times since 2010, with 100% transparency in the PET process.
2. The University has outreach program which includes reaching the affiliated colleges to encourage the research activity by recognizing their labs for conducting Ph.D. programs. The outcome of this has helped inclusion of the colleges in research activities and enhanced the access for student to enrol in the various Ph.D. program.
3. BUTR strictly adheres to maintain the quality of research by implementing research publication with impact factor in peer reviewed journals as prerequisite for the award of the Ph.D. Degree. This helps in eliminating plagiarism and promotes quality research.

Teacher Approval Section:

1. Qualifications for the post of teachers prescribed by the UGC are strictly complied in the recruitments process. This has helped in employing quality teachers.
2. Teachers are encouraged to deliver higher productivity in teaching, learning and research activities by way of giving timely promotion. The University teacher approval section takes care of such welfare.

Research Funding Unit:

1. By organizing workshop University encourages the faculties to submit the proposals to various funding agencies for the financial assistance.
2. This Unit is actively involved in support services for research proposals.
3. Department research fellowship (DRF) scheme has been implemented to support meritorious students to undertake research as their career.

Janvikas Kendra:

1. The University has tailor-made courses conducted for the rural folk who wish to become independent by way of starting their own business. This ushers economic liberty for the poor masses.



6.3 Faculty Empowerment Strategies

6.3.1 What efforts have been made to enhance the professional development of teaching and non-teaching staff?

University has provided zero interest Laptop purchase facility to the staff. University provides on duty leave facilities for attending trainings, conferences, workshops, seminars. University organizes popular lectures, research oriented guest lectures for students, faculty and non teaching staff e.g. YASHDA lectures, lectures on gender equity etc. Self-appraisals and academic audits conducted for enhancement of professional development of faculty. University has provision for improving education qualification of its administrative staff by offering 50% concession in the admission fees. As good practices University is sponsoring life membership in professional societies/Association at actual or to a maximum of Rs.2000/-. The proposal is to be implemented from 2014-15 onwards. However, the maximum limit is for 10 teachers per faculty.

6.3.2 What is the outcome of the review of various appraisal methods used by the University? List the important decisions.

The self-appraisal method of faculty performance, external academic audit and student feedback on faculty are the measures adopted by the University and the outcome of these appraisal systems is taken into consideration for CAS promotions of the teaching faculty. Further, the reviews of the faculty helps the University administration in taking decisions related to deputing teachers to various faculty enrichment programs and membership of various committees etc.

The review outcome of self appraisal methods have helped in improvement in the quality of research publication, increased number of research projects, increasing citation index, increased numbers of SCOPUS publication and *h*-index. The research project enhances the infrastructural facilities for the students and the increase in quality of publications improved the image of the institutions. All these indicators help in enhancing student enrolment in the University.

The Annual Confidential Reports (ACRs) of non-teaching staff are normally used for promotions.

6.3.3 What are the welfare schemes available for teaching and non-teaching staff? What percentage of staff have been benefitted from these schemes in the last four years? Give details.

Festival Advance to all staff members, Free Uniforms for class three and class four employees, LTC for the staff members and awards for the meritorious children of the staff members, vehicles for physically handicapped, lap top purchase through bankers on loan basis with interests paid by University, “Best Non Teaching Staff Award” for instilling sincerity and hard work in employees. Best Teacher Award for meritorious teachers for boosting research and technology is proposed from 2015-16 onwards. University has provided medical reimbursement, Kalyannidhi, health care facility etc. University has group insurance policy for its employee. Almost every employee has been benefitted from one or the other schemes mentioned above.



6.3.4 What are the measures taken by the University for attracting and retaining eminent faculty?

CAS is implemented to retain eminent faculty. There is provision to the teachers to extend the age of retirement from 60 to 62 years.

6.3.5 Has the University conducted a gender audit during the last four years? If yes, mention a few salient findings.

Yes.

The gender composition in the University as shown in the table given below:

Total Teaching Staff – 27	
Male -	93%
Female	7%
Total Non-Teaching Staff - 154	
Male -	82%
Female	18%

Salient features:

1. A unique policy for girls' students is implemented for hostel accomdation. Not a single girl student is so far denied admission to the girl hostel.
2. University has an anti-sexual harassment committee and the outcome of this no single complaint is reported till date.

6.3.6 Does the University conduct any gender sensitization programs for its faculty?

Yes.

The lectures were organized during Women's day and National science day.

6.3.7 What is the impact of the University's Academic Staff College Programmes in enhancing the competencies of the University faculty?

University has n't got its own Academic staff college as on this date.

6.4 Financial Management and Resource Mobilization

6.4.1 What is the institutional mechanism available to monitor the effective and efficient use of financial resources?

The University strictly follows Maharashtra Accounts Code-2012 for the smooth functioning of financial management. The University prepares annual budgets and it is approved in the annual meeting of Senate as per the provisions of Maharashtra University Act 1994. It is monitored through Purchase Committee, Finance and Accounts Committee, Senate and Management Council. University prepares annual Budget for availing the resources and their expenditure. Every Department / School has its own receipt and expenditure budget. School Director prepares plan for making recurring and nonrecurring expenses subject to availability of the budget. The head keeps control on the available fund and incurring expenditure day by day. The proposal for purchases above Rs. 1 lakh are through tenders and purchases above Rs. 10 lakh are through e-tendering and annual rate contract (ARC). The proposals of the schools are

submitted to the Finance & Account Section for approval. The Finance & Account Section scrutinizes the proposal and submits for approval to Finance & Accounts Officer and Hon'ble Vice Chancellor. There are two committees i.e. Purchase Committee and Finance and Accounts Committee. In the meeting of said Committees the proposals of purchases/financial matter are placed for consideration and after discussion proposals are recommended for approval to Management Council or returned to concerned unit for modification. Hence, University has mechanism to monitor the use of financial resources.

6.4.2 Does the University have a mechanism for internal and external audit? Give details.

Yes.

The University has mechanism for internal and external audit as per provision 1.47 and 1.48 of Common Account Code. There is an internal audit which is done by internal audit wing of the University and external audit which is done by Statutory Auditor & Office of Accountant General, Mumbai. The audited annual accounts and audited report are approved by the Senate. After that it is submitted to Principal Accountant General (Audit), Mumbai and State Government.

1. Internal Audit - The Management council has given approval to establish internal audit wing under Finance and Account Section vide Resolution No. 11(2), dt.19/10/2013.
2. External Audit- the Management Council shall appoint University's Statutory Auditor from the partnership firms of Chartered Accountants. Statutory Auditors do the audit of University accounts and submit audited financial statement along with audit report. The University had completed statutory audit up to 2013-14.
3. Audit by Accountant General Office – Audit of University accounts from the financial year 2004-05 to 2009-10 was audited by Accountant General Office, Mumbai.

6.4.3 Are the institution's accounts audited regularly? Have there been any major audit objections, if so, how were they addressed?

Yes.

The University has audited annual accounts every financial year up to 2013-14. During earlier audits major audit objections were not found.

6.4.4 Provide the audited income and expenditure statement of academic and administrative activities of the last four years.

The audited income and expenditure statement of University accounts is as follows:

Financial Year	Administrative activities		Academic Activities	
	Income Rs. in lakh	Expenditure Rs. in lakh	Income Rs. in lakh	Expenditure Rs. in lakh
2010-11	659	414	852	780
2011-12	1012	484	1013	988
2012-13	1184	559	1121	1262
2013-14	1080	581	1178	1397

6.4.5 Narrate the efforts taken by the University for Resource Mobilization

The prime financial resources of University are : Fees from the students, Grants from State Government and Grants from the UGC. The University also receives the Special project and scheme grants from various funding agencies viz UGC, CSIR, DBT, DST, BARC, ISRO, ICSSR, etc. Individuals and institutes give donations to University to institute prizes to meritorious students.

Exhaustive policy in respect of consultancy is approved by the University Authorities. In accordance with the same departments are mobilizing its resources to generated through the consultancies.

University has initiated program in Public Private Partnership (PPP) and individuals for contribution for construction activities, organizing conferences, guest lecturers etc. e.g. MCA building was partially funded by Solapur Municipal Corporation Fund, The local Area Development funds of MLA's were poded to construct the first floor of School of Physical Sciences.

6.4.6 Is there any provision for the university to create a corpus fund? If yes, give details.

Yes.

The University has created a corpus fund generated through various sources. For instance, there is a corpus fund generated while the University conducted Avishkar Research Festival and the interest derived through this corpus is used for publishing the University Research Journal "Avishkar". Similarly there are other corpuses named after Comred PrabhakarYadav and Lata and Anant Labshetwar and the interest received is used for organizing lecture series on socially relevant themes.

6.5. Internal Quality Assurance System.

6.5.1 Does the university conduct an academic audit of its departments? If yes, give details.

Yes.

The Director, Board of College and University Development constitute expert committee for the academic audit of various Schools and Departments. The academic audit is performed and the report indicating the merits and demerits are submitted to the Director, BCUD.

The IQAC performs the analyses of the academic audit and submits its analyses to Hon'ble Vice Chancellor.

Hon'ble Vice Chancellor decides on the implementation of suggestions made in the academic audit and the action taken report is sent by the Directors/Heads of the Departments to the Vice-Chancellor.

6.5.2 Based on the recommendations of the academic audit, what specific measures have been taken by the university to improve teaching, learning and evaluation?

To improve teaching-learning evaluation the following steps were taken.

- Modern methods of teaching using ICT have been introduced.
- Examination system has been reformed by introducing CGPA system.



- Each faculty member and department is required to undertake one Major / Minor Research Project individually and publish at least one paper in national / international journal with high impact factor.
- The component of Multiple Choice Question (MCQ), Seminars and Assignments are introduced at the level of Continuous Internal Assessment and final examination.
- Each department has prepared syllabi of interdisciplinary subjects to be implemented under CGPA in the University campus.

6.5.3 Is there a central body within the university to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

Yes.

Under the Chairmanship of the Vice-Chancellor the meetings of the Directors and Heads of the Departments / Coordinators are regularly convened and salient resolutions are passed and communicated to the concern for their implementations.

U/s 29, 36 (A) and 34 of the Maharashtra Universities Act 1994 respectively, the Academic Council, BUTR and Faculty are the authorities to review teaching and learning process. These bodies discuss academic performance of University Departments and Colleges in the meetings and suggest improvements which are communicated by BCUD office to University Departments and Colleges.

6.5.4 How has IQAC contributed to institutionalizing quality assurance strategies and processes?

IQAC, by considering the vision and benchmarks, sets the goals for the University quality and the curriculum for the information of the stakeholders. At the end of the academic year the University prepares plan of action (Academic Calendar) for the next academic year which covers the working days, vacation period, schedule of the meetings, examination schedule and other action plans. Similarly, each department prepares the academic calendar of events covering teaching plan, participation in conferences, seminars, extracurricular and co-curricular activities, NET/SET coaching and the schedule of mentoring.

6.5.5 How many decisions of the IQAC have been placed before the statutory authorities of the University for implementation?

Few decisions of the IQAC have been placed before the statutory authorities of the University.

6.5.6 Does the IQAC have external members on its committees? If so, mention any significant contribution made by such members.

Yes, there are two external members from the industry and co-operative fields to participate in the discussions. A suggestion made by the external member about the inclusive educational policy was implemented in the University.

6.5.7 Has the IQAC conducted any study on the incremental academic growth of students from disadvantaged sections of society?

The University's IQAC has conducted an exercise on the academic growth of the socially disadvantaged sections of the society and the gender distribution during the past four years. The findings are as follows:

The percentage of students from reserved categories admitted in the last four academic years is in the range of 52.70% to 61.24%. It indicates that the students from the reserved category are taking up the seats from the open merit in the range of 3% to 11%. Further, it is interesting to note that the reserved category female percentage is in the range of 46.85% to 67.42%. It is observed that significant size of the reserved category female population is seeking higher education. The Solapur University plays a pivotal role in providing access and empowers the disadvantaged sections of society.

The University through various departments/sections/ committees conducts coaching for entry into services, coaching for NET/SET and coaching to backward class students through BARTI Centre for MPSC / UPSC examinations.

6.5.8 What policies are in place for the periodic review of administrative and academic departments, subject areas, research centers, etc.?

The periodic review of academic activities is taken through all faculty meetings with Vice-Chancellor's at the beginning of the year. The purpose of the meeting is to appreciate the departmental achievements, to encourage the academic and research programs. Further, the meeting discusses action plans to solve the difficulties faced by the departments.

Any other information regarding Governance, Leadership and Management which the university would like to include.

The University administrative staff and the faculty members are involved in the following activities: Representation in State Level Committees, Academic Audits, and Representation on Committees/Bodies/Experts-Committees the Government and Semi-Government Organizations.

Criterion – VII
Innovations
and
Best Practices

CRITERION VII: INNOVATIONS AND BEST PRACTICES

Introduction: Solapur University is making herculean efforts to foster ethical values with global standards. Dove tailing important dimensions of a perfect personality in higher education; the staff and students are involved in rigorous exercise to be a good citizen in our society. The dimensions are knowledge acquisition, knowledge retention, knowledge application in a given time frame with eco friendly attitude. Given the dynamic change that the society is undergoing rapid industrialization and urbanization, which is resulting in enormous pressure on its environmental resources, Solapur University is making its first step towards addressing several new and complex issues with scientific analysis at the regional and national levels. The underlying agenda in the University efforts are expansion, inclusion and excellence. The University has expanded its horizons of higher education from 61 affiliated colleges at the time of establishment of University to 119 affiliated colleges at the end of academic year 2013-2014. Thus there is an increasing in the gross enrollment ratio. The University's policy of inclusion of socially, economically, physically and marginalized people and promoting gender equity are the bench marks. Thus University reduces disparities between have and have nots. The quest for quality in higher education has been the principle whereby the teaching community excels in research by way of high impact factor publications with good *h*-index in few select areas of research. As a cherry on icing the fund received by teachers is a credit and kudos to a young University in the year of it's decennial celebrations.

7.1. Environmental consciousness:

The prime objective of environmental awareness is to follow indigenously set targets to monitor socio-economic and environmental performance; the University agrees the spirit of the Millennium Development Goals (MDG) for sustainable development. For the purpose, various mandates are translated, into concrete action. These include Energy Conservation, Use of Alternative Energy Resources, Rain Water Harvesting, Clean and Green Campus, Carbon Sequestration, e-waste Management, Dissemination of research outcome through extension activities etc. All these activities promote growth with resource enhancement of environment and nature-“GREEN”. The translated actions are:

7.1.1 Does the University conduct a Green Audit of its campus?

Green audit and energy conservation: No green audit report is with Solapur University. However, a wide range of intervention methods have been put to practice such as well illuminated and cross ventilation for all the buildings, 41 Solar lights along the main road of campus, 2 high mast lights to illuminate entire 35.5 acres area and some staff travel by pool car.

7.1.2 What are the initiatives taken by the university to make the campus eco-friendly?

* **Energy conservation:** Most (90%) of appliances are efficient lighting systems like replacement of incandescent bulbs with CFL and LEDs. These energy conservation interventions increased from 5% in 2009 to over 90% in 2014. Cost of LED lighting has come down by almost 90%.

***Use of renewable energy :** Boys and Girls hostels, guest house in the city and VIP guest house on the campus has Solar Water Heaters. Further the main road of the campus is illuminated with solar lighting system.

***Water harvesting:** Rain Water Harvesting structure are part of new constructions to recharge phreatic aquifers. The rainwater harvesting structures are designed for Earth Science and Social Science buildings. The land mark feature on the open areas of 482 acres of campus land is Continuous Contour Trenching (CCT). A total of 40 kms CCT is made to recharge subsurface water table. This activity further helped in protecting against erosion of entisols and inceptisols. Drip Irrigation for major plantation programs have been executed. A total length of 9000 Mtr of drip pipes is used to build up green campus.

***Check dam construction:** Two check dams are constructed. Each having 1 lakh. Ltr capacity of water to store. Large open areas help in rain water infiltration to support the dry grass land bio-diversity in 482 acres.

***Efforts for carbon neutrality:** Regular plantation programs are undertaken on various celebration days. Most vehicles are subjected to regular pollution checks and PUC certification is obtained for all of the University vehicles.

***Plantation:** Over 8 lakh plants are planted in total 517.5 acres of campus. In house nursery is established to develop 2.5 lakh horticultural seedlings per year. Care is taken to reduce mortality rate. Camps for nature conservation are conducted viz: street skits, dramas etc at regular interval. Solapur University has the pride of being a recipients of best afforestation program 2010 given by MOEF. Further, it received Vanshri award in 2012.

***Hazardous waste management:** Generated hazardous waste is managed safely at its sources by concerned departments. All hazardous waste materials from chemical laboratories are diluted, to manage hazardous waste.

***E-waste management:** Solapur University being young, it has minimum e-waste such as obsolete computers, DVD, CD, etc. Regular right –off committee is designated to dispose e-scrap through tenders.

7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the university.

A wide range of interventions and innovations including multi-disciplinary stake holders' campaign are being adopted by Solapur University. Active involvement of different stake holders has been success story in innovation programs. The milestones of the University are :

1. Adoption of school pattern in promoting maximum utilization of resources such as Infrastructure and Staff; net result in increase of Post Graduate programs from 07 at the time establishment in 2004 to 19 at the end of 2013-14. Thus, addressing in capacity building, implement strategies for decent and productive work for youth. This has heralded in gainfully employing the youth force and targeting Millennium Development Goal.
2. Dynamic structure of syllabus with changes brought in every 3 years by adopting UGC guidelines. Solapur University examination pattern is semester with CGPA system. The syllabus at PG level includes, apart from other papers, project work, ICT, research methodology, etc.
3. University takes the pride of implementation of UGC regulations 2009 for Ph.D. admission through PET examination; and University completed five such PET examinations. Government regulations were implemented in admitting socio-economic and marginalized students. University had made mandatory "publication of research papers" with impact factor prior to submission of Ph.D. thesis.
4. Internet service is provided to students and staff under the MHRD scheme of National Mission of Education in ICT. University has internet laboratory in library with a capacity of over 55 students.
5. Hostel for boys with a built up area of 10592 sq.m. and capacity of 200 students and Girls hostel with a built up area of 1950 sq.m and capacity of 80 students promote youth empowerment in higher education.
6. University provides Departmental Research Fellowship (DRF) from its own grants. A student under the scheme receives Rs.10000/- month for 2 years and in addition a sum of Rs. 5000 to meet contingencies expenditure.
7. Office automation is a step to reduce paper work, increase efficiency and rapid communication has been launched viz, LAN/NET connectivity and bulk "Alert SMS" Service thereby reducing carbon foot prints.
8. On line transaction: Admission to P.G and Ph.D. courses are carried through on line mode. The victory shot in making Digital University is made through online-eligibility, alert SMS, generation of examination form, hall tickets, results and re-evaluation, for every student under college login facility. A fillip to such achievements is implementation of online delivery of question paper and evaluation of MCA examination on pilot project basis.
9. University library houses good number of books and journals. The library has over 9893 books and e-journals. It further subscribes 38659+ e-journals through INFLIBNET and J-gate services. Library books are bar coded and extends books on loan basis. A library in the

heart of the city caters to Under Graduate and Post Graduate students and is worthy to witness during examination period.

10. School of Computational Sciences conducts value added certificate course in spoken tutorials sponsored by MHRD and IIT Bombay for 130 students. The examination and course instructions are online.
11. School of Earth Sciences has built-up basic virtual class room facility and conducts value added certificate course telecasted through EDU-SAT online. The course is sponsored by IIRS, Dehradun. The course is on remote sensing, GIS and global navigation satellite system. A total of 70 students received the instructions.
12. Social responsibilities has been carried out by School of Earth Sciences and School of Social Sciences in village adoption programs. The programs such as free ground water survey to have sustainable potable and irrigation water is a landmark to achieve Millennium Developmental Goal of United Nations. The program had been completed in Hiraj Village and the numbers of beneficiaries are 59. The ground water survey under the scheme of “Jalsuraj” initiated and implemented by the State Government of Maharashtra. The School of Earth Sciences has carried out the ground water survey of 24 villages (Osmanabad District) beyond Solapur University jurisdiction. School of Social Sciences has similarly moduled village adoption activities for poverty alleviation with a target of Millennium Development Goal. Thus Solapur University loves thy neighbor’s. School of Social Sciences conducted Village women sarpanch workshop and awarded prizes to eleven women sarpanch.
13. University has pooled over Rs.4,06,703/- for natural disasters at state and national level. The money has been send to Chief Minister and Prime Minister’s Relief Fund. For the purpose, all employees contributed one day pay.
14. University is further committed in engaging itself as volunteers during Zilla Parishad, State and National level elections. Its employees had worked as Poll officers, Presiding officers and Auditors during elections.
15. Medical aids and camps for staff and students are organized to review health status such as hemoglobin percentage, Blood Sugar, Bone Density, Dental Carries etc. These aid and camps on translation to economic support costs Rs. 7.10 Lakhs from 2009 to 2014.
16. Earn and Learn, Work on Demand: Large population of students of Solapur University hail from economically weaker section and they are first time learners. To support such pupil, University has launched Earn while learn. They are given few hours to work in library for which they are paid. A total of 81 students are benefitted with an outlay of Rs.5,60,000/- from 2010 to 2014. Further, the scheme promotes dignity of labour amongst young generation. Work on demand is a scheme wherein student are financially supported on completion of work.
17. Anti Ragging Committee: In order to curb the menace of ragging in higher education, Solapur University has constituted; (1) Anti Ragging committee and (2) Anti Ragging Squads for hostel as per the guidelines of UGC, New Delhi.



18. Students Grievance Redressal Cell: University tribunal addresses the aggrieved students problems and complaints of admissions and other academic related matters. In addition to this, there is a departmental admission committee for similar purpose.
19. Staff Grievance Redressal Cell: It takes care of the complaints received from staff. The cell has been constituted u/s 57 of Maharashtra Universities Act, 1994.
20. Accounts code: Solapur University follows Government of Maharashtra Universities Unique Accounts Code in all the financial transaction. e-Tendering is in operation for any transaction over a sum of Rs.10 lakhs. This helps in transparency of financial matters.
21. SC/ST Special Cell: The special cell of Solapur University monitors the implementation of reservation policy in admission to the courses and hostels.
22. Support for physically challenged persons: University extends free vehicles for physically challenged employees. The infrastructures of building are designed with ramp facilities and toilets for such employees.
23. Interest free laptop and PC Scheme: University encourages its staff in obtaining Laptop and PC of their choice through loan from Central Bank of India. The interest is paid by University and the principal amount has to be borne by loan availant through EMI spread over 30 months duration. A total of 99 employees availed off this benefit.
24. Sports and Games Cell: University encourages its students for participation in sports and games at University, State, Zonal, National and International events. It provides free sports kit, travel concessions, dietary allowance etc. for most of its sportspersons. Solapur University has scaled the events such as swimming and hold awards in international events.
25. Students and Staff Accident Policy: Solapur University is located 10 km away from the city. Its employees and students travel long distance to reach the destinations. The travel being a bit risky as University is on NH 165. The University has Rs.1 lakh insurance policy for various unforeseen accidents resulting in hospitalization, partial or complete disability etc with a token amount of Rs. 15 per person. The operations are through AIG-TATA Insurance Co. Pvt. Ltd.
26. NSS Unit: Solapur University has active NSS Unit. Under its banner, various activities such as environment awareness, conservation of forest, afforestation, cultural festivals, natural hazards management, health care, save girl child programs, road construction, etc. were carried out regularly. Over 10 lakh trees were planted during the period of last five years. The major achievements of NSS are best NSS Team 2008-09 and Best NSS Co-ordinator 2008-09 are the few to mention. It further received Maharashi Ramji Shinde Puaraskar, Adarsh Samaj Bhusan Purashkar, Chh. Shahu Maharaj Puraskar, Vruksha Mitra Puraskar etc for similar activities.
27. University Instrumentation Centre: It is a nodal centre for sophisticated instruments such as XRD, NMR, FTIR, elemental analyzer, AAS, Micro wave synthesizer, etc, for research activities. These instruments are procured with an outlay of Rs.3 crores funded

- by Government of Maharashtra. Students and researchers are given concession in analysis of their samples.
28. A remedial coaching centre for socially and economically backward and peripheralised students has been included as BARTI—Babasaheb Ambedkar Research and Training Institute, Pune and receives 100% funding from the State Government of Maharashtra. Coaching is imparted for SC/ST students to qualify group I and II examinations, Civil Services etc of MPSC and UPSC.
 29. The Journalism and Mass communication discipline offers programs which include television programs and documentary. Development, Communication, Information and Communication Technologies, Film, Media Community had taken the advantage of the curriculum in various activities. The Department of Journalism and Mass Communication had experimented in lead acting in three documentary films. One on a National Integration “Bhartiyano Chala Ek houya” second is on “Bhog” and third is on “Dhag” The documentaries are written and directed by Mr. Baburao Mane a visiting faculty in the Department of Journalism and Mass Communication.
 30. The School of Physical Sciences had made a significant contribution in enhancing the efficiency of solar cells upto 7.3%.
 31. The University has heralded a scheme of career guidance and welfare activity for its affiliated colleges with a budgetary provision of Rs.0.5 lakh from the financial year 2014-15. The activities included lectures on UPSC, MPSC, Banking Exam, Staff Selection and other Competitive Examinations. A token amount of Rs. 2500 to each of the college has already been extended.
 32. University has opened further, the welfare scheme to induce professional enhancement for its teachers in the form of reimbursement of Lifetime Membership fee (at actual or maximum limit of Rs. 2000 for 10 teachers of all the disciplines) of Government recognized Professional Academic Society,
 33. The University provides financial assistance of Rs. 1000 each for college that conducts stress management and stress relief programs to their staff and students. A budgetary provision of Rs. 0.5 lakh has been nucleated in the financial year 2014-15.
 34. Students who are identified as fast learners are given books worth Rs. 2500 per year. The maximum limit of 8 students per school will take the benefit from the financial year 2014-15. For the purpose, University has carved out an amount of Rs.2.00 lakhs from its budgetary provision.

7.3 BEST PRACTICES:

7.3.1 Give details of any two best practices which have contributed to better academic and administrative functioning of the university.

1. **Title of the Practice:** Digital University
2. **Objectives of the Practice:** This scheme was started in 2006. The scheme has been implemented with following objectives:
 1. To maximise the utilization of available resources and make the University a “Model University” in the domain of Higher Education.
 2. To make transparent transaction in academic, administration, accounts and to make seamless, paperless and speedy communication with its stakeholders.
3. **The Context:** Solapur University is the only University which was formulated for one district. It started with inadequate manpower and meager resources. In the era of ICT, University decided to maximize the utilization of the limited resources using internet. Thus with the help of Maharashtra Knowledge Corporation Ltd. (MKCL) the University has conceptualized the concept of “Digital University”.
4. **The Practice:** Several interrelated software modules are available in the software which helps to meet the concept of “Digital University”. The benefits spinned are:
 1. To record the details of affiliated colleges and all courses offered by them and University.
 2. To define the course structure along with the syllabus.
 3. To fill up the admission form of the students. This facility is available on the college and students login.
 4. The eligibility module is used to check the eligibility of the student for the concerned courses.
 5. Examination form of all eligible students is generated in the University login and then colleges will download the same from their login.
 6. Online payment of eligibility fee and exam fee by the colleges through online payment gateway.
 7. In the students login all the academic activities starting from admission to convocation are made available.
5. **Evidence of Success:** The scheme has been useful to the University, College and Students. A total of 2, 08,694 students of over hundred colleges availed the benefit from 2010 to this date.



1. Title of the Practice: NSS : A BRAND AMBASSADOR IN UNIVERSITY DEVELOPMENT

2. Objectives of the Practice :

1. To develop social responsibility and team spirit.
2. To involve the students into developmental work of University.
3. To develop work culture with a theme of together every one achieve more.

3. The Context :

In India, the idea of involving students in the task of national service dates back to the times of Mahatma Gandhi. The central theme of NSS is to inculcate social responsibility. The Motto of NSS is "Not Me But You", reflects the essence of democratic living and upholds the need for self-less service. In view of this, University authorities have decided to organize various camps with strong strength of 3584 NSS volunteers on the campus. The NSS volunteers transformed the barren area of 482 acres to a land of experiments and experience.

4. The Practice :

A sustained NSS camp was organized for the duration of three months. The NSS volunteers were drawn from all the affiliated colleges and University Departments in translating the dream to reality. About 26,90,480 man hours of 3584 NSS volunteers were harnessed for planting 10 lakh trees, constructing Continuous Contour Trenching (CCT) of a distance of 40 kms. The CCT is made to recharge subsurface water table. This activity helped in protecting against erosion of entisols and inceptisols. In house nursery was established through their hardship and 2.5 lakh horticulture seedlings were grown per year. Due care was taken to reduce mortality rate.

5. Evidence of Success :

The NSS unit of the university rendered altius efforts in the cultural, social and landscape development of University campus. The University, volunteers and program officer of NSS unit have bagged the following awards:

1. "Best University" award for NSS activity- 2008-09, Honoured by Higher and Technical Education, Government of Maharashtra.
2. Chhtrapati Shivaji Maharaj Vanshree Award-2010, Honoured by Social and Forest Department, Government of Maharashtra.
3. Green Idol award instituted by Dainik Bhaskar Group.
4. Inter University road safety Janjagrati Abhiyan-2014, instituted by RTO, Government of Maharashtra.
5. Maharshi Ramaji Shinde Award instituted by R.N.Chavan Pratisthan Wai, Dist.-Satara.
6. Adarsh Samaj bhushan Award instituted by Maharashtra Vrukshasanvirdhani, Pune
7. Ch. Shahu Maharaj Award, Kolhapur

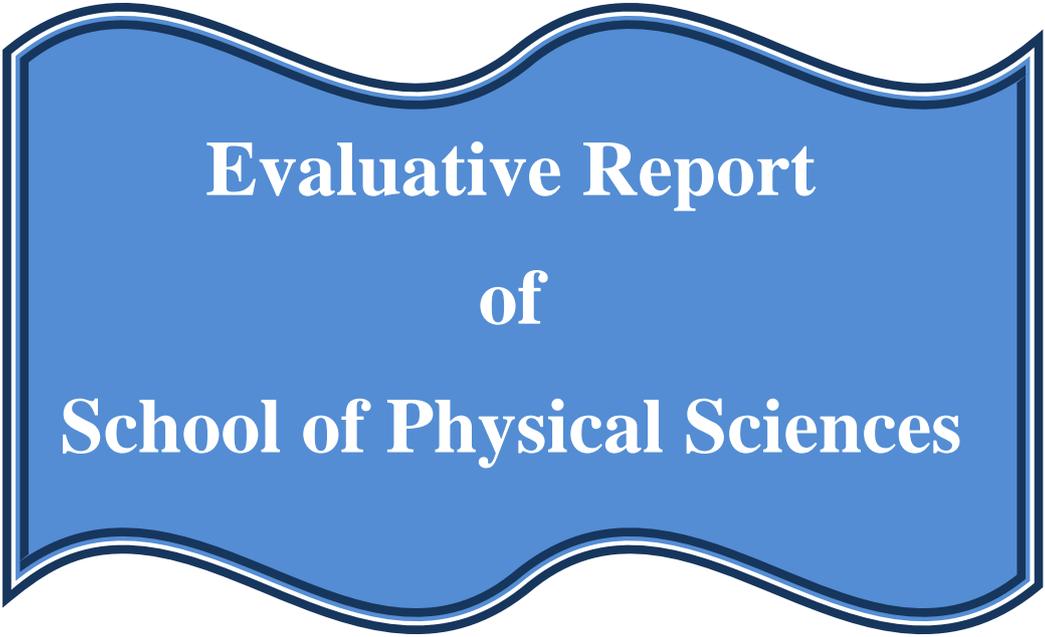


8. Excellent Program Organiser- State Level Award, 2008-09, Maharashtra State, instituted by Higher and Technical Education Ministry, N.S.S. Division, Mumbai.
9. Rashtra Chetana Award, 2010 instituted by Dream Foundation, Solapur District.
10. Adarsh Vruksha Sangopan Award, 2010 Maharashtra Vrukshasanvirdhani, Pune.
11. Adarsh Program Organiser Award, 2012 instituted by Rajmata Ahilyadevi Holkar Pratishtan, Pune.
12. Adarsh Vrukshamitra Award, 2012 instituted by Sushrut Pratishtan, Haritmitra Pariwar and Kavyamitra, Pune.



Section - C

**Evaluative Reports
of the
Academic Schools**



**Evaluative Report
of
School of Physical Sciences**

Evaluative Report of School of Physical Sciences

1. **Name of the School / Department :** School of Physical Sciences
2. **Year of establishment :**

M. Sc. Physics (Applied Electronics)	1984
M. Sc. Electronics (Communication Science)	1997
M. Sc. Physics (Materials Science)	2009

3. **Is the School / Department part of (Faculty of Science) a School/Faculty of the university?**

Yes.

School is a part of Faculty of Science.

4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc. D.Litt., etc.):**

Name of the program	Specialization
M. Sc.	<ul style="list-style-type: none">• Physics (Applied Electronics)• Electronics (Communication Science)• Physics (Materials Science)
M.Phil	<ul style="list-style-type: none">• Physics
Ph.D	<ul style="list-style-type: none">• Physics• Electronics

5. **Interdisciplinary programmes and departments involved:** Yes
The School of Physical Sciences has Materials Science as one of the specialization/department. The core structure of the specialization has designed such that there are more than 50% core papers and hence the syllabus common. Further, this specialization also includes two core components as Physical Chemistry and Materials Chemistry from the Chemistry discipline. Also there are many core components from Materials Science that are related to recent trends and technology pertaining to nano science and materials, sensing materials, ferrite and ferroelectric materials etc.
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.:**
Courses on collaboration with other universities, industries, and foreign institutions is not on formal basis however, students are sent regularly to various CSIR, DST Government and semi government organizations for in house / summer/ winter training programs for project works.
7. **Details of programmes discontinued, if any, with reasons:**
Applied Solid State Physics course is discontinued and it is reconstituted as Materials Science. As per the suggestions of experts from various fields the Applied Solid State Physics course is restructured as Materials Science in view of worldwide trends of Materials Science.



8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System:**

- Semester Pattern with Credit System- Cumulative Grade Point Average (CGPA) with Continuous Internal Evaluation for P G courses.
- Annual pattern - M.Phil and Ph.D. courses.

9. **Participation of the department in the courses offered by other departments:**

Common papers are offered across the departments within the school therefore all the departments participate in curriculum development. Further, the School has also few core papers from Chemistry discipline (Physical Chemistry).

10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others) :**

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	00	02
Associate Professors	02	01	01
Asst. Professors	04	03	01
Others*	-	03	03

* In view of the increase in workload additional staff on contractual basis have been appointed.

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:**

Name	Qualification	Designation	Specialization	No. of Years of Experience	M.Phil. students awarded for the last 4 years	Ph.D. Registered
Dr. L. P. Deshmukh	M.Sc., Ph.D, M.I.ETE.	Professor and Director	Physics (Advanced Electronics)	30	04	08
Dr. S. S. Suryavanshi	M.Sc., Ph.D	Professor	Physics (Advanced Electronics)	24	04	08
Dr. B. J. Lokhande	M.Sc., Ph.D	Associate Professor and Head (Materials Science)	Energy Studies	07	--	08
Dr. V. B. Patil	M.Sc., Ph.D	Assistant Professor & I/C. Head (Dept. of Electronics)	Physics (Applied Electronics)	16	05	07
Dr. P. B. Joshi *	M.Sc., Ph.D	Professor	Physics (Advanced Electronics)	30	03	02

*VRS from 01/11/2013



12. List of senior Visiting fellows, adjunct faculty, emeritus professors:
Nil

13. Percentage of classes taken by temporary faculty – programme-wise information:

Sr. No.	Name of The Course	Percentage of Classes taken by temporary faculty
1	M. Sc. Physics (Applied Electronics)	20%
2	M. Sc. Electronics (Communication Science)	100%
3	M. Sc. Physics (Materials Science)	50%

14. Programme-wise Student Teacher Ratio :

Sr. No.	Name of Programs	Student Teacher Ratio
1	M. Sc. Physics (Applied Electronics)	8:1
2	M. Sc. Electronics (Communication Science)	8:1
3	M. Sc. Physics (Materials Science)	8:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual :

Sr. No.	Name of the Post	Number of sanctioned post	Number of filled post	Number of actual post
A	Technical staff			
1	Store keeper	01	01	01
2	Laboratory Assistant	03	03	03
3	Laboratory Attendant	03	02	02+01*
B	Administrative Staff			
1	Junior Clerk	01	01	01
2	Peon	01	01	01

* 01 Laboratory Attendant post is vacant .In place of it, one contractual basis laboratory attendant is appointed.

16. Research thrust areas as recognized by major funding agencies :

- Solar Cells
- Thin Films
- DMS Materials
- Metal Oxide Gas Sensors
- Magnetic Materials
- Supercapacitors
- Conducting Polymers
- Ferrite and Ferroic Materials

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:

Sr. No	Title of the Project	Funding Agency	Total Grant Received in Lakhs	Name of Investigator
1	Ruthenium Doped Vanadium and Titanium Oxide Electrode for Supercapacitor and It's Devices	DST 2013-2017	44.20	Dr. B.J. Lokhande
2	Synthesis and Characterization of Conducting Polymer - Metal Oxide Based Nanocomposites for Gas Sensing Applications.	DST-FTP 2009- till date	11.13	Dr. V.B.Patil
3	Development of Zirconia Aerogels Dried at Ambient Pressure for Industrial and Domestic Applications	DST	23.00	Dr. U. K. H. Bangi
Total = 78.33				

18. Inter-institutional collaborative projects and associated grants received :

- a) National collaboration: DST, DST-FTP -Total grant received: 78, 33,600/-
b) International collaboration: - Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.;
Total grants received: Nil

20. Research facility / centre with

- **State recognition**
- **National recognition**
- **International recognition**

State and Central funding agencies have recognized all the laboratories of the school. Therefore, funding of various projects was received for the various thrust areas and mission goal of the institute/ department.

21. Special research laboratories sponsored by / created by industry or corporate bodies : Nil

22. Publications:

- 1) Number of papers published in peer reviewed journals (national / international): **181**

Sr. No.	Name of Teacher	International Journal Pub.	National Journal Pub.	Total Publications	Total Impact factor
1	Prof. L.P. Deshmukh	44	02	46	51.705
2	Prof. S. S. Suryavanshi	35	01	36	74.947
3	Dr. B. J. Lokhande	13	----	13	12.696
4	Dr. V. B. Patil	59	----	59	128.466
5	Prof. P.B.Joshi	24	03	27	28.732
	Total	175	06	181	296.546

2. Monographs: 05

Sr. No.	Title of monograph	Publisher	Year	Authors
1	Electrochemical Measurements	Lambert Academic Publishing, Germany ISBN-978-3-659-44602-3.	2013	Dr.B.J.Lokhande
2	Transparent Conducting Oxides in Supercapacitor	Lambert Academic Publishing, Germany, ISBN-978-3-659-45804-0	2013	Dr.B.J.Lokhande
3	Studies on Polyaniline-Titanium Dioxide Nanocomposites For Volatile Organic Component (VOC) Recognition	Lambert Academic Publishing Germany 978-3-8465-4914-8	2012	Dr. V.B.Patil
4	Polyaniline-Zinc Oxide Thin Film Ammonia Gas Sensor	Lambert Academic Publishing Germany 978-3-659-22896-4	2012	Dr. V.B.Patil
5	Fabrication of Polypyrrole-ZnO Nanocomposite Sensors	Lambert Academic Publishing Germany 978-3-659-46524-6	2013	Dr. V.B.Patil

3. Chapters in Books: One

Polyaniline: Synthesis, Characterization and Gas Sensing Applications, NOVA Publisher, New York, ISBN No. 978-1-62808-427-6, 2013, 1-30.

4. Edited Books: Nil

5. Books with ISBN with details of publishers: Nil

6. Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) :

Sr. No.	Name of Teacher	Citations	<i>h</i> -index	i10-index	Impact Factor range
1	Dr. L.P.Deshmukh	993	18	43	1.0 to 5.471
2	Dr. S. S. Suryavanshi	535	14	19	0.42 to 3.898
3	Dr. B. J. Lokande	404	7	6	1.90 to .2.108
4	Dr. V. B. Patil	848	17	39	1.1 to 4.02
5	Dr. P.B.Joshi	164	07	05	0.30 to 2.76

23. Details of patents and income generated : Nil

24. Areas of consultancy and income generated : Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad:

- Prof. L.P.Deshmukh visited, Xiang Xiantong Engineering University, China.
- Prof. L. P. Deshmukh visited, Tribhuvan University, Nepal.
- Prof. L. P. Deshmukh visited, Management University, Singapore.
- Prof. L. P. Deshmukh visited S. P. University (Gujarat) as a Visiting Professor (Under UGC Scheme).

26. Faculty serving in

- National committees,**
- International committees**
- Editorial Boards**
- any other (please specify) :**

Prof. L. P. Deshmukh:

- Editorial Board Member for J. Energy Science and Technology (Canadian Research & Development Center of Science and Cultures)
- Editorial Board, Kalyan, Mumbai University Star College Scheme (DST - DBT).
- National advisory committees Star College Scheme, Birla College, Kalyan, University of Mumbai.
- NET/SET examiner & paper setter Pune.
- RRC, (2010-2015) University of Mumbai.

- RRC, (2012-2017) SRTMU, Nanded.
- BOS (2005-2010) & BUTR (2010-15), Department of Physics, University of Mumbai, Mumbai.
- BOS (1998-2002) Physics & BUTR (2002-2005) Electronics, SRTMU, Nanded.
- BOS (2010-2015) Electronics, Pune University, Pune.
- BOS (2015-2018) Applied Electronics, Gulbarga University, Gulbarga.
- Prof. L.P. Deshmukh- Convener Recent Trends & Technology of Nano-Materials & Smart Devices (RTT-NSP-2013).
- Subject expert for CAS, SRTMU Nanded, NMU Jalgaon, University of Mumbai and STM Nagpur.
- Reviewer for National & International Journal (21).
- Resource person for Refresher courses at BAMU Aurangabad and Gulbarga University, Gulbarga.

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs):

Sr. No.	Name of Faculty	Program	Place	Date
1	Dr. V. B. Patil	Refresher Course	Academic Staff College, Pune University, Pune	08-10-2012 to 28-10-2012

28. Student projects

- Percentage of students who have done in-house projects
Including inter-departmental projects:

Sr. No.	Name of The Course	Percentage of Students Who have done in house project
1	M. Sc. Physics (Applied Electronics)	100%
2	M. Sc. Electronics (Communication Science)	80%
3	M. Sc. Physics (Materials Science)	100%

- Percentage of students doing projects in collaboration with other universities /industry / institute : 20%

Sr. No.	Name of The Course	Percentage of Students Who have done projects in collaboration with other university / industry / institute
1	M. Sc. Physics (Applied Electronics)	--
2	M. Sc. Electronics (Communication Science)	20%
3	M. Sc. Physics (Materials Science)	--

29. Awards / recognitions received at the national and international level by Faculty:

Sr. No.	Name of Faculty	Award/Recognition	Bodies /Agencies
1.	Dr. V.B.Patil	Summer Research fellowship of 4 ^h May to 3 th July 2008	Indian Academy of Sciences, Bangalore
2.	Dr. V.B.Patil	Young Scientist Fellowship	Department of Science and Technology, New Delhi, -2009.
3.	Prof. P.B.Joshi	State Level Best Teacher Award	Government of Maharashtra

- Doctoral / post doctoral fellows: 00
- Students:

Sr. No	Name of Doctoral Fellow	Award/Recognition
1	Mr.R.C.Ambare	2 nd Prize for best poster presentation. National conference, Pandharpur-2012
2	Mr.G.D.Khuspe	1 rd Prize for best poster presentation, 2013.National conference on Nanomaterials DBF Dayanand, College, Solapur-2012.
3	Mr.R.C.Ambare	1 st Prize for best poster presentation, Thermal Analysis, DAE-BRNS Mumbai-2013
4	Mr. R.C. Ambare	1 st Prize for best poster presentation. International Conference On Recent innovations in Nano Biopolymer Pharma. Technology. SRTM Univ. Nanded-2013.
5	Mr. P.C. Pingale	1 st Prize for best Oral presentation.Natioanl Conference on Recent Trends in Materials Science(NCRMS-2012), AVC, College, Mayiladuthurai, Tamilnadu, March 8-9,2012.
6	Mr. V.D. Bachuwar	1 st Prize for best Oral presentation , National Conference on Recent Trends in Electronics & Instrumentation(NCRTEI-2013).Bharathihar University, Coimbatore, September, 20-21, 2013



30. Seminars/ Conferences/Workshops organized and the source of funding (national / International) with details of outstanding participants, if any.:

Sr. No.	Title Seminars/ Conferences/ Workshops	Convener	source of funding	outstanding participants
1	Recent Trends & Technology of Nano-Materials & Smart Devices (RTT-NSP-2013)	Dr. L. P. Deshmukh	Solapur University	Harish Dubey, Mumbai, D.E.Kshirsagar, Mumbai, M.Bahir, SRTM,Nanded, M.L.Dongare, Pune, R.D.Kale, Baramati, P.Rosaiah, Tirupati(AP)
2	Hand's On Experience On the Micro Controllers (2011-12)	Dr. S.S. Suryavanshi	Solapur University	Mr. S.V. Adlinge.Aftek Ltd, Solapur, Ms.R.R.Aftek, Ltd, Solapur,Mr. V.R.Ballary, Aftek, Ltd, Solapur,Mr. G.R.Mohan,Dayannad College, Solapur,Ms. A.P.Ghule, Dayannad College, Solapur.
3	MATLAB and Simulink, 2013,	Dr. S.S. Suryavanshi	Solapur University	Ms.M.D.Mali, SPSPMS NBN Sinhgad College of Engineering , Solapur, Mr. S.A.Jagtap, BMIT, Solapur, Mr. M.S.Shirwal, Orchid College of Engineering & Technology, Solapur, S.M.Todkari, Solapur

31. Code of ethics for research followed by the departments:

University has its ethical policy and code of conduct as per UGC guidelines and local requirements.

32. Student profile programme-wise: (2010-14)

1) For year 2010-2011

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
Post graduate	137	26	27	67.78	67.05
1. M. Sc. Physics (Appl. Elec.)	69	10	10	44.44	75.0
2. M. Sc. Physics (Mat. Sci.)		06	10	71.42	46.15
3. M. Sc. Electronics (Comm. Sci.)	68	10	07	87.50	80.0
M. Phil	--	----	----	---	---
Ph. D.	---	09	01	--	---

2) For year 2011-2012

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
Post graduate	182	22	20	65.69	74.53
1. M. Sc. Physics (Appl. Elec.)	107	08	08	50	77.77
2. M. Sc. Physics (Mat. Sci.)		09	06	53.33	62.50
3. M. Sc. Electronics (Comm. Sci.)	75	05	06	93.75	83.33
M. Phil	----	--	---	---	---
Ph. D.	---	06	01	---	---

3) For year 2012-2013

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
Post graduate	260	31	26	61.30	77.12
1. M. Sc. Physics (Appl. Elec.)	190	08	11	31.25	78.94
2. M. Sc. Physics (Mat. Sci.)		10	10	94.44	94.11
3. M. Sc. Electronics (Comm. Sci.)	70	13	05	58.22	58.33
M. Phil	---	---	---	---	---
Ph. D.	---	13	05	---	---

4) For year 2013-2014

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
Post graduate	260	24	34	78	95
1. M. Sc. Physics (Appl. Elec.)	190	08	14	62.50	92.30
2. M. Sc. Physics (Mat. Sci.)		12	10	25.00	60.00
3. M. Sc. Electronics (Comm. Sci.)	70	07	06	16.66	33.33
M. Phil	-	-	-	-	-
Ph. D.	48	05	02	---	---

33. Diversity of students:

Name of the Programme (refer to question 4 Programme)	% of Students From the same university	% of Students From other universities With in the State	% of Students From universities Outside the State	% of Students From Other Countries
Post Graduate	90%	10%	---	---
M.Phil	-	-	---	---
Ph.D.	90%	10%	---	---

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. :

Sr. No.	Academic Year	SET	NET	GATE	Others (Defence Service)	Total
1.	2000-2009	01	--	--	01	02
2.	2009-2010	--	01	--	--	01
3.	2010-2011	--	--	--	--	--
4.	2011-2012	--	--	--	--	--
5.	2012-2013	--	--	--	--	--

35. Student progression

Student progression	Percentage against enrolled
UG to PG	20.76
PG to M.Phil.	00
PG to Ph.D.	12.5%
Ph.D. to Post-Doctoral	00
Employed	
<ul style="list-style-type: none">• Campus selection• Other than campus recruitment	- 80%
Entrepreneurs	Students passed out are employed in communications system research laboratories and industry sectors (20%).

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	Nil
from other universities within the State	100%
from universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: Nil.

38. Present details of departmental infrastructural facilities with regard to

- Library: Department has its own Departmental Library.
- Internet facilities for staff and students : Yes
- Total number of class rooms :03
- Class rooms with ICT facility : 01
- Students' laboratories : 03
- Research laboratories : 09

39. List of doctoral, post-doctoral students and research associates

a) from the host institution/university – 41

Sr. No	Name of the student	Date of Award of Degree	Name of Guide
1.	Mr. S. G. Holikatti	1996	Prof. L.P.Deshmukh
2.	Mr. B. M. More	1997	Prof. L.P.Deshmukh
3.	Mr. G. S. Shahane	1998	Prof. L.P.Deshmukh
4.	Mr. D. S. Sutrave	2000	Prof. L.P.Deshmukh
5.	Mr. Kokare S. R.	2001	Prof. P. B. Joshi
6.	Mr. Desai R. V.	2002	Prof. P. B. Joshi
7.	Mr. A. R. Patil	2002	Prof. L.P.Deshmukh
8.	Mr. Pawar S. A.	2002	Prof. P. B. Joshi
9.	Mr. Padal N. T.	2002	Prof. P. B. Joshi

10.	Mr. V. B. Patil	2003	Prof. L.P.Deshmukh
11.	Mr. R. N. Mulik	2003	Prof. L.P.Deshmukh
12.	Mr. P. D. More	2003	Prof. L.P.Deshmukh
13.	Mr. E. U. Masumdar	2003	Prof. L.P.Deshmukh
14.	Mr. Ghodake S.A.	2003	Prof. S.S.Suryavanshi
15.	Smt. Kulkarni A.P.	2004	Prof. P. B. Joshi
16.	Mr. Kolekar Y. D.	2004	Prof. P. B. Joshi
17.	Mr. V. B. Pujari	2004	Prof. L.P.Deshmukh
18.	Mr.V. S. Karande	2005	Prof. L.P.Deshmukh
19.	Mr. Ghodake U.R.	2005	Prof. S.S.Suryavanshi
20.	Mr. S. H. Mane	2006	Prof. L.P.Deshmukh
21.	Mr. Salunkhe D. J.	2007	Prof. P. B. Joshi
22.	Mr. Ghodake J.S.	2008	Prof. S.S.Suryavanshi
23.	Mrs. Deshmukh V. J.	2008	Prof. S.S.Suryavanshi
24.	Mr. Kulkarni S. V.	2009	Prof. P. B. Joshi
25.	Mr. Veer S. S.	2009	Prof. P. B. Joshi
26.	Miss. Darshane S. L.	2010	Prof. S.S.Suryavanshi
27.	Mr. Mali S. M.	2011	Prof. P. B. Joshi
28.	Mr. S. G. Pawar	2011	Dr. V.B.Patil
29.	Mr. Khandekar M. S.	2012	Prof. S.S.Suryavanshi
30.	Mr. S. L. Patil	2012	Dr. V.B.Patil
31.	Mr. S. A. Lendave	2012	Prof. L.P.Deshmukh
32.	Mr. S. T. Mane	2013	Prof. L.P.Deshmukh
33.	Mrs. Bagal L.K	2013	Prof. S.S.Suryavanshi
34.	Mr. Patil J.Y	2013	Prof. S.S.Suryavanshi
35.	Mr. H. K. Dubey	2013	Prof. L.P.Deshmukh
36.	Mr. M.A. Chougule	2013	Dr. V.B.Patil
37.	Mr. B. T. Raut	2013	Dr. V.B.Patil
38.	Mr. Jigajeni S. R.	2013	Prof. P. B. Joshi
39.	Smt. Salunkhe S. M.	2013	Prof. P. B. Joshi
40.	Mr. Chhatarki A.N	2014	Prof. L.P.Deshmukh
41.	Mr. G. D. Khuspe	2014	Dr. V.B.Patil

b) from other institutions/universities – 02

Sr. No.	Name of the student	Date of Award of Degree	Name of Guide
1.	Mr. J. S. Dargad	2009	Prof. L.P.Deshmukh
2.	Mr. R. V. Suryavanshi	2014	Prof. L.P.Deshmukh

40. Number of post graduate students getting financial assistance from the university.

Two students got financial assistance from the university under Earn and Learn scheme.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. – No



- 42. Does the department obtain feedback from**
- Faculty on curriculum as well as teaching learning evaluation? If yes, how does the department utilize the feedback? :**
Yes, through suggestions from the faculty and implementation therein.
 - Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? :**
Yes, The feedback from students is taken per year. Accordingly curriculum and teaching methodology are updated, if necessary.
 - Alumni and employers on the programmes offered and how does the department utilize the feedback? :**
Yes, Department gets suggestions on the curriculum from ex. students who are employed and are on the positions in the industry and institutes.

- 43. List the distinguished alumni of the department (maximum 10) :**

Sr. No.	Distinguished alumni of the department	Working place
1	Dr. J.S .Dargad	Principal, Dayanad Science College, Latur, SRTMU, Nanded.
2	Dr. E.U.Masumdar	Chh. Shahu College , Latur, BOS Chairman, Elect, Physics & Photonics, Academic council & Secretary member ,
3	Dr. S.D. Sartale	Associate Professor, Savitribai Phule Pune University, Pune.
4	Dr. V.B.Patil	Assistant Professor, Solapur University, Solapur.
5	Dr. Harish Dubey	University of Mumbai Capt. NCC Unit, Special Executive Officer, Govt. of Maharashtra. Div.Commander NCC, Navy, MAH.Self Defence Officer Kalyan.
6	Mr. Vishal Yelegaonkar	ADC, Rajbhavan, Goa.
7	Mr. C.B.Rotti	Scientist, IPRL, Ahmadabad, Gujarat.
8	Mr. S.S. Atnur	SDE, BSNL, Solapur.
9	Mr. Bhashkar Safar	SDE, BSNL, Solapur.
10	Mr. Srikant Mabrukhane	Divisional Engineer, BSNL, Solapur.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts. :

Sr. No.	Name	Address
1.	Prof. M. Sharon	Director, NCNRC SCES college Ambarnath Jambhul phata, Ambarnath
2.	Prof. Mrs. Sharon M.	Ex. Director NCNRC SICES college Ambarnath Jambhul phata, Ambarnath
3.	Prof. D. Bahaddur	Department of Metallurgical Engineering & Material Science, Indian Institute of Technology Bombay, Powai.Mumbai – 400 076
4.	Prof. A. D. Shaligram	Department of Electronics Science, University of Pune, Pune – 411 007
5.	Mr. Tabrez Khan	Mathwork, Bangalore
6.	Prof. Gourish Naik	Department of Electronics, Goa University, Talegaon Plateau, Goa
7.	Prof. M. D. Uplane	Department of Instrumentation Science, University of Pune, Pune – 411 007
8.	Prof. P. N. Bhosale	Department of Chemistry, Shivaji University, Kolhapur, Vidyanagar, Kolhapur – 416 004
9.	Prof. B. A. Kagali	Department of Physics, Bangalore University, Bangalore, Jalihalli Bangalore. K .S
10.	Prof. M. A. More	Department of Physic, University of Pune, Pune – 411 007
11.	Prof. M. Pattabi	Department of Materials Science, Mangalore University, Mangalore – K .S.
12.	Prof. D. C. Kothari	H.O.D., Department of Physics, University of Mumbai, Kalina Campus, Mumbai – 400 098
13.	Dr. S. K. Gupta	SSP Division BARC, Mumbai – 400 085
14.	Dr. U. P. Mulik	Director C – MET, Pune
15.	Prof. S. V. Bhoraskar	Department of Physics, University of Pune, Ganesh khind, Pune – 411 007
16.	Prof. V. N.Bhoraskar	Department of Physics, University of Pune, Ganesh khind, Pune – 411 007
17.	Dr. N. B. Chaure	Physics Department, University of Pune, Pune – 411 007
18.	Dr. Mrs. D. C. Gharapure	Department of Electronics Science, University of Pune, Pune – 411 007
19.	Mr. S. Dodmise	Core Technology, Sykes Extension, Kolhapur
20.	Prof. Prafulla Wadaskar	Project Manager, Marvel Electronics, Yerwada, Pune
21.	Prof. Y. V. Chavan	Vice Principal, Rajashree Shahu College of Engineering, Tatawada, Pune
22.	Prof. Ghaisas	Department of Electronics, University of Pune, Pune – 411 007

Special lectures are organized for NET / SET guidance to students. (4 year):

Sr. No.	Name of Expert	Working place
	Dr. D. S. Jog	Savitribai Phule Pune University, Pune
	Dr. N. M. Kulkarni	Savitribai Phule Pune University, Pune
	Dr. Y. D. Kolekar	Savitribai Phule Pune University, Pune
	Dr. K. Y. Rajpure	Shivaji University, Kolhapur

45. List the teaching methods adopted by the faculty for different programmes. - Use of LCD, Black boards, block models, charts, virtual class room, ICT Media, Glass Board, Animation, Audio – Video teaching aids, etc.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
Through Exams, Seminars, Unit Tests, Orals, Placements, etc.

47. Highlight the participation of students and faculty in extension activities :

Students' Participation:

- Participation in Celebrations of National Science Day, Teachers' Day.
- Participation in various seminars and workshops.
- Students participate in blood donation camp, plantation in premises and beatification and maintenance of garden.
- Some of the students are a part of Earn and Learn Scheme of the university.
- Students participate in Youth Festival, N.S.S.

Faculty Participation:

1) Prof. L.P.Deshmukh

- i) Standing Committee.
- ii) B. C. Cell.
- iii) M. Phil / Ph. D Rules framing committee.
- iv) Jana Vikas,
- v) Affiliation Committee (Chairman).
- vi) RRC, (2010-2015) University of Mumbai.
- vii) RRC, (2012-2017) SRTMU, Nanded.
- viii) UTR, BOS (Physics & Electronics), BCUD
- ix) BOS (2005-2010) & BUTR (2010-15), Department of Physics, University of Mumbai, Mumbai.
- x) BOS (1998-2002) Physics & BUTR (2002-2005) Electronics, SRTMU, Nanded. BOS Physics (2011-2016)
- xi) BOS (2010-2015) Electronics, Pune University, Pune.
- xii) BOS, RRC and Faculty member Solapur University, Solapur.
- xiii) LIC'S (Chairman).
- xiv) Acted as expert (from MC member) for the selection of Dy. Registrar, Controller of Exam. and F.& A. Officer. Solapur University, Solapur.

- xv) BOS, (2007-2008) Chairman, Solapur University, Solapur.
- xvi) Prof. L.P. Deshmukh- Convener, Recent Trends & Technology of Nano- Materials & Smart Devices (RTT-NSP-2013).
- xvii) Executive Member – Indian Carbon Society (ICS-2011).
- xviii) Fellow, Society of Electrochemical Science & Technology (FSAEST- 1992).
- xix) Fellow, Semiconductor Society of India (FSSI- 1983).
- xx) Life Member – Ind. Carbon Soc. (ICS- 2011).
- xxi) Member, Society for Promotion of Excellence in Electronics Discipline (SPEED -2011).
- xxii) Member, Institute of Electronics & Telecom. Engin. (MIETE-1992).
- xxiii) Member, Materials Research Society of India (MRSI-2008).
- xxiv) Member, Indian Physics Association (IPA- 1984).
- xxv) Member, the Research Board of Advisors, (USA-2002).

2) Prof. S.S.Suryavanshi

- i) Convener Hand's On Experience on the MicroControllers(2011-12)
- ii) Convener MATLAB and Simulink, 2013 (Solapur University, Solapur)
- iii) Members of Senate, Management Council, Standing Committee, Solapur University, Aug. 2010 – 2015.
- iv) Life member of Materials Research Society of India.
- v) Life member of Semiconductor Society of India.
- vi) Life member of Magnetic Society of India.
- vii) Member of Board of studies of Electronics Faculty, 32(5) of Dr.Babasaheb Ambedkar Marathwada University, Aurangabad (2005-2010).
- viii) Member of Board of Studies of Electronics at Solapur University, (2005-2008).
- ix) Member of Board of Studies of Electronics at Goa University, Goa (2012-2015).
- x) Acted as in charge Head, Department of Electronics.
- xi) Acted as in charge Head, Department of Materials Science.
- x) Reviewer of various International journals (SNB, JALCOM, ML)

3) Dr. B.J.Lokhande

- i) Reviewer of JALCOM, Sensor and Actuator Chemical B, American Chemical Society, Nano science and NanoEngineering
- ii) Secretary, BARTI, Solapur University, Solapur.

Resource person- Indian Social Science Congress held at Aligarh Muslim University, Aligarh on 27-31, Dec. 2013 on the topic “Supercapacitor as a Power Device”.

Resource person- National Conference held at Rajshree Chatrapati Shahu College, Kolhapur on Recent Trends and Issues In Renewable Energy 27 – 28 January 2014, on the topic “Spray Pyrolysed Cobalt oxide electrode for Supercapacitor”.

Head, Department of Materials Science, Solapur University (Since 2010)



4) Dr. V.B.Patil

- i) I/c. Head, Department of Electronics (C.S), Solapur University(Since 2012)
- ii) Member, Board of College & University Development, Solapur University, Solapur (2012 to Nov.2014) .
- iii) Member, Semiconductor Society of India, New Delhi.
- iv) Active member of the society for Advancement of Electrochemical Science and Technology, Karaikudi (T.N).
- v) Member of American Association for the Advancement of Science.
- vi) Program officer NSS , Solapur University, Solapur
- vii) University coordinator, Aviskar Festival 2015.
- viii) Reviewer of various International journals (SNB, JALCOM, ML, Synt Metal)

48. Give details of “beyond syllabus scholarly activities” of the department.

For overall development of the students, the department always conducts the lectures on future opportunities & electrical and chemical safety. Also guidance for NET/SET , and Civil services are organized by inviting resource persons from renowned institutes.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NO

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:

- Department has a background of Physics(Applied Electronics) and Materials Science
- With a background (1) above, we have initiated Electronics (C.S) as the highly specialized course.
- Faculties are actively involved in the basic/applied research in sensors, detectors, energy conversion etc.
- New literature/ knowledge are developed through these practical experiences.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength

1. All the permanent faculties are actively engaged in research areas: photovoltaics, nanomaterials, semiconducting materials, metal oxide gas sensors, ferrites, supercapacitors, etc. The average **citation index** of their publications is **588**.
An average **h index** is **14**.
2. Because of the staff proven capability, they have been selected for research project funding to a sum of rupees 78,33,600/-
3. Electronics (C.S) is communication oriented and highly specialized programme that provides an excellent opportunity for the students to seek the jobs in communication sector.

4. Electronics (C.S) course content is one of the only few in India and structured as specialized one.
5. This school has developed **gas sensing module** that operates between room temperature and 500 °C. Further the department has to its credit the development of **solar cell** with an efficiency of **7.3 %**.

Weaknesses

1. The research facilities have to be augmented at par with the global scenario.
2. Vacant posts are to be filled.

Opportunities

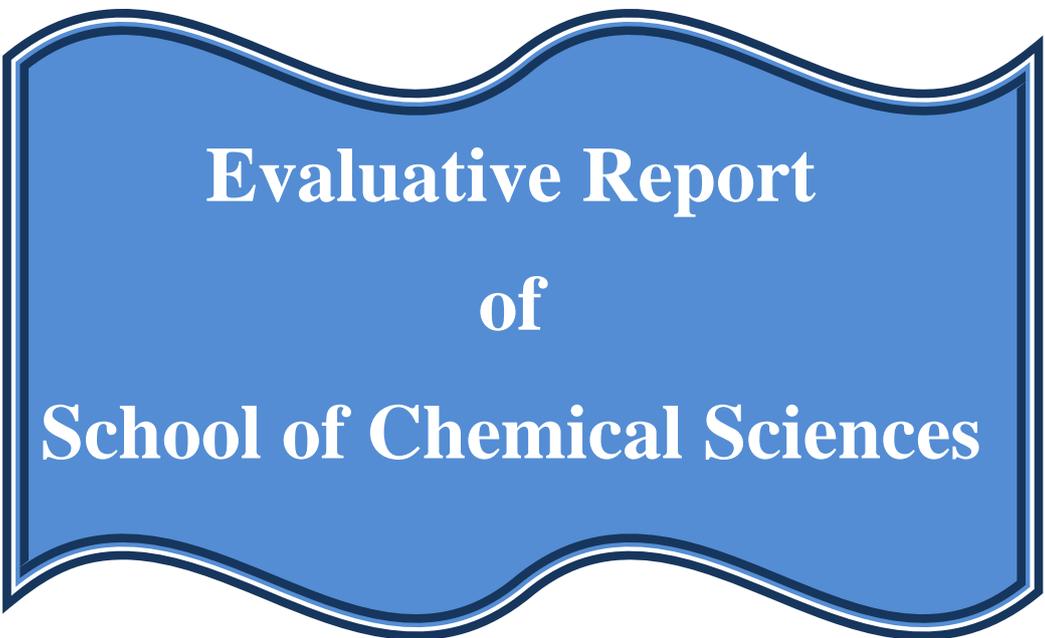
1. The school can make an academic excellence, with help from staff, students and providing budgetary provision.
2. Wide scope for developing new applications of electronic devices/gadgets for development of communication systems.

Challenges:

- i) Enhancing academic standard to excellence to meet national and international demands.
- ii) Up gradation of sophisticated instruments for quality and excellence.

52. Future plans of the department:

1. Horizontal and vertical expansion of the departments in the school.
2. Video conferencing and virtual class room systems; to be installed.
3. Participate in the programs such as SAP/DRS/FIST,COSIST, etc



**Evaluative Report
of
School of Chemical Sciences**

Evaluative Report of School of Chemical Sciences

1. **Name of the Department :** School of Chemical Sciences

2. **Year of establishment:**

M. Sc. Polymer Chemistry	1984
M. Sc. Industrial Chemistry	1997
M. Sc. Organic Chemistry	2006

3. **Is the Department part of a School/Faculty of the university?**

Yes, School is a part of faculty of Science.

4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc. D.Litt., etc.)**

Name of the program	Specialization
M. Sc.	<ul style="list-style-type: none">• Polymer Chemistry• Industrial Chemistry• Organic Chemistry
M. Phil.	<ul style="list-style-type: none">• Polymer Chemistry• Industrial Chemistry• Organic Chemistry• Inorganic Chemistry• Analytical Chemistry• Physical Chemistry
Ph. D.	<ul style="list-style-type: none">• Chemistry

5. **Interdisciplinary programmes and departments involved:** Nil

6. **Courses in collaboration with other institutions which are not on formal basis.**

Students are sent regularly to various CSIR, DST Govt. and Semi Govt. organization and different chemical industries for project works.

7. **Details of programmes discontinued, if any, with reasons :** Nil

8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System:**

- Semester Pattern with Credit System - Cumulative Grade Point Average (CGPA) with Continues Internal Evaluation for P G courses.
- Annual Pattern - M. Phil. and Ph. D. courses

9. **Participation of the department in the courses offered by other departments:**

Common papers are offered across departments of Polymer/Industrial/Organic Chemistry within the School. Therefore all the faculty members are involved in teaching to students of different discipline. Few faculties are involved in teaching some papers of Materials Science in the School of Physical Sciences.



10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	00	00
Associate Professors	02	01	01
Asst. Professors	04	03	03
Others*	05	05	05

*In view of the increase in work load additional staffs on contractual basis have been appointed. These post are sanctioned under Solapur University funds.

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M. Phil. students guided for the last 4 years	
					Registered	Awarded
Dr. N. N. Maldar	M.Sc., Ph.D., Post Doctoral Studies (Japan, United States)	Professor & Vice-Chancellor	Polymer Chemistry	24	07	09
Dr. R. B. Bhosale	M.Sc., Ph.D.	Associate Professor & I/C Director	Organic Chemistry	24	07	02
Dr. A. A. Ghanwat	M.Sc., M.Phil., Ph.D.	Assistant Professor	Polymer Chemistry	16	06	--
Mr. S. N. Shringare	M.Sc., SET	Assistant Professor	Industrial Chemistry	07	---	--
Mr. V. D. Kadu	M.Sc., NET	Assistant Professor	Organic Chemistry	04	---	--
Dr. B. P. Bandgar	M. Sc. Ph.D.	Vice-Chancellor Retired on 25-11-2012	Organic Chemistry	33	07	02
Dr. S. V. Lonikar	M.Sc., Ph.D.,(Japan) Post Doctoral Studies (United States)	Professor Retired on 30/6/2014	Polymer Chemistry	24	02	01
Dr. P. G. More	M.Sc., Ph.D., Post Doctoral Studies (Russia)	Professor Retired on 30/6/2014	Inorganic Chemistry	21	02	01

12. List of senior visiting fellows, adjunct faculty, emeritus professors:
Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received:

Earlier 02 Projects were funded by UGC in 2004 and 01 Project by ISRO in 2006 with grants of Rs. 18,00,000/-. The School of Chemical Sciences has submitted major research projects to UGC, New Delhi in order to get funding under UGC-SAP scheme (Cost of the proposed project Rs.50 lakhs (DSR-I)

20. Research facility / centre with

State recognition: yes	State and National Funding agencies have funded for research project of thrust area.
National recognition: yes	
International recognition:	----

21. Special research laboratories sponsored by / created by industry or corporate bodies: Nil

22. Publications:

- Number of papers published in peer reviewed journals (national / international)
- More than 200 research papers have been so far published in peer reviewed national and international journals
- Monographs: Nil
- Chapters in Books: Nil
- Edited Books: Nil
- Books with ISBN with details of publishers : 01
 Title: Comprehensive Industrial Chemistry
 Status: Reference book useful for M.Sc. (Chemistry) students of Indian Universities and also for preparation of NET/SET and competitive Examinations.
 Author: Prof. Prakash Govindrao More
 Publisher: Pragati Prakashan, Meerut – Uttar Pradesh (India)
 ISBN: 978-93-5006-166-4
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

Sr. No.	Name of Teacher	Citations	h-index	i10-index	Impact Factor range
1	Dr. N. N. Maldar	679	13	13	1.1 to 5.0
2	Dr. P. G. More	300	06	05	1.0 to 3.0
3	Dr. S. V. Lonikar	160	08	03	1.0 to 3.0
4	Dr. R. B. Bhosale	119	06	05	0.2 to 2.95
5	Dr. A. A. Ghanwat	59	05	03	0.8 to 3.5
6	Mr. S. N. Shringare	36	04	01	1.61-3.20

23. Details of patents and income generated:

National Patents obtained by School of Chemical Sciences: 06

International Patents obtained by School of Chemical Sciences: 04

List of the Patents:

Prof. N. N. Maldar:

1. N. D. Ghatge and N. N. Maldar, Indian Patent. Feb. 1, 1992; An improved process for the preparation of substituted diamines.
2. Y. Imai, N. N. Maldar and M. Kakimoto, Jap. Patent. Jap. Kokai Tokkyo Koho JP 85, 226, 529 appl. 84/83 Apr. 25, 1984 5pp. Polyamides.
3. Y. Imai, N. N. Maldar and M. Kakimoto, JP 83 156, 352 Aug. 29, 1983. Polyimide resins and their preparative methods.
4. Y. Imai, N. N. Maldar and M. Kakimoto, JP Feb. 28, 1984. Polyazomethines soluble polymers and their preparations.
- 5.* N. N. Maldar, M. Medhi, S. Packirisamy; "Aromatic bisether diamines having pendant diphenyl oxide and a process for preparing the same". (March, 11, 2010)
- 6.* N. N. Maldar, M. Medhi, S. Packirisamy; "Aromatic diamines with pendant styryl phosphine oxide group and a method of producing the same". (May 2010)
- 7.* N. N. Maldar, M. Medhi, S. Packirisamy; "Aromatic tetra-ether diamines having pendant aryl phosphine oxide and a process of preparing the same".
* Filed through IPR Monitoring and Co-ordination Team (IPRMCT) VSSC, Trivandrum based on the work done for ISRO / Research Project-RESPOND.
8. B.P.Bandgar and Salman, "Process for preparation of gemcitabine hydrochloride." Application no. 2954/MUM/2010.
9. B.P.Bandgar and Salman, "The process for the preparation of pamidronic acid and its pharmaceutically acceptable salts." Application no. 2955/MUM/2010.
10. B.P.Bandgar and Salman, "A process for the preparation of clonidine." Application no. 2956/MUM/2010.

24. Areas of consultancy and income generated:

The School of Chemical Sciences provide analytical services and consultancy to the Institutes / chemical industries, without charging any fees.

Income generated: Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

The following members of the teaching faculty have visited institutions abroad under Doctoral and Post-Doctoral Research programmes

- Prof N. N. Maldar; Visited Tokyo Institute of Technology, Ookayama, Tokyo –152, Japan, during April 1982- March 1984; Southern Methodist University, Dallas, USA during Oct. 1984-Sept. 1985, University of Arizona, Tucson; USA during Oct. 1985- July 1987 and Hanyang University, Seoul, Republic of Korea, during March, 2009 to June, 2009. (Visiting Professor).



- Prof. S. V. Lonikar: Kyoto University, Japan (1982-1985). State University of New York, College of E. S. F., Syracuse, N. Y. USA, during September 1985 to August 1986, North Carolina State University, Raleigh, NC, USA, during September 1986 to July 1989.
- Prof. P. G. More: Moscow State University, Moscow (Russia) during 1987-1989.

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (please specify)

a) And b) :

The faculty members have actively involved in organizing committees of National and International Conferences / Seminars sponsored by Government funding agencies as follows:

- 1) International Conference in Chemical & Biological Sciences (ISCBC2012), Solapur University – Solapur, 21st Jan. to 24th Jan. 2012.
- 2) International Conference on Emerging Trends in Chemical Sciences (ETCS-2012), Solapur University – Solapur, 2nd Nov. to 4th Nov. 2012.
- 3) UGC sponsored National Conference on Frontiers in Chemical Sciences, FCS–2014, Solapur University- Solapur, 30th June 2014.

C) Editorial Boards

Sr. No.	Name of Faculty	Position
1	Prof. S.V.Lonikar	Chairman, Editorial Board of Avishkar Journal, Solapur University, Solapur.
2	Dr. A. A. Ghanwat	Research Journal of Chemistry and Environment

d) Faculty members on the panel of referee's of journal: The faculty members are also working as the external referees for the evaluation of research papers of reputed scientific journals.

Sr. No.	Name of Faculty	Name of Journal
1	Prof. N. N. Maldar	Journal of Applied Polymer Science. John Wiley & Sons, USA; E Polymers. Journal of Polymer Materials: An International Journal; Polymer International Wiley; Thermochemica Acta. Elsevier; Indian Journal of Eng. and Material Sci.; J. of Thermal Analysis and Calorimetry. Springer; European Polymer Journal. Elsevier; Editorial Board of J. of Shivaji Univ. (Science and Technology), Vol. 37, 38, 39, and 40.
2	Prof. S. V. Lonikar	Journal of Applied Polymer Science, Wile, USA
3	Prof. P. G. More	Journal of Indian Chemical Society

- Faculties are also invited as resource persons for Invited Talk / Key Note address at various conferences, workshops at state as well as national level.
- The faculty members are participating in the National and International conferences and also holding the positions as Chairman's of the sessions.
- Faculties are also invited as external examiner / referee to evaluate Ph.D. Thesis; of various Indian Universities.

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

To update knowledge in the area of interest in the subject, the faculty members are encouraged to participate in the refresher courses, orientation courses, training programmes conducted by various universities / institutes in India.

Faculty members were invited as a resource persons in the faculty recharging strategies as mentioned below

UGC ASC Refresher Courses / Orientation Courses.

DST sponsored Winter School.

Sr. No.	Faculty	RC / OC	Organization	Dates
1	Dr. A. A. Ghanwat	Orientation Programme	UGC Staff College, University of Pune, Pune.	22-1-03 to 18-2-03
		Short training programme	STP of AICTE & ISTE at Amrita Institute of Technology, Coimbatore.	3-6-04 to 7-6-04
		Refresher Course	UGC Refresher course in Chemistry at Shivaji University, Kolhapur	15-10-04 to 5-11-04
2	Mr. S. N. Shringare	Orientation Programme	UGC Staff College, Dr. B.A.M. University, Aurangabad	2-06-2014 to 28-06-2014

28. Student projects:

- a Percentage of students who have done in-house projects including inter-departmental projects
M.Sc. Polymer Chemistry students: 100%
M.Sc. Organic Chemistry students: 50%
M.Sc. Industrial Chemistry students: 20%
- b Percentage of students doing projects in collaboration with other universities / industry / institute.
M.Sc. Industrial Chemistry students: 80%
M.Sc. Organic Chemistry students: 50%

29. Awards / recognitions received at the national and international level by Faculty:

Sr. No.	Name of Faculty	Award / Recognition
1	Prof. N. N. Maldar	<ul style="list-style-type: none">• “Bharat Jyoti Award”, New Delhi; Certificate of Excellence for Meritorious Services, Outstanding Performance, Achievements, Contributions and Remarkable Role, March 2012.• Lokmat National Education Leadership Award; for outstanding contribution to Education-13th Feb. 2014.
2	Prof. P. G. More	Best Teacher Award offered by the Government of Maharashtra : Academic Year 2009-2010
3	Dr. R. B. Bhosale	1 st Prize for best paper, NCPACAM – 2013 at C.B.Khedgi’s College, Akkalkot.
4	Dr. A. A. Ghanwat	1 st Prize for best Oral presentation in National conference at YC Institute of Science, Satara, Oct. 14-15, 2010.

c Doctoral / post doctoral fellows: 04

Sr. No.	Name of Doctoral Fellow	Award/Recognition
1	Shri. M. M. Shaikh	3 rd Prize for best paper, ISCBC – Jan. 2012 at Solapur University, Solapur
2	Dr. S. Y. Jadhav	3 rd Prize for best paper, ETCS- Nov. 2012 at Solapur University, Solapur
3	Dr. S. P. Shirame	1 st Prize for best paper, NCPACAM – 2013 at C.B.Khedgi’s College, Akkalkot.
4	Shri. S. D. Deokar	1 st Prize for best paper,
5	Shri. R. M. Patil	1 st Prize for best Oral presentation in National conference at DBF Dayanand College of Arts and Science, Solapur – 2014

d Students:

Sr. No.	Name of Student	Award/Recognition
1	Shri. Prakash Kantikar	1 st Prize in Avishkar, University level Research Festival - 2014.
2	Shri. Nitesh Tandale	1 st Prize in Avishkar, University level Research Festival - 2014.
2	Shri. Nyamane	1 st Prize in Avishkar, University level Research Festival-2014.
3	Shri. Rahul Mote	1 st Prize in Avishkar, University level Research Festival -2014.

29. Seminars/ Conferences/Workshops organized and the source of funding (national / International) with details of outstanding participants, if any.

The School of Chemical Science has organized two International, one National conferences and one workshop as follows

Sr. N.	Seminar/Conference/workshop	Sponsoring agencies	No. of participants	Outstanding participants	Duration
1	International conference on expanding horizons in chemical and biological sciences: innovations crossroads ISCBC - 2012	<ul style="list-style-type: none"> i. Indian Society of Chemists and Biologists, Lucknow, Uttar Pradesh (India) ii. Council for Scientific and Industrial Research (CSIR), New Delhi. iii. Board of Research Nuclear Sciences (BRNS) iv. Departmental of Science and Technology (DST), New Delhi. v. Department of Research and Defence Organization, New Delhi. vi. Indian Council of Medical Research, Division of Administration-II, V. Ramalingaswami Bhavan Ansari Nagar, New Delhi. vii. Solapur University, Solapur 	304	<ul style="list-style-type: none"> i) Prof. J.Chattopadhyaya, University of Uppsala, Sweden. ii) Prof. Sergey F.Vasilevskiy, Russia. iii) Prof. Michael D.Threadgill, Cambridge. iv) Prof. Vadim T. Ivanov, Russia v) Prof. Peter A. Beal, California, Davis vi) Prof. Sheila S. David, USA vii) Dr. Rachna Sadana, USA viii) S. G. Kupal, Italy ix) Ponnaboina Thirupathi, South Korea x) Amol Patne, Italy 	21-24 Jan. 2012
2	International conference on emerging trends in chemical sciences ETCS - 2012	Solapur University, Solapur	387	<ul style="list-style-type: none"> i) Prof.M.M. Salunkhe ii) Carlos Hector MIRO SABATE, France. iii) Prof. Janine Cossy, Paris iv) Prof. Panayiotis A. Koutentis, London. 	02-04 Nov. 2012
3	Workshop on microscale techniques for organic mixture separation and identification	Solapur University, Solapur	60	Prof. Mrs. R .S. Salunke	27-28 Sept. 2013
4	National Conference on Frontiers in Chemical Sciences (FCS-2014)	<ul style="list-style-type: none"> i. University Grants Commissions, New Delhi. ii. Solapur University, Solapur 	115	<ul style="list-style-type: none"> i)Dr.C.R. Rajan, NCL, Pune. iii) Prof. Varadarajulu, Hyderabad ii) Dr.P.P. Wadgaonkar, NCL, Pune. 	30 th June 2014



30. Code of ethics for research followed by the departments:

Solapur University has its ethical policies and code of conduct for research as per UGC guidelines and the same are followed by the School of Chemical Sciences.

31. Student profile programme-wise: (* Common Entrance Test is conducted)

(Academic year 2010-2011)

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass % of selected students at M.Sc.	
		Male	Female	Male	Female
M.Sc. Polymer Chemistry	410*	29	08	76	85
M.Sc. Industrial Chemistry		33	04	75	82
M.Sc. Organic Chemistry		79	36	76	80

(Academic year 2011-2012)

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass % at M.Sc. selected students	
		Male	Female	Male	Female
M.Sc. Polymer Chemistry	279*	34	11	77	85
M.Sc. Industrial Chemistry		29	05	76	88
M.Sc. Organic Chemistry		74	34	79	90

(Academic year 2012-2013)

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass % at M.Sc. selected students	
		Male	Female	Male	Female
M.Sc. Polymer Chemistry	439*	20	15	80	90
M.Sc. Industrial Chemistry		25	07	80	90
M.Sc. Organic Chemistry		72	39	80	90

(Academic year 2013-2014)

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass % at M.Sc. selected students	
		Male	Female	Male	Female
M.Sc. Polymer Chemistry	481*	26	15	78	91
M.Sc. Industrial Chemistry		30	08	80	88
M.Sc. Organic Chemistry		51	31	81	90

(Academic year 2014-2015)

Name of the Programme (refer to question no.4)	Applications received	Selected		Pass % at M.Sc. selected students	
		Male	Female	Male	Female
M.Sc. Polymer Chemistry	500*	25	12	--	--
M.Sc. Industrial Chemistry		26	11	--	--
M.Sc. Organic Chemistry		29	27	--	--

32. Diversity of students:

Name of the Programme (refer to question 4 Programme)	% of Students From the same university	% of Students From other universities With in the State	% of Students From universities Outside the State	% of Students From Other Countries
M.Sc. Polymer Chemistry	90%	10%	---	---
M.Sc. Industrial Chemistry	90%	10%	---	---
M.Sc. Organic Chemistry	90%	10%	---	---
M.Phil. in Chemistry	90%	10%	---	---
Ph.D. in Chemistry	90%	10%	---	---

33. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

Academic Year	SET	NET-JRF, LS	GATE	Others
2010-11	02	03	---	03
2011-12	02	08	02	---
2012-13	02	04	02	---
2013-14	--	06	---	---

34. Student progression (2010-2014):

Student progression	Percentage against enrolled
UG to PG	28 to 40%
PG to M.Phil.	5 to 10%
PG to Ph.D.	5 to 10%
Ph.D. to Post-Doctoral	---
Employed	
• Campus selection	10%
• Other than campus recruitment	90%
Entrepreneurs	Nil

36. Diversity of staff:

Percentage of faculty who are graduates	
of the same university	---
from other universities within the State	100%
from universities from other States from	---
universities outside the country	---

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: 01

(Dr. A. A. Ghanwat, 2005 M.Phil. and 2009 Ph.D.)

38. Present details of departmental infrastructural facilities with regard to

a) **Library:** School of Chemical Sciences has its own Departmental library provided with: No. of Research journals = 167, No. of reference books=76, No. of science magazines = Nil.

b) **Internet facilities for staff and students:** The School of Chemical Sciences has provided internet facilities to the faculty members. A separate Computer laboratory (provided with internet facilities) consisting 24 computers is available, especially for the use of the students.

c) Major sophisticated instruments: The School has sophisticated equipments like UV-visible spectrophotometer, Infrared spectrophotometer, TGA – DSC unit, Glove Box, Brook Field Viscometer, Vapour pressure osmometer etc. for academic and research activities of the faculty and students.

d) Total number of class rooms: 04

e) Class rooms with ICT facility: 01

f) Students' laboratories: 07

g) Research laboratories: 05

h) Conference Hall: 01

i) Seminar Hall: 01

39. List of doctoral, post-doctoral students and research associates:

a) From the host institution/university: The following doctoral students of the School of Chemical Sciences have been awarded Ph. D. Degree in Chemistry.

Sr. No.	Name of the Student	Year of award	Sr. No.	Name of the Student	Year of award
1	Mr. R. S. Rampure	1991	18	Mr. A. A. Ghanwat	2009
2	Mr. A. H. Manikshete	1992	19	Mr. A. M. Nalawade	2009
3	Mr. R. M. Hiraje	1992	20	Mr. M. M. Sayyed	2010
4	Mr. T. N. Pawar	1996	21	Mr. A. S. Patil	2010
5	Mr. S. K. Chavan	1996	22	Mr. V. B. Patil	2010
6	Mr. B. J. Desai	1997	23	Mr. P. V. Jagdale	2010
7	Mr. P. H. Basutkar	1998	24	Mr. M. Medhi	2010
8	Mr. M. D. Joshi	1998	25	Mr. H. V. Chavan	2012
9	Mr. V. P. Ubale	1999	26	Mr. L. K. Adsul	2012
10	Mr. V. A. E. Shaikh	1999	27	Mrs. J. S. Shukla	2013
11	Mr. R. B. Bhalwankar	2002	28	Mrs. S. D. Thripathi	2013
12	Mr. P. S. Kulkarni	2004	29	Mr. Sudhakar More	2013
13	Mr. J. S. Tulba	2005	30	Mr. S. Y. Jadhav	2014
14	Mr. B. N. Muthal	2005	31	Mr. N.V.Baykod	2014
15	Mr. N. S. Gramopadhye	2008	32	Mr. S. D. Deokar	2014
16	Smt. A. S. Lawand	2008	33	Mr. S. P. Shirame	2014
17	Mr. N. S. Dalave	2008	34	Mr. N. N. Karale	2014

- b) At present 26 students are registered for Ph. D. (Chemistry) in the research areas like polymer synthesis and characterization, inorganic synthesis, organic synthesis.

Under the guidance of :

Prof. N. N. Maldar

Prof. B.P.Bandgar

Sr. No.	Name of the Student	Year of Registration	Sr. No.	Name of the Student	Year of Registration
1	Mr. R.G.Bhorkade	2009	1	Mr.N.V.Dhakane	2008
2	Mr. B.S.Kalshetti	2010	2	Mr.S.N.Shringare	2009
3	Mr.K.S.Patil	2010	3	Mr.Y.B.Mule	2011
4	Mrs.A.D.Diwate	2010	4	Mr. P. B. Bhale	2011
5	Mr. S.D.Ghodake	2012	5	Mr. S.B.Dongare	2011
6	Mr. M.S. Tamboli	2012			
7	Mr. A.B.Tamboli	2014			

Dr. R. B. Bhosale

Dr.A.A.Ghanwat

Sr. No.	Name of the Student	Year of Registration	Sr. No.	Name of the Student	Year of Registration
1	Mr.M.G.Hublikar	2010	1	Mr. R.M.Patil	2012
2	Mr.V.D.Sonawane	2010	2	Mr.S.S.Ankushrao	2012
3	Mrs.R.G.Gawali	2011	3	Mr. V.N.Kadam	2012
4	Mr.D.G.Raut	2012	4	Mr.V. M. Gugwad	2014
5	Mr.R.N. Bansode	2012	5	Mr. Y.S.Patil	2014
6	Mr. S. I. Hiremath	2014	6	Mr.J.N.Mahindrakar	2014
7	Mr. V.D.Kadu	2014			
8	Ms. N.A.Peerzade	2014			

- c) At present 04 students are registered for M. Phil. (Chemistry).
Under the guidance of :

Dr. R. B. Bhosale

Dr.A.A.Ghanwat

Sr. No.	Name of the Student	Year of Registration	Sr. No.	Name of the Student	Year of Registration
1	Mrs. V.S.Kopkar	2014	1	Mr. B.B.Dongare	2014
2	Mr. A.A.Deshmane	2014	2	Mr.B.B.Kashid	2014



d) From other institutions/universities:

1. Mr.N.V.Dhakane
2. Shri. R. N. Bansode
3. Shri. V. D. Sonawane

40. Number of post graduate students getting financial assistance from the university.

- SC, ST, NT, OBC Scholarships from Government of Maharashtra through Solapur University, Solapur.
- Free ships from Government of Maharashtra.
- Eklavya Scholarship from Government of Maharashtra.
- Financial support through Earn and Learn Scheme: The economically backward Students are enrolled under the earn and learn.
- Work on Demand scheme: M. Sc. students are supported financially by assigning some work in the office and campus and given fixed charges per hour.
- The meritorious students gets the scholarships from large number of the non-government organization.

In addition to the financial support to the master students, the doctoral students get ample financial support as fellowships from the various national funding agencies.

Sr. No.	Name of the Fellowship	2010-11	2011-12	2012-13	2013-14	2014-15
1	CSIR / UGC - JRF	01	--	01	01	02
2	DRF, Solapur University	--	--	--	01	01

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Not Applicable

42. Does the department obtain feedback from:

a) **Faculty on curriculum as well as teaching-learning-evaluation? If Yes, how does the department utilize the feedback?**

Yes. The entire faculty has freedom to give their feedback on curriculum as well as teaching, learning evaluation. All the raised issues are discussed in general Department / School meeting of faculty and implemented the same, through B.O.S.; after every 3 year syllabus revision procedure.

b) **Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?**

All the students of the School submit their feedback centrally to the Director of the School. This feedback is evaluated by the Director of the School. Director discusses the feedback with all the faculty members. The suggestions made by Director are implemented by respective faculty in the department.



c) **Alumni and employers on the programmes offered and how does the department utilize the feedback?**

The feedback from alumni is taken during the alumni meet organized in the department. The alumni makes comment on the overall development of the department and especially suggest on the modification of curriculum to meet the human resource need of various industries, research institutes and academic colleges / universities.

We invite the employers for campus interviews, for guiding the students at masters course and also as resource persons at conferences in the School. During such occasions, the employers give feedback on the curriculum development as per their need and especially in research and development areas. The employers also encourage the department for academia-industry strong tie up.

43. List the distinguished alumni of the department (maximum 10)

The past students of the School of Chemical Sciences who are working at suitable positions in reputed research institutes (National Chemical Laboratory – Pune, Centre for Electronic Materials Technology – Pune) and in Chemical Industries (research and development, production and quality control divisions) like Indian Petrochemicals Ltd., Reliance industries, Asian paints, General Electricals etc. Few past students of the School are actively engaged in doctoral as well as post-doctoral research programmes in different universities in European Countries. Some names of distinguished the past students are mentioned below:

Dr. Sanjay Charati, Worldwide R&T (Research and Technology), Head for the Engineering Plastics Business of Solvay, Lyon France.

Dr. Sameer Chikali, Scientist, CSIR- National Chemical Laboratory, Pune.

Dr. G. M. Pawar, Post Doctoral USA.

Dr. M. N. Wadekar, Post Doctoral Netharland.

Dr. Nilesh Kuklekar, Scientist, DCM, Pune.

Dr. A. H. Manikshete, Principal, Walchand College of Arts & Science, Solapur.

Dr. P. N. Honkhambe, Sr. Scientist, Resil Chemicals Ltd. Balgalore.

Dr. A. D. Sagar – Director, School of Chemical Sciences, SRTM Univ. Nanded.

Mr. Rahul Nalgune –Manager, Resin units, Kansai Nerolac Paint Limited, Mumbai.

Dr. Milind Kulkarni, Scientist, C-MET, Pune.

Dr. V. P. Ubale, Asso. Prof., DBF Dayanand College of Arts & Science, Solapur.

Dr. M. D. Joshi, Govt Polytechnic, Delhi.

Dr. V. A. E. Shaikh - Associate Prof., MIT, Pune.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Under students enrichment programme, the School of Chemical Sciences organizes special lectures for NET / SET examination, workshop and seminars involving external experts. Prof. P. D. Lokhande, University of Pune, Dr. G. S. Rashinkar, Shivaji University, Kolhapur, Dr. Babu Shingate, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Dr. Santosh Terdale, Department of Chemistry, Savitribai Phule University of Pune, etc. guided the students.

The school organized workshop on Microscale Techniques for organic mixture separation and identification (27-28 Sept. 2013). Experts from the Department of Chemistry, Shivaji University, Kolhapur; Prof. Smt. R. S. Rane – Salunkhe and Mr. Patil were invited as resources persons. Guest lecture for M.Sc. students on chemical safety- Dr. Sharad K. Pasale, Pune.

For giving the exposure to the students at international Level the experts from various countries were invited as stated below.

Sr. No.	Name	Institute
1	Prof. Dominique Hourdet	Paris, France
2	Dr. Guylaine	Paris, France
3	Professor Bluma Guenther Soares	Instituto de Macromoleculas, Universidade Federal do Rio de Janeiro, Rio de Janeiro, Brazil.
4	Professor Leila Visconte	Instituto de Macromoleculas, Universidade Federal do Rio de Janeiro, Rio de Janeiro, Brazil.

45. List the teaching methods adopted by the faculty for different programmes.

The faculty members of the School have adopted the following teaching methods for different programmes

- Conventional teaching (Chalk and Board).
- ICT's, LCD.
- Animations and videos, Special film show.
- Group discussions
- Conducting of seminars of the students.
- Use of teaching aids, viz. Charts, Structure –models etc.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- The School of Chemical Sciences monitors the learning outcomes and ensures that programme objectives are constantly met by:
- Conducting theory unit tests for the students regularly.
- Continues laboratory work assessment is performed time to time.
- Student seminars are organized to check their depth of understanding in particular topics and to improve their communication-presentation skills.
- Feedback from student is received annually.

47. Highlight the participation of students and faculty in extension activities:

Sr. No.	Name of faculty	Administrative work assigned to the faculty by university
1	Dr. R. B. Bhosale	<ul style="list-style-type: none"> i. Director, Dr. Babasaheb Ambedkar UPSC pre examination guidance centre, Solapur university, Solapur. ii. Chairman sub committee, Special cell, SUS. iii. Senate member. iv. Treasurer, I and II International Conferences conducted by School of Chemical Sciences, Solapur University, Solapur. v. Chairman, technical session of UGC sponsored National Conference on 18th and 19th Dec. 2013 at C.B.Khedgis College, Akkalkot. vi. Organizing Secretary UGC sponsored one day National Conference on “Frontiers in Chemical Sciences” (FCS-2014) at School of Chemical Sciences, Solapur University, Solapur, 30th June, 2014. vii. 50 M. Sc. students were guided for Research projects. viii. Worked as Examiner for M.Sc. Theory / Practical Examinations, Gulbarga University, Gulbarga, Dr. B.A.M.U. Sub centre, Osmanabad. ix. Member, purchase committee, Solapur University, Solapur x. Member, selection committee for contract basis teachers, Solapur University, Solapur xi. Chairman, open defense of Ph.D. thesis (3). xii. Member, RR Committee, Solapur University, Solapur. xiii. Evaluate the research paper of a candidate, Karnataka University, Dharwad for financial assistance to participate in the international symposium at Singapore. xiv. Member, Subject Expert Placement committee of non SET/NET candidates. xv. Member, Principal extension committee, Solapur University, Solapur. xvi. I/C. Director, School of Chemical Sciences, Solapur University, Solapur from 1 July 2014.
2	Dr. A. A. Ghanwat	<ul style="list-style-type: none"> i. Co-ordinator Boys’ and Girls’ Hostel Solapur University, Solapur. ii. Co-ordinator Instrumentation Centre, Solapur University, Solapur. iii. Co-Ordinator, National Science Day-2014. iv. Convener, UGC sponsored one day National Conference on “Frontiers in Chemical Sciences” (FCS-2014) at School of Chemical Sciences, Solapur University, Solapur, 30th June, 2014. v. 08 M. Sc. students were guided for Research projects. vi. 04 Students are working for Ph. D. Degree. vii. Member, Local Management Council, Central Railway School, Solapur. viii. Member, UGC XII FYP proposal drafting committee, for submitting to University Grants Commission, New Delhi. ix. Member, Internal Quality Assurance Cell (IQAC’s)

		<p>Quality Advisory Council (QAC) Solapur University.</p> <p>x. Member Secretary, M.A. / M.Com. / M.Sc. / M. C. A. / M.A. Education Admission Committee for Entrance Examination of year 2014 – 2015.</p> <p>xi. Member, Anti Ragging Squads for Hostel, Solapur University, Solapur.</p> <p>xii. Senior Supervisor, M.Sc., M.C.A., M.A. Examinations, Solapur University.</p> <p>xiii. Examiner, M.Sc. (Theory/Practical), Swami Ramanand Teerth Marathwada University, Nanded.</p> <p>xiv. Election Officer, University Student Council and University Post-Graduate Departments Students Council.</p> <p>xv. Member, Conveners Committee and invitation and refreshment committee, 9th Convocation ceremony, Solapur University, Solapur.</p> <p>xvi. Member, Selection Committee to select Students under Earn and Learn Scheme of Solapur University.</p>
3	Mr. S. N. Shringare	Rector, Boys Hostel, Solapur University Solapur.
4	Mr. V. D. Kadu	<p>i. A Member, Local Organizing Committee National Conference organized by the School of Physical Sciences at Solapur University Solapur, (Maharashtra) -INDIA.</p> <p>ii. 13 M.Sc. students were guided for research projects.</p> <p>iii. Member, National Advisory Committee, National conference on: “Recent Trends & Technology of Nano-Materials & Smart Devices (RTT-NSD), 18th-20th April, 2013”, Organized by D.B.F Dayanand College, Solapur, (Maharashtra)-INDIA.</p> <p>iv. Scientific Co-ordinator, UGC sponsored one day National Conference on: “Frontiers in Chemical Sciences”-(FCS-2014) at School of Chemical Sciences, Solapur University Solapur, (Maharashtra) –INDIA, 30th June, 2014”.</p> <p>v. Actively Participated in one day workshop on Micro scale separation technique of organic mixtures at School of Chemical Sciences, Solapur University.</p>

48. Give details of “beyond syllabus scholarly activities” of the department.

For overall development of the students, the department conducted the lectures on future opportunities & chemical safety. School regularly demonstrates how to use fire extinguishers in emergency.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

No

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

New speciality polymeric materials were developed as AO resistant Polyimides for ISRO, which have been patented.

New methodologies are generated for organic compound synthesis.

New separation methods are developed for separation of metals.



51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

- Research publications in journals of high impact factor.
- Patents.
- Sophisticated instruments available for research
- Employability opportunities for Students.
- Organized two international Conferences.
- Strong and distinguished Alumni
- About 25 P.G. students of the School have gone abroad for Ph.D./ PDF programme.
- Invited lectures by Scientists and Academicians from different Countries.

Weaknesses:

- Vacant posts of faculty have to be filled.
- Need additional laboratory space; for enhanced R&D
- Number of books in departmental library; is to be augmented.

Opportunities:

- Research students trained in multidisciplinary areas.
- Development of Entrepreneurships.
- Enhanced percentage towards Higher studies such as Ph. D., Post Doc.
- Can obtain funds for more Research Projects.
- To establish the additional postgraduate courses in basic and applied chemistry.
- Employment in teaching profession.

Challenges:

- Enhance the percentage of passing in CSIR-UGC eligibility tests for lectureship, junior research fellowships, NET, GATE Examination and State and National Administrative Examinations Conducted by Maharashtra Public Service Commission and Union Public Service Commission.
- Generation of Funds from Government Organizations; PPP etc.
- SAP / FIST grants from DST, UGC.
- MOUs with international institutes and universities for improvement in teaching methodologies, research and academic activities.

52. Future plans of the department

A) Infrastructure development:

- Construction of new building including research laboratories, practical labs and classrooms for new postgraduate courses.
- Renovation of existing laboratories.
- Enhancing facility of advanced instruments.
- Strengthening departmental Library.



B) Curriculum development:

Modification of curricula of M.Sc., M. Phil. and Ph. D. course work every three years.

C) Academic flexibility:

As a policy matter; Academic Flexibility is being considered by University.

D) Submission of Research Proposals:

Every teaching faculty is encouraged to submit research proposals to various funding agencies and industries in the thrust areas in applied as well as basic research fields.

E) Conferences and workshops:

- Organisation of conferences on specific themes in the current research areas in support with National and International academic Bodies.
- Organisation of workshops for P.G. students for their overall R&D skill development along with regular study.
- Organisation of workshops for support staff (laboratory technicians, laboratory assistants) regarding laboratory safety techniques.

F) Research Plan of the Department in the following areas:

- Green synthesis
- Nanotechnology
- Catalysis
- Development of new methods in separation.

G) New Courses:

The School of Chemical Sciences has planned to incept the following P.G. courses on grant-in-aid basis in the span of next five years.

- M. Sc. Inorganic Chemistry
- M. Sc. Physical Chemistry
- M. Sc. Analytical Chemistry
- M. Sc. Medicinal Chemistry





**Evaluative Report
of
School of Earth Sciences**

Evaluative Report of School of Earth Sciences

INTRODUCTION:

The School of Earth Sciences was set up at the Solapur University during 2008 to initiate inter-disciplinary teaching and research programs. The hallmark of the school lies in using synergy between Applied Geology, Environmental Science and Geoinformatics to bridge the digital divide and promote knowledge driven and job-led economic development of the country. The school currently executes research in various thrust areas which include water harvesting, mineral exploration, ground water modeling, environmental impact assessment, natural resource management, disaster mitigation, climate change, seismology etc.

- 1. Name of the Department:** School of Earth Sciences (Applied Geology, Environmental Science, Geoinformatics). The School of Earth Sciences was established in the year 2008 and three departments work under the school to impart the programs.

- 2. Year of establishment:**

Department of Applied Geology	1984
Department of Environmental Science	2008
Department of Geoinformatics	2008

- 3. Is the Department part of a School/Faculty of the university?**

Yes.

School is a part of Faculty of Science.

- 4. Names of programs offered (UG, PG, M. Phil, Ph.D., Integrated Masters; Integrated Ph.D., D.Sc. D. Litt, etc.):** Yes

Name of the Program	Subject
M.Sc.	<ul style="list-style-type: none">• Applied Geology• Environmental Sciences• Geoinformatics
M. Phil.	<ul style="list-style-type: none">• Geology
Ph. D.	<ul style="list-style-type: none">• Geology• Environmental Sciences• Geoinformatics

- 5. Interdisciplinary programs and departments involved:** Department has included few interdisciplinary courses such as Environmental Geology, Remote Sensing and Disaster Management, Geoinformatics, Energy Resource, Natural Resource Management, Climate Change and project work related to societal and market needs. The details of interdisciplinary courses and involved departments as below:

Sr. No.	Interdisciplinary Courses	Class Name	Departments involved
1.	Geomorphology	M.Sc –I Sem- I	Applied Geology Environmental Science Geoinformatics
2.	Computer Applications in Earth Sciences	M.Sc - I Sem - I	Environmental Science Geoinformatics
3.	Introduction to Remote Sensing, GIS and GPS	M.Sc –I Sem – II M.Sc.II Sem - IV	Applied Geology Environmental Science Geoinformatics
4.	Dissertation work	M.Sc.II Sem - IV	Applied Geology Environmental Science Geoinformatics

6. Courses in collaboration with other universities, industries, foreign institutions, etc:

Courses in collaboration with other institutions are not on formal basis. However, Students are sent to various scientific, government and semi-government organization for in house/summer/ winter training programs. The major organizations are NGRI, NRSA, IIRS, IISEC, NIO etc. For industrial and field trainings students sent to chemical industries, sugar factories, dairy plant, pharmaceutical industries, sewage treatment plants, common effluent treatment plants, water treatment plants and mining areas to have hand on skill of knowledge.

7. Details of programs discontinued, if any, with reasons:

Nil.

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System:

- Semester Pattern with Credit System - Cumulative Grade Point Average (CGPA) with Continuous Internal Evaluation for P.G. courses.
- Annual pattern - M.Phil. in Geology.
Ph.D. courses in Geology, Environmental Science and Geoinformatics.

9. Participation of the department in the courses offered by other departments:

Departments have interdisciplinary courses as constituent of School of Earth Sciences. Faculties and facilities of Department of Applied Geology are shared with Environmental Science and Geoinformatics. The latter two subjects are non-grant courses initiated under the banner of School of Earth Sciences from 2008. Common theory papers and practical papers are offered across departments within the school. Therefore, all the departments participate in curriculum development.

**10. Number of teaching posts sanctioned, filled and actual
(Professors/Associate Professors/ Asst. Professors/others):**

Teaching posts	Sanctioned	Filled	Actual(including CAS & MPS)
Professor	1	1	1+2=3
Associate Professors	2	2	1
Assistant Professors	4	3	2
*Others	-	3	3

*In view of the increase in workload additional staffs on contractual basis have been appointed.

11. Faculty profile with name, qualification, designation, area of specialization, experience and Research under guidance:

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M. Phil Students guided for the last 4 years	Registered
Prof.P. Prabhakar	M.Sc., Ph.D.	Professor and Director	Environmental Geology, Geochemistry, Mineral exploration	26	Ph.D - 01	M.Phil.- 01 Ph.D. - 05
Prof. R.R.Patil	M.Sc Applied Geology., Ph.D.	Professor	Economic Geology, Mineral Genesis & Oil Exploration	33	M.Phil - 0 Ph.D- 0	Ph.D.- 05
Prof. B.L.Chavan	M.Sc., Ph.D.	Professor	Environmental Pollution & Climate Change	14	M.Phil - 01 Ph.D - 02	Ph.D.- 06
Dr. R.S.Gavali	M.Sc., Ph.D.	Associate professor	Ecology, GIS Applications	10	M.Phil - 0 Ph.D - 01	Ph.D. - 07
Mr. V.P.Dhulap	M.Sc., NET., SET	Assistant Professor	Environmental Science	06	NIL	NIL
Mr. S.P.Baviskar	M.Sc., SET	Assistant Professor	Environmental Science	03	NIL	NIL
Prof.A.B. Narayanpethkar	M.Sc., DIIT., Ph.D	Professor (Retd)	Hydrogeology	34	Ph.D - 03	Ph.D. - 05

12. List of senior visiting fellows, adjunct faculty, and emeritus professors: List of Senior Visiting Fellows, Adjunct Faculty, and Emeritus Professors: Nil

13. Percentage of classes taken by temporary faculty- programme-wise information:

Program	Percentage of classes taken by temporary Faculty
M.Sc. Applied Geology	26.06%
M.Sc. Environmental Science	20.83%
M.Sc. Geoinformatics	35.00%

14. Programme-wise Student Teacher Ratio:

Programme	Student teacher ratio
M.Sc Applied Geology	10:1
M.Sc Environmental Science	8:1
M.Sc Geoinformatics	16:1

15. Number of academic support staff (technical) and administrative staff: Sanctioned, filled and actual.

Sr. No.	Academic support staff	Sanctioned	Filled	Actual
1.	Store keeper	01	00	00
2.	Museum Assistant	01	00	00
3.	Laboratory Assistant	02	02	02
4.	Laboratory Attendant	02	02	02
5.	Section Cutter cum Peon	01	00	00
6.	Clerk	01	01	01
7.	On Contract - Clerk	01	01	01
8.	On Contract - Peon	01	01	01
9.	Total	10	07	07

16. Research thrust areas as recognized by major funding agencies:

- Mineral exploration in hard rock terrain of peninsular India.
- Ground water surveys and modeling in basaltic terrain.
- Remote sensing and GIS in natural resource management, urban planning and disaster studies.
- Environmental impact assessment studies.
- Seismological investigations in Killari – Latur and Koyana –Satara regions of Maharashtra.

17. Number of faculty with projects from a) National B) International funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: Number of faculty with projects details: Nil

18. Inter-institutional collaborative projects and associated grants received a) National collaboration b) International collaboration: No.

However, individual staffs have their research activities carried out jointly by scientist from R & D Laboratories such as National Remote Sensing Laboratory Hyderabad, National Geophysical Research Institute Hyderabad, Indian Institute of Remote Sensing Dehradun, Indian Institute of Technology Bombay, J.N.University, N. Delhi, University of Pune, Dr.B.A.M.University, Osmania University, Gulbarga University etc.

19. Departmental projects funded by DST-FST; UGC-SAP/CAS, DPLE: DBT, ICSSR, AICTE, etc: Nil.

20. Research facility/centre with:

- **State recognition and National recognition:** State and central funding agencies have recognized all the laboratories of the school viz: mineralogical laboratory, petrologic laboratory, remote sensing laboratory etc. Therefore, funding of various projects was received for the thrust areas and mission goals of the institution.
- **International recognition:** Nil

21. Special research laboratories sponsored by/ created by industry or corporate bodies: No

22. Publications:

Sr. No.	Details of Publications	Total
1	Number of papers published in peer reviewed journals(national/international):	68
2	Monographs:	01
3	Chapters in Books:	06
4	Edited Books:	-
5	Books with ISBN with details of publishers:	-
6	Numbers listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database-International Social Sciences Directory, EBSCO host, etc.):	15
7	Index-range/average:	-
8	SNIP:	9.951
9	SJR:	5.752
10	Impact Factor range/average:	1-5
11	<i>h</i> -index range:	0-3

23. Details of patents and income generated: No

24. Areas of consultancy and income generated: Groundwater, Petrological Characterization, Environmental Impact Assessment. The income generated for last five years is given below:

Sr. No.	Year	School of Earth Science
1.	2009-2010	4950/-
2.	2010-2011	-
3.	2011-2012	29000/-
4.	2012-2013	3,23,000/-
5.	2013-2014	10,87,000/-
Total		14,43,950/-

25. Faculty selected nationally/internationally to visit other laboratories/institutions/ Industries in India and Abroad: Nil

26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify):

Prof. P. Prabhakar:

1. Secretary Editorial Board – IGWC 2012.
2. Member Editorial Board –NIGWC 2013
3. Local Advisory Committee – Bharati Vidyapeeth
4. Coordination Committee Utkarsh. 2011 Solapur University Solapur
5. Coordination Committee Avishkar. 2011 Solapur University Solapur
6. Coordination Committee Avahan. 2011 Solapur University Solapur

Prof. R.R. Patil:

1. Coordination Committee Utkarsh. 2011 Solapur University Solapur
2. Coordination Committee Avishkar. 2011 Solapur University Solapur
3. Observer for Avishkar, 2008 R.T.M.University, Nagpur
4. Coordination Committee Avahan. 2011 Solapur University Solapur
5. Member of Editorial Board Indian Stream Research Journal, Solapur (MS) India.
6. Member of Selection Committee Academic Staff Pune University.
7. Member of CAS scrutiny SRTM Nanded.
8. Member, Earth Science Society, Calcutta
9. Member of scrutiny for Professor Chair IIT Powai, Bombay, 2014.
10. Active member, Association of Petroleum Geologists (APG), Dehradun
11. Member of GIS Development
12. Life member of Indian Institute of Mineral Engineers
13. Life Member, South Asian Association of Economic Geologists (SAAEG), N. Delhi.
14. Associate member, Geologists Association, Chandigarh

15. Member of Selection Committee for Lectures in Geology and Non-Teaching Staff Solapur University Solapur.
16. Member of Teachers selection committee. 2011.
17. Member of selection committee for Research assistance and research Associate for project. 2011
18. Member of teacher's scrutiny committee. Solapur University, 2011.
19. Member of scrutiny committee, Solapur University, 2012
20. Member of scrutiny committee for Extension of Retirement Age of Teachers 2012.
21. Member of selection committee for Professor Solapur University. 2012.
22. Member of University News – AIU New Delhi.
23. Member of Senate, Solapur University, 2009-14.
24. Member of Academic Council, Solapur University, Solapur. 2010-2014.
25. Member of Senate Council Solapur University, 2012.
26. Member of Grievance Committee, Solapur University, Solapur.
27. Member of Lapses Committee, Solapur University, 2010, 2011, 2012.
28. Member of BCUD, Solapur University, 2010, 2011, 2012.
29. Member of BOE Committee, Solapur University, 2010, 2011, 2012.
30. Member of Purchase Committee, Solapur University, 2010, 2011, 2012.
31. Member of BUTR Committee, Solapur University, 2010, 2011, 2012.
32. Member of Faculty of Science, Solapur University, 2010, 2011, 2012.

Prof. B. L. Chavan:

1. Life member, Environmental Conservation Journal, Haridwar, U.A. India.
2. Life member, Indian Science Congress, Kolkatta, India.
3. Life member, The Society for Science of Climate Change and Sustainable Environment (SSCE).
4. Life member, Chh. Shahu Social Pratishtan for Environment and Social Development, Kolhapur.
5. Life Member of Deccan Geographical Society, Pune.
6. Life member of Hydrology Association of Maharashtra. Nashik
7. Life member of International Academy of Physical Sciences, Allahabad.

Dr. R. S. Gavali:

1. Life member, Indian Society of Remote Sensing
2. Conservation Alliance, UK
3. Indian Environment Network
4. Indian Environment Association (Pune Chapter)
5. Former Member Board of Studies (BOS), North Maharashtra University, Jalgaon.
6. Kalinga Development Foundation.
7. Senate Member, Solapur University



Mr. V. P. Dhulap :

1. Member of Editorial & Advisory Board Journal of International journal of Advance and Applied Research (IJAAR).
2. Member of Maharashtra State Adult, Continuing Education and Extension Work / Services Association. (MH) India.
3. Local Organizing Committee member for 17th Int. Conf. at School of Chemical Sciences, Solapur University, Solapur. 2012
4. Local Organizing Committee member for Int. Conf. “Emerging Trends in Chemical Sciences (ETCS)” at School of Chemical Sciences, Solapur University, Solapur. 2012
5. Member in the Departmental Research Committee (DRC) for Ph.D and M.Phil at Solapur University Solapur (Dec. 2012).
6. Member of BUTR, Solapur University, Solapur (2011 – 2012).
7. Member for Sub-Committee of Academics, R. T. M. University, Nagpur- 2011-2012
8. Member for Advisory committee – National Conference on “CPGI – Steps to Sustainability” at Chandrapur (MS), India.

Mr. S. P. Baviskar:

1. Co-Organizing Secretary of National Seminar on “Environmental Disaster Management for Sustainable Development” Held on 28th March 2013.
2. member Local Organizing Committee 2013 National level Conference in School of Physical Sciences on “Recent trends in thin films....” Solapur University, Solapur
3. Delivering lecture to the MPSC / UPSC competitive exam coaching centre at School of Social Sciences, Solapur University, Solapur. 2012
4. In Nov. 2012, participated as Local Organizing Committee member for Int. Conf. “Emerging Trends in Chemical Sciences (ETCS)” at School of Chemical Sciences, Solapur University Solapur. Worked in Transportation committee.

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, Workshops, training programs and similar programs.):

Staff are send for various training programs conducted by UGC, ASC, Refresher and Orientation Programs, Workshops, Training Programs and similar programs as opportunities arise. The following staffs have been deputed for various courses as detailed below.

Sr. No	Staff	Course Name & Schedule	Organized Institution
1.	Dr. R.S. Gavali Associate Professor	National Natural Resource Management System 5 th May – 27 th June 2014	IIRS – ISRO (Dehradun)
2.	Mr. V.P. Dhulap Assistant Professor	Orientation Course 03/10/2013 to 30/10/2013	Academic Staff College, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

3.	Mr. S. P. Baviskar Assistant Professor	National Natural Resource Management System 5 th May – 27 th June 2014	IIRS – ISRO (Dehradun)
4.	Prof. B.L. Chavan	Geospecial - Smart city. 19-21 September 2014.	Dr.B.A.M. University, Aurangabad

28. Student projects:

- **Percentage of students who have done in-house project including interdepartmental projects:** 100% students have carried out in house project work on various scientific and societal needs. Research and consultancy documents are drafted and placed at appropriate State and National level policy making bodies.
- **Percentage of students doing projects in collaboration with other universities/Industry / institute:** Approximately 40% students have completed projects in collaboration with CSIR, DST, DOD etc institutions.

29. Awards/recognitions received at the national and international level:

- Faculty
- Doctoral / post doctoral fellows
- Students

Awards and recognitions were conferred on various faculties as given below:

Sr. No	Faculty	Award / Recognition	Sponsoring agency
1.	Prof. P. Prabhakar	Junior Research fellow on the basis of CSIR-NET Examination	CSIR Delhi (1983)
2.	Prof. R. R. Patil	Regional Representative of India IAGOD 1985	
3.	Prof. B. L. Chavan	Rashtriya Gourav Puraskar	IIFS, New Delhi (2012)
4.	Dr. R. S. Gavali	Berkner Award	AGU, U.S.A. (2011)
5.	Mr. V. P. Dhulap	First prize - Oral presentation	“National conference on Recent Trends in Bioresources and Bio-Sciences” Osmanabad. M.H. (2009).
6.	Mrs.V.V.Gavade	First Runner up prize - Oral presentation.	12 th ESRI India user conference (2011).
7.	Mrs.V.V.Gavade	First prize - Oral presentation.	National Conference on Environment and Earth Sciences, N.M. University, Jalgaon (2011)
8.	Mr. K. C. Mujawar	First prize-Poster presentation	Multi-disciplinary Approaches in Applied Geology 2012

30. Seminars/Conferences/ Workshops organized and the source of funding (National/ International) with details of outstanding participants, if any:

Sr. No.	Type of Seminars/ Conferences / Workshops	Title of Seminars/ Conferences / Workshops	Period	Source of Fund	Outstanding Participants
1.	National Seminar	Disaster Management for Sustainable Development	One Day on 28 th March 2013	Solapur University	1.Prof. R.Nijgunappa 2.Prof. M.B.Mule 3. Prof. S.N.Patil 4.Prof. S.Ahmed 5. Prof. D.B.Panaskar 6. Dr.M.J.Thakare 7. Dr. Kavita Raipurkar 8. Mrs. Megha Daga

31. Code of ethics for research followed by the departments: University has its ethical policy and code of conduct as per UGC guidelines and university norms.

32. Student profile program-wise:

M.Sc Course (2009-2014)

Name of the Program (refer to Que. no.4)	Total Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
Applied Geology	74	50	24	44%	20%
Environmental Science	104	76	28	62%	26%
Geoinformatics	108	77	31	65%	29%

Ph.D Course (2009-2014)

Name of the Program (refer to Que. no.4)	Applications received Year	Selected		Pass percentage	
		Male	Female	Male	female
Applied Geology	12	08	04	25%	-
Environmental Science	10	07	03	-	-
Geoinformatics	03	01	02	33%	-

33. Diversity of students (2009-2014)

Name of the Programme (refer to question no.4)	% of students from the same university	%of students from other universities within the State	% of students from universities outside the State	%of students from other countries
M.Sc Applied Geo	83%	15%	02%	-
M.Sc Environment Science	79%	21%	-	-
M.Sc Geoinformatics	91%	09%	-	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

Sr. No	Examinations	Applied Geology	Environmental Science
1.	UPSC Geologist examinations	03	-
2.	MPSC Hydro geologist Examination	20	-
3.	GATE Examinations	02	-
4.	NET Examinations	03 (1 Candidate Ranked 1 st in CSIR-NET Exam (2014))	02
5.	SET Examinations	02	03

35. Student progression: (2009-2014)

Student progression	Percentage against enrolled
UG to PG	80%
PG to M. Phil.	10%
PG to Ph.D.	30%
Ph.D. to Post-Doctoral	-
Employed	-
<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	Through MPSC and UPSC examination – 20%
Entrepreneurs	6%

36. Diversity of staff:

Percentage of faculty who are graduates	
of the same university	Nil
from other universities within the State	84
From universities from other States from	16
Universities outside the country	Nil

37. Number of faculty who were awarded M.Phil, Ph.D., D.Sc. and D.Litt. during the Assessment period:

Nil

38. Present details of departmental infrastructural facilities with regard to

- a. **Library:** The departmental library is available for its students. The books of the library are mostly prescribed / reference books nature and is maintained from 1988 to till date. The books are donated by teachers, researchers and alumni.
- b. **Internet facilities for Staff and Students:** Yes, The internet connection is provided through BSNL broadband. The internet facilities are provided to all the rooms-classes, laboratories, staff cabins etc.
- c. **Total number of class rooms:** The School has six class-cum-laboratories. Three courses are conducted simultaneously. The courses are Applied Geology Part-I and II, Geoinformatics Part I and Part II and Environmental Science Part I and Part II. The time scheduling is so made to suit the availability of classrooms to all courses. Further, the M. Phil classes are conducted during the wee hours – 13.00 hrs to 14: 00 hrs every day.
- d. **Class rooms with ICT facility:** Yes, The School of Earth Sciences has two near ICT facility. The class room is equipped with internet connected to LCD projector and audio-system. This helps in conducting virtual classes' tele-casted through EDU-SAT linking to IIRS, Dehradun. As on this date 70 students have obtained value added course certificate in remote sensing and GIS.
- e. **Students Laboratories:** In all eight laboratories are availed for post graduate students and researchers. The laboratories are 1) Chemical laboratory 2) Computer laboratory 3) Mineralogical and Petrological Laboratory 4) Microscope Laboratory 5) Remote Sensing Laboratory 6) Sophisticated Instruments Laboratory 7) ICT and GIS Laboratory and 8) Workshop
- f. **Research Laboratories:** There are six standard laboratories in common for both M.Sc students and research scholars.

39. List of doctoral, post-doctoral students and Research Associates

a) From the host Institution/University

Sr. No	Name. Address E. Mail and Mobile	Year of Registration	Title of Research
1	Miss .Shinde Poonam Ashok 49, Bhavani Peth, Solapur 08855025994	01/01/2014	Geological and Geochemical studies of the Parts of the track Between Solapur and Akkalkot M.S.India
2	Mr.Vedpathak Mangesh Mohan Chokhamela Chowk, A/P. Mangalwedha, Dist -Solapur	01/01/2014	Study on nutrient recycling with solid waste treatment.
3	Mr.Shankar Sidhanma Shingadgaon c/o. Vilas C.Patil, Patil Galli, PO- Degoan. N.Solapur	01/01/2014	Ecotoxicity studies with reference to heavy metals in phytoremediation
4	Mr.Wasim Ayubv Bagwan Vazirabad peth, near ZP School no.3, Sangola.	01/01/2014	Assessment of soil erosion in the urmodi river wastreshed of satara district (M.S.) India.
5	Mr.Khune Nandkishor Shankarji 396/3, Jodbhavi Peth, Near Cowdeshwari Temple, Solapur	01/01/2013	Study of Total Suspended Particulates in Solapur Municipal Corporation and Surrounding Area.
6	Miss. Patekar Punam Ramkrisna At / Post – Anjangaon (kh) Tal- Madha, Dist – Solapur	01/07/2012	Habitat suitability modeling for the Great Indian Bustard: A Geoinformatics Approach
7	Mr.Shinde Sudarshan	01/07/2012	Nature and origin of Uranium deposits occurring in Bhima basin from Solapur and Gulbarga District
8	Mr.S.M.Patel Dept of Geology, School of Earth Sciences,Solapur University, Solapur 8805512600	16/07/2010	Formiferal studies in sastri river estuary Raigad District Maharashtra.
9	Mr.Deshpande Aniket S. 527, South Kasaba, Moreshwar Apt. Solapur	01/07/2010	Hydrogeochemical and Hydrogeological studies at khadki Nala basin from Magalwedha taluka, Solapur District, Maharashtra.
10	Mr.Abhijeet A. Surve 7 – Meera Park, Behind IMS, Jule Solapur – Solapur	01/07/2010	Significance of Geological studies on impact crater from Lonar, Buldhana Dist.Maharashtra.
11	Mr. Hulsure Vishal Chandrashekar Dept. of Geology, WIT College Solapur	01/01/2009	Neotectonics and Eco-Geo-Environmental studies of savitri river basin, Raigad District, Maharashtra.
12	Mr. Kurri Goverdhan Ramesh C9/6, Akkalkot Road, MIDC, Solapur	01/07/2008	Application of Remote Sensing, GIS and Electrical Resistivity techniques for natural resource management in South Solapur taluka, Dist Solapur
13	Mrs. Patel Gazala Parveen 205 /13, Telangi Pachha peth, Solapur	01/07/2008	Demarcation of liquefaction zone and isosesmal distribution of Koyana and Killari earth quake prone regions and Latur districts of Maharashtra, India
14	Mr.Natkar Parimal Chandakant E-6, Bhagyoday Society, Nai Jindgi road, Solapur	01/07/2006	Applications of electrical resistivity for ground water investigations in the Bedkinala basin Osmanabad and Solapur district, Maharashtra.
15	Miss. M. D. Gajul Suvidhya Nagar, Vijapur Road, Solapur.	01/01/2014	Integrated studies for ground water development in Balitira water shed, Tq. Atpadi, Dist. Sangli, Maharashtra.

List of M.Phil:

Sr. No	Name. Address E. Mail and Mobile	Year of Registration	Title of Research
1	Miss .Machha Pallavi Ashoak Poojita Complex, 34/5 B-5 New Pachha Peth Solapur	29/9/2014	Hydrogeochemistry

b) From other Institutions /Universities

Sr. No	Name. Address E.Mail and Mobile	Year of Registration	Major of Research
1	Mr.Jawahire K.A. 730/2/52 Kasarwadi Road, Sidheshwar Nagar, Barshi Solapur 09960981498	01/01/2014	Geochemical and Geological investigations of Kimberlite pipes of Narayan peth, Mahboob Nagar District, A.P
2	Mr.M.A.Malik Dept of Geology, Azad College Aurangabad	01/07/2014	Geochemical studies related to ore bearing potentials of granites from Dharmabad area in Nanded District, Maharashtra, India.
3	Mr.Shekhar Shankarrao Salunke 29/ A, Narshinha Nagar, Behind D-mart Solapur.	01/01/2014	Defining restoration strategies for major lakes from Solapur city (M.S.) India.
4	Smt. Mode Yogini Chandrakant Shakarbri Apartment, Flat No 4, Sai Ganesh Nagar,Bigwan Road, Baramati, Dist - Pune	01/01/2014	Studies on analyse and its application in treatment of starchy industrial waste
5	Mr.Ghule Yuvraj Ankush At- Vatpadi, Post – Kanbavi, Tal – Malshiras, Dist - Solapur	01/01/2014	Bioaccumulation and translocation of heavy metals in ujani reservoir Maharashtra.
6	Mr. Bhalerao Dattatray Surykant H-101, Saisanskar Complex,Sec. -05 New Panvel, Dist – Raigad.	01/01/2014	Strategies and treatment technologies for solid waste management of major cities in Maharashtra
7	Mrs. Pore Smita Mahesh A/202, Karnik Nagar, Behind WIT College Solapur	01/01/2014	Study of land use pattern in Solapur District for conservation and management of natural resources.
8	Mr.Sheligikar Rajesh Bhalchandra 37, Balaji Nagar, Kumtha naka, Solapur	01/07/2010	Integrated Hydrogeological studies of drough prone of Nannaj stream basin from north Solapur taluka of Solapur district in Maharashtra State India/
9	Mr.Madhekar shrikrishna Dasopant 4 – Meera Park, Behind IMS, Jule Solapur – Solapur	01/07/2010	Geomorphology and its applied aspects of the Yerla River Basin From Southern Deccan lava Plateau Maharashtra.
10	Miss.Kamble Pradnya A. Police line, Block No-22, Pandharpur	01/07/2010	Study of Bioremediation and Bioleaching of Rock Habitats from Pandharpur Taluka, Solapur.
11	Miss.Thorat Aparna Tanajirao Dept. of Geology, WIT College Solapur	01/01/2009	Geo-Morpho-Tectonics and Environmental Studies of the warna river basin, Kolhapur District, Maharashtra.
12	Mr.Joshi Sanjay Balkrishna Dept. of Geology, DBS, Arts & Science College, Solapur	01/01/2009	Morpho-Tectonics and Geo-eco-environmental Studies of the Shastri river basin, Ratnagiri District, Maharashtra.
13	Smt.Vanarote R. N. 486 Shukravara Peth, Solapur	01/01/2007	Geological and Ore mineralogical studies around Halhalli Chadchan taluka Bijapur District, Karnataka.

40. Number of post graduate students getting financial assistance from the university:

Most of the post graduate students receive scholarship from Department of Social Welfare, Government of Maharashtra and few merits cum means scholarship viz. Eklavya.

Sr. No	Name of financial assistance from University	No of Students
1	INSPIRE fellowship	02
2.	EARN & LEARN	04
3.	DRF	Nil
4.	SC	06
5	ST	02
6.	EBC	04

41. Was any need assessment exercise undertaken before the development of new Programme(s)? If so, highlight the methodology:

Yes.

All the courses of School of Earth Sciences were started on stakeholders demand. Need of the course was assessed by the departmental faculty through feedback from alumni and industries. The courses are helpful in enhancing the employability of students. The initiatives were taken from the department. The detail to start these courses was discussed in the meeting of BOS, Faculty meeting, Academic Council meeting and Management Council.

42. Does the department obtain feedback from?

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Merits/Demerits of curriculum and teaching-learning-evaluation are obtained through rigorous discussion at departmental meeting. The continuous outcome of the same is utilized in modification/up gradation of syllabus.

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Confidential feedback is obtained from students and is accessed during Self-Appraisal reports of faculty members. They are given due cognitions during CAS of staff members.

c. Alumni and employers on the programs offered and how does the department utilize the feedback?

Alumni and employers are informally invited and asked to opionate on the programs offered. Demerits are either rectified or reduced to finally modify the Program content.

**43. List the distinguished alumni of the department (maximum 10)
Alumni School of Earth Sciences**

Sr. No	Name	Designation	Address	Mobile No.	E-Mail ID
1.	Mr.Sayyed	Jr. Geologist	GSDA, Sangli	9637929915	neilsayyed07@gmail.com
2.	Mr. Bhaise M.A	Jr. Geologist	Geological Survey of India, Jaipur	9413101695	
3.	Miss. Shaikh Nilofer	Jr. Geologist	Geological Survey of India, Vishakahapattanum	9545250240	
4.	Prof.P.D.Sabale	Professor	Deccan college, Pune	9822418696	sabalepd@yahoo.com
6.	Mrs.Megha Daga	Asst.Geologist	GSDA, Solapur	8552999989	meghawing@gmail.com
7.	Mr.Mushtaq Shaikh	Jr. Geologist	GSDA, Osmanabad	9975268550	mushtaqshaikh27@gmail.com
8.	Dr.S.A.Kulkarni	Sr.Geologist	GSDA, Solapur	9822343596	ebnlatur@rediffmail.com
9.	Miss.Manisha Dongare	Jr. Geologist	GSDA, S olapur	9168178179	
10.	Dr.D.D.Kulkarni	Vice-Principal	D.Y.Patil University, Pune	9960414816	anandidongare@gmail.com
11	Mr.Atpalkar	Sr. Geologist	Irrigation Department, Govt. of Maharashtra	9422848431	dhavalkulkurni1964@gmail.com
12	Mr. Upendra Dhonde	Hydro Geologists	CGWB, Pune		
13	Dr. S. K. Vadakbalkar	Principal	DBF Dayanand College of Arts and Science, Solapur	0989062790 0	

44. Give details of student enrichment programmes (special lectures/workshops/ Seminar) involving external experts:

Knowledge enrichment activities are the regular feature in School of Earth Sciences. The activities comprise of special lectures, training during summer/winter in industries, laboratories etc of public sector and private sector organizations. The students are exposed to various seminars, conferences and symposia at University, Regional, National and International levels. Special lecture series delivered by scientists and industrialist are organized during the academic year. A regular budgetary provision is given by the University for calling such experts. Under such external experts students are trained and submit project reports which add value to their curriculum and thereby help in job requirements. The students under the in house mentors are encouraged to present their project work in various scientific gatherings as research papers and poster presentation. Few of the students received best poster / paper presentation awards and publish their findings.

The following external experts have delivered the lecture for enrichment of student knowledge.

Sr. No	Name of Senior Visiting Fellows	Designation	Address
1	Dr. K. Malik	Ex. Director	NGRI, Hyderabad
2	Prof. R.V. Karanth	Head	M.S. University, Baroda
3	Prof. G.N. Jadhav	Professor	IIT Powai, Bombay
4	Prof.G.Venkatraman	Professor	IIT Powai, Bombay

5	Dr. Arun Inamdar	Professor	IIT Powai, Bombay
6	Dr. R. Nagarajan	Ex. Professor	IIT Powai, Bombay
7	Dr. K.S. Mishra	Director	Geological Survey of India, Jabalpur.
8	Prof. S.H. Pawar	Vice Chancellor	D.Y. Patil University, Kolapur
9.	Prof. C. Rajshekhar	Professor	MACS, Pune
10.	Dr. G. Ravishankar	Scientist	NRSA, Hyderabad

45. List the teaching methods adopted by the faculty for different programmes:

The faculty of Schools of Earth Science adopted combination of traditional and modern methodologies to suit the curriculum of M.Sc Applied Geology, M.Sc Geoinformatics and M.Sc Environmental Science. The methods are as follow:

1. Chalk and Talk (Black Board) Teaching
2. Teaching through modeling
3. Use of maps, software's, topographic maps
4. Book reviewing task
5. Group discussion on natural hazards and burning issues of the curriculum
6. Special lectures delivered by Bhatnagar awardees and industrialist
7. Seminar presentation by Teachers and students using LCD Projector
8. Conducting quiz on subject matter
9. e-source referencing through internet service in class room
10. Use of ICT technology and Virtual classroom.
11. Field, industrial and mine visits
12. Teaching through Audio, Video and Animations

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

Through examinations, seminars, tests, oral, placements etc and also rigorous exercise is carried out by the academia of School of Earth Sciences in reviewing the curriculum objectives. The programs are defined to meet the job requirements in various sectors. Thus the stakeholders from selected sectors are invited in monitoring the progress of the staff and students. A well structured BOS, Academic council, Senate, Dean of Science faculty look into the working of the academic schedule. Director of the School along with his team of teachers prepare the academic calendar and time table to be implemented. Regular classes are conducted as per Time Table. The attendances of students are reported to the director. Further, students appear for the unit tests, seminar presentation, group discussions, quiz and the like activities. Submission of practical journal and home assignments are also reviewed periodically. Final year students are informed of the job requirements at the beginning of academic schedule. Thus, their preparedness for MPSC, UPSC, CSIR NET, etc is counseled for the holistic development.

47. Highlight the participation of students and faculty in extension activities.

1. The staff and students carry out hydrogeological investigations for providing drinking and irrigation water sources to villagers and industries.
2. Quality analysis of drinking water with ISI standards.
3. Assessment of 24x7 drinking water supply to Solapur City.
4. Groundwater management studies in pomegranate research institute (ICAR)
5. Environmental impact assessment studies of stone quarries around Solapur.
6. Teachers works on various committees such as election, village adoption
7. Student participants in massive plantation programs in University campus.

48. Give details of “beyond syllabus scholarly activities” of the department:

The School of Earth Sciences has a balance blend of teaching, research and consultancy work. The curriculum incorporates the best of the practices needed in the competitive world. The staff and students conduct regularly various laboratory and land activities such as delivering lectures on natural resources management, natural disaster mitigation, programs for village adoption, National Science day activities, etc. Apart from these beyond syllabus scholarly activities of the school are to promote students participation in national and international seminars. Publication of their project work in journals makes a win-win situation for their placement.

49. State whether the program/ department are accredited / graded by other agencies? If yes, give details:

Yes.

Department of Geology under aegis of the then Shivaji University P.G. centre was visited by NAAC peer team members and appreciated the department's extension work in their report.

50. Briefly highlight the contributions of the department in generating new knowledge:

The faculties collaborate with scientists of various institutions of national repute and enjoy good international visibility through their publications. Most of the research works are societal in nature with global thinking. The high light of their contributions in generating new knowledge are as follows:

1. Ground water exploration and management in basaltic terrain
2. Dynamic modeling of aquifers
3. Environmental monitoring and impact assessment in and around Solapur. The school was actively involved in preparation of Environmental Status Report of Solapur city – A project undertaken by Solapur Municipal Corporation. Further, site suitability studies for Great Indian Bustard (GIB) using GIS and GPS technology.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength:

1. All courses are career oriented that provide good employability and placements. The course curricula are the best and support the students in the form of Geological field training, mine and industrial visits.
2. School of Earth Sciences has major contribution in fund generation through consultancy work.
3. The ground water surveys undertaken by the school, contributes to eradication of drinking water and irrigation requirements in the drought prone areas of the region.
4. Extension activities in the form of village adoption, organization of exhibition, environmental camps, seminars and the likes strengthen the student's participation and kindle the competitive spirit in life.
5. Quite a number of students are recruited in state and central Govt. services at the rank of Gazetted officers.

Weakness:

1. The infrastructural resources are extended beyond its holding capacity.
2. There are only two feeding colleges in the University jurisdiction that provide students for P.G. course in Applied Geology.
3. There are few journals for research publication owing to poor registration in Scopus, Thomson Reuter indices.

Opportunities:

1. The school has excellent opportunities to seek funds from the various funding agencies on the thrust areas identified by the school.
2. The school has a great chance in serving the society through its extension activities.
3. The expertise of the school can influence on natural resource management, disaster and drought mitigation, climate change and biodiversity.

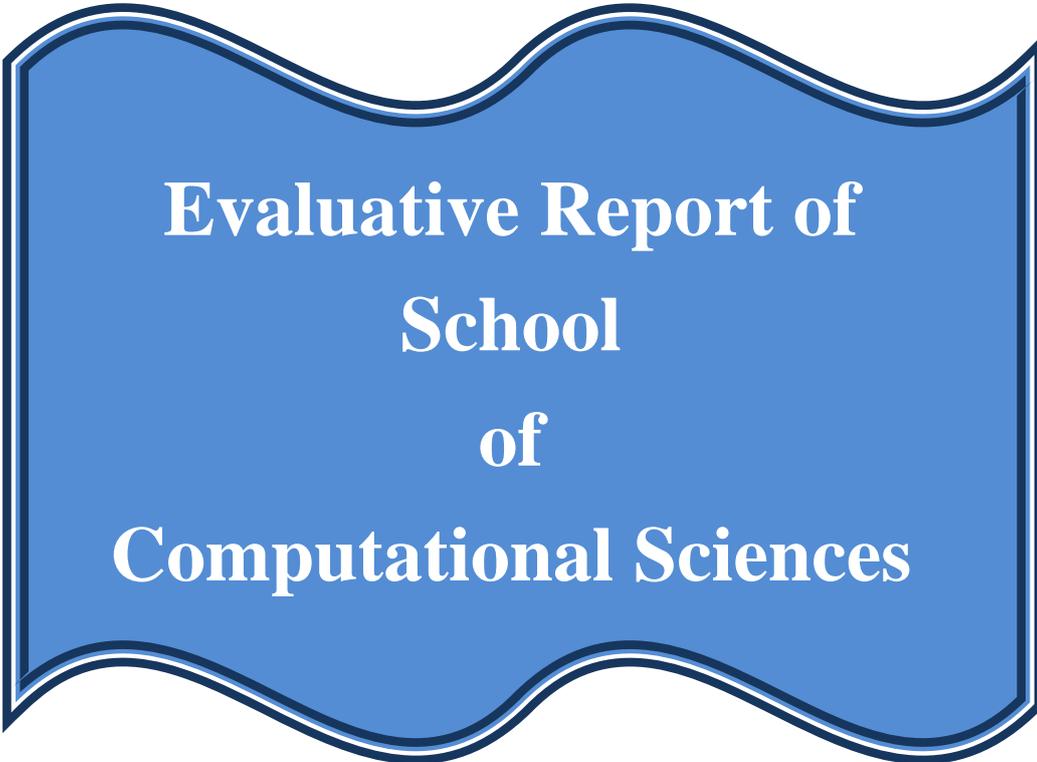
Challenges:

1. The primary challenge is in the form of Human Resource Development at the base level (Increasing the feeder colleges).
2. Making collaborations with national and international institutes and universities.
3. Improving the research facility of the school.

52. Future plans of the departments.

1. The school envisages to generate funds through research projects and consultancy, MOU with National and International institutions etc in improving the facilities to global standards.
2. The laboratories once upgraded, the school wishes to obtain Sigma and ISO certification for enhancing research and teaching.
3. Organize training programs on water harvesting, biodiversity, disaster mitigation, climate change adoption, and environmental impact assessment etc for the stakeholders in making Solapur a "Sunder Solapur" to live in.





**Evaluative Report of
School
of
Computational Sciences**

Evaluative Report of School of Computational Sciences

1. Name of the School (Departments) : School of Computational Sciences

- i) Department of Mathematics
- ii) Department of Statistics
- iii) Department of Computer Applications
- iv) Department of Computer Science

2. Year of establishment:

Sr. No.	Name of the Courses	Year of establishment
1	M.C.A.	1998
2	M.Sc. Computer Science	2005
3	M.Sc. Mathematics	2005
4	M.Sc. Statistics	2007

3. Is the Department part of a School/Faculty of the university?

Yes.

School is a part of Faculty of Science.

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc. D.Litt. etc.):

Sr. No.	Name of the Program	Specialisation
1	M.Sc.	<ul style="list-style-type: none"> • Mathematics • Statistics • Computer Science
2	M.C.A.	Computer Applications
3	Ph. D.	<ul style="list-style-type: none"> • Mathematics • Statistics • Computer Science

5. Interdisciplinary programmes and departments involved : Yes

No.	Interdisciplinary courses	Class	Departments involved
1	Numerical Techniques	M.Sc. I	Department of Mathematics, Department of Computer Science
2	Object Oriented Programming Using C++	M.Sc. I	Department of Mathematics, Department of Computer Science, Department of Statistics
3	Probability Theory	M.Sc. I M.Sc. II	Department of Statistics, Department of Mathematics
4	Modeling and Simulation	M.Sc. II	Department of Statistics, Department of Mathematics, Department of Computer Science
5	Operations Research	M.Sc. II	Department of Statistics, Department of Mathematics, Department of Computer Science

6. **Courses in collaboration with other universities, industries, foreign institutions, etc. :** Nil
7. **Details of programmes discontinued, if any, with reasons :** Nil
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System:**
- Semester Pattern with Credit System - Cumulative Grade Point Average (CGPA) with Continuous Internal Evaluation (CIE) for PG courses.
 - For M.Phil. and Ph.D. courses – Annual Pattern
9. **Participation of the department in the courses offered by other departments:**
Common papers are offered across departments within school therefore all the Departments are participated in the curriculum preparation.
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (Including CAS& MPS)
Professor	01	00	00
Associate Professors	02	01	02
Assistant Professors*	06	05	04
Others **	06	06	06

* The post is vacant due to resignation

**In view of the increase of workload, additional staff on contractual basis has been appointed.

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Sr. No	Name	Qualification	Designation	Specialization	No. of Years of Exp.	No. of Ph.D./M.Phil. students guided for the last 4 years	
						Registered	Awarded
1	Dr. V. B. Ghute	M. Sc., Ph. D.	Associate Professor	Applied Statistics, Statistical Inference	25 years	Ph. D.: 04	M.Phil.: 01
2	Dr. R. S. Hegadi	MCA, Ph. D.	Associate Professor	Digital Image Processing	17 years	Ph. D.: 05	M.Phil.: 01 Ph.D. :02
3	Mr. R. S. Mente	MCA, SET	Assistant Professor	Digital Image Processing	22 Years	----	----
4	Dr. S. B. Mahadik*	M. Sc., M. Phil., Ph. D., SET	Assistant Professor	Industrial Statistics, Nonparametric Inference	14 years	Ph. D.: 04	----
5	Ms. J. D. Thenge	M.Sc., SET	Assistant Professor	Differential Equations, Classical Mechanics	05 years	----	----

6	Mr. A. R. Shinde	M.Sc., SET	Assistant Professor	Data Mining and Warehouse, Signal Processing	14 years	----	----
7	Mr. S. D. Raut	M.Sc., SET	Assistant Professor	Artificial Intelligence, Pattern Recognition	03 years	----	----

*Resigned the post from Aug. 2014.

12. **List of senior Visiting Fellows, adjunct faculty, emeritus professors :**
Nil.

13. **Percentage of classes taken by temporary faculty – programme-wise information :**

Sr. No.	Name of the course	Percentage
1	M. Sc. Mathematics	66%
2	M.Sc. Statistics	33%
3	M.Sc. Computer Science	50%
4	MCA	68%

14. **Programme-wise Student Teacher Ratio:**

Sr. No.	Name of the Programme	Student-Teacher ratio
1	M. Sc. Mathematics	27:1
2	M.Sc. Statistics	13:1
3	M.Sc. Computer Science	13:1
4	MCA	45:1

15. **Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

Sr. No.	Name of post	Sanctioned	Filled	Actual
1	Lab. Assist.	01	01	01
2	Clerk	01	01	01
3	Lab. Attendant	02	02	02
4	Peon	01	01	01

16. **Research thrust areas as recognized by major funding agencies.**

Statistical Process Control, Medical Image Analysis, Biometrics Recognition System, Document Image Analysis.

17. **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.**

Nil

18. Inter-institutional collaborative projects and associated grants received:

- a) National collaboration: Nil
b) International collaboration: Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. : Nil

20. Research facility / centre with

- a. **State recognition** : Nil
b. **National recognition** : Nil
c. **International recognition** : Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies : Nil

22. Publications:

Publications	Statistics	Computer Applications & Computer Science
Number of papers published in peer reviewed journals (national / international)	National: 02 International:32	National : 16 International: 61
Monographs	Nil	Nil
Chapters in Books	Nil	Nil
Edited Books	Nil	Nil
Books with ISBN with details of publishers	Nil	03
Number listed in International Database (For <i>e.g.</i> Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	Scopus: 12 Google scholar:27	Scopus: 21 Google scholar:55

Citation Index – range / average
(As per Google Scholar)

Sr. No.	Name of Teacher	Citations	<i>h</i> -index	<i>i10</i> -index	Impact factor range
1	Dr. V. B. Ghute	54	3	2	0.2-1.76
2	Dr. S. B. Mahadik	92	6	4	0.2-1.76
3	Dr. R. S. Hegadi	257	10	11	0 - 0.835
4	Mr. R. S. Mente	01	01	---	0.821-1.125
5	Mr. A. R. Shinde	---	---	---	0.825-2.1
6	Mr. S. D. Raut	02	01	---	1.125-2.1506

23. Details of patents and income generated: Nil

24. Areas of consultancy and income generated: Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad

- Dr. V. B. Ghute: Visited Department of Statistics, Shivaji University, Kolhapur under UGC Visiting Fellow Scheme in November-2012.
- Dr. S. B. Mahadik: Visited Department of Statistics, Shivaji University, Kolhapur under UGC Visiting Fellow Scheme in June-2014.
- Dr. R. S. Hegadi: Australian National University, Canberra (2010) and IISc, Bangalore (2012).

26. Faculty serving in

- a) National committees b) International committees c) Editorial Boards
d) any other (please specify)

Dr. V. B. Ghute:

- Member of Editorial Board of AVISHKAR- Solapur University Research Journal.
- Member of Committee of VIth Economic Census-2013 of Solapur district.
- Convener: National workshop on Statistical Computing.
- Convener: National Conference on New Horizons of Statistics.
- **Life Member: International Indian Statistical Association.**
- **Life Member: Indian Society for Probability and Statistics.**
- **Life Member: Shivaji University Statistics Teachers' Association.**

Dr. R. S. Hegadi:

- Review Committee – IEEE Engineering in Medicine and Biology Society.
- Review Committee – Springer – Machine Vision and Applications.
- Member – IEEE, IUPRAI, IAENG and IACSIT.
- Chief Editor – Editorial Board Proceedings of the National Conference on Recent Advances in Information Technology 2014.

Mr. R. S. Mente:

- Member of Editorial Board of AVISHKAR- Solapur University Research Journal.
- Member of Editorial Board Proceedings of the National Conference on Recent Advances in Information Technology, 2014.
- Member of International Association of Computer Science and Information Technology (IACSIT), Singapore.
- Member of Computer Science Teachers Association, New York, USA.



Mr. A. R. Shinde:

- Member of Editorial Board Proceedings of the National Conference on Recent Advances in Information Technology, 2014.
- Member of International Association of Computer Science and Information Technology (IACSIT), Singapore.
- Member of Computer Science Teachers Association, New York, USA.

Mr. S. D. Raut:

- Member of Editorial Board Proceedings of the National Conference on Recent Advances in Information Technology, 2014.
- Member of International Association of Computer Science and Information Technology (IACSIT), Singapore.
- Member of Computer Science Teachers Association, New York, USA.
- Member of International Association of Engineers, Hong Kong.
- Member of Institute of Research Engineers and Doctors, New York.

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). :

Sr. No.	Name of faculty	Refresher/ Orientation Course	Organization	Dates
1	Mr. R. S. Mente	Orientation Course	Dr. B. A. M. University, Aurangabad.	1 st March to 30 th March 2012
2	Smt. J. D. Thenge	Orientation Course	Pune University, Pune.	3 rd October to 30 th October 2013.

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects :**100%**
- percentage of students doing projects in collaboration with other universities /industry / institute : **60%**

29. Awards / recognitions received at the national and international level by

- Faculty : **Nil**
- Doctoral / post doctoral fellows : **Nil**
- Students :

No.	Date	Award Details
1	25-09-2010	Mr. Bomma Manohar (MCA-I) won the first prize in the National Level competition “Discovery 2K10 – Logic Lamp C” held at Annasaheb Dange College of Engineering, Ashta.
2	03-01-2014	Dexter Innofest – 2014 a National Level Programming and Paper Presentation Competition. First Prize in Paper Presentation : Mr. Sharad Jadhav, Second Prize in Paper Presentation: Mr. Vaibhav Chidrawar.
3	13-02-2014	Technocrat 2014 a National Level Competition organized by Sinhgad Institute of Computer Studies, Solapur. First Prize in Java Debugging : Anil Kale. First Prize in Poster Presentation: Arati Khandelwal, Sneha Sardeshmukh. Second Prize in Web Designing: Jayvant Masan. Second Prize in Blind Coding: Namarata Mendgudli. Third Prize in Blind Coding: Jayvant Masan.
4	17-02-2014	Pratibha – A National Level Competition organized by Engg. College, Karad. Second Prize in Paper Presentation : Arati Khandelwal and Pooja Khandelwal.
5	08-03-2014	AG-Tech National Level Competition organized by A. G. Patil College of Engineering, Solapur. First Prize in Paper Presentation : Sharad Jadhav. Second Prize in Code Villa : Manoj Mittha and Pranesh Jakka. Second Prize in Debugging : Manoj Mittha and Pranesh Jakka.

30. Seminars/ Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any.

Sr. No	Seminar/ Conference/ Workshop	Convenor	Sponsoring Agencies	Outstanding participants	Duration
1	National Workshop on Statistical Computing	Dr. V. B. Ghute	CSIR, New Delhi.	Prof. D. T. Shirke Prof. D. N. Kashid Dr. D. M. Sakate Dr. S. K. Powar	21-23 Sept, 2013
2	National Conference on New Horizons of Statistics	Dr. V. B. Ghute	DST, New Delhi	Prof. A. P. Gore Prof. S. A. Paranjpe Prof. D. N. Kashid Prof. A. S. Kadi Prof. B.V. Dhandra. Dr. V. R. Prayag Dr. A. A. Kalgonda Dr. P. V. Pandit Dr. S. V. Kakade Dr. J. S. Dhekale	19-21 Oct, 2013

3	National Workshop on MATLAB and Image Processing	Mr. R. S. Mente	Solapur University, Solapur.	Dr. B. V. Dhandra Dr. R. R. Manza Dr. V. T. Humbe Dr. P. L. Yannawar	23-24 Dec, 2013
4	National Conference on Recent Advances in Information Technology	Dr. R. S. Hegadi	Dept. of Electronics & IT (Deity), New Delhi.	Prof. Umesh Bellur, Prof. P. S. Hiremath Prof. B. V. Dhandra Prof. Apurva Desai Dr. P. B. Khanale Dr. S. V. Gangashetty Dr. Neelangouda Patil	15-16 Feb, 2014

31. Code of ethics for research followed by the departments :

University has ethical policies and code of conduct for research as per UGC guidelines.

32. Student profile programme-wise:

1) Academic Year 2010-2011

Name of the Programme (refer to question no.4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
M.Sc. Mathematics	71	20	18	42.85	38.88
M.Sc. Statistics	41	14	8	87.5	100
M.Sc. Computer Science	209*	10	11	----	92.85
MCA	250*	22	37	92	96

2) Academic Year 2011-2012)

Name of the Programme (refer to question no.4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
M.Sc. Mathematics	122	13	30	21.42	44.44
M.Sc. Statistics	20	8	7	100	100
M.Sc. Computer Science	416*	10	12	100	78.57
MCA	432*	21	45	81.25	92.59

3) Academic Year 2012-2013)

Name of the Programme (refer to question no.4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
M.Sc. Mathematics	184	16	31	58.82	42.85
M.Sc. Statistics	27	9	7	100	100
M.Sc. Computer Science	332*	7	13	100	90.90
MCA	337*	30	33	88	97.14

4) Academic Year 2013-2014)

Name of the Programme (refer to question no.4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
M.Sc. Mathematics	274	26	19	28.00	50.94
M.Sc. Statistics	49	11	9	100	71.42
M.Sc. Computer Science	221*	6	5	100	91.66
MCA	279*	3	30	92.85	97.90

5)Academic Year 2014-15)

Name of the Programme (refer to question no.4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
M.Sc. Mathematics	300	21	24	---	---
M.Sc. Statistics	60	11	11	---	---
M.Sc. Computer Science	172*	3	13	---	---
MCA	239*	17	52	---	---

(* Common Entrance Test for University Department and PG Courses at College Level)

33. Diversity of Students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the state	% of students from universities outside the state	% of students from other countries
M.Sc.	90%	10%		
Ph.D.	90%	10%		

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

SET Examination: 02

Miss Jyoti Thenge (SET, Mathematics), 2008.

Miss Sandhya Palmor (SET-Mathematics), 2009.

MPSC-01:

Mr. Gurav Kiran Ashok: Research/Statistical Officer, 2012.



BSRB-03:

Ms. Shailaja Kadam: Officer in State Bank of India.

Mr. Madane Vikas: Officer in Central Bank of India.

Ms. Nadviangal Ashwini: Officer in Central Bank of India.

35. Student progression

Student progression	Percentage against enrolled			
	Mathematics	Statistics	Computer Applications	Computer Science
UG to PG	20% to 50%	35% to 75%	50% to 80%	40% to 80%
PG to M.Phil.	NA	NA	NA	NA
PG to Ph.D.	---	5%	3%	---
Ph.D. to Post-Doctoral	NA	NA	NA	NA
• Employed Campus selection	----	07	45	05
• Other than campus recruitment	More than 50	More than 30	More than 200	More than 60
Entrepreneurs	00	00	00	00

36. Diversity of staff

Percentage of faculty who are graduates	
of the same University	00
from other universities within the State	85.72
from universities from other States	14.28
universities outside the country	00

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period : Nil**38. Present details of departmental infrastructural facilities with regard to**

- Library** : The School of Computational Sciences has its own Departmental Library provided with **182** books.
- Internet facilities for staff and students** : Available
- Total number of class rooms** : **06**
- Class rooms with ICT facility** : **04**
- Students' laboratories** : **03**
- Research laboratories** : **03**

39. List of doctoral, post-doctoral students and Research Associates

a. from the host institution/university :

The following students are working for Ph.D. in School of Computational Sciences.

No.	Name of Student	Subject	Year of Registration
1	D. M. Zombade	Statistics	July 2010
2	S. V. Rajmanya	Statistics	July 2010
3	P. M. Dargopatil	Statistics	July 2012
4	S. M. Nimbale	Statistics	July 2012
5	D. M. Kshirsagar	Statistics	Jan. 2014
6	J. D. Powar	Statistics	Jan. 2014
7	P. P. Shaha	Statistics	Jan. 2014
8	S. M. Mulaje	Statistics	Jan. 2014
9	M. A. Gandhi	Mathematics	Jan. 2011
10	Mayur Javalgikar	Mathematics	July 2010
11	R. S. Mente	Computer Science	July 2010
12	A. M. Chavan	Computer Science	July 2011
13	B. H. Kaulwar	Computer Science	July 2012
14	I. R. Patil	Computer Science	July 2012
15	Parshuram Kamble	Computer Science	Jan. 2013
16	Datta Navale	Computer Science	Jan. 2014
17	Kiran Phalke	Computer Science	Jan. 2014
18	Trupti Jundhale	Computer Science	Jan. 2014
19	Miss. Nannavare J. V.	Mathematics	July 2010

b. from other institutions/universities :

Sr. No.	Name of Student	Subject	Name of the institute / university	Year of Registration
1	P. P. Shah	Statistics	Shivaji University, Kolhapur	Jan. 2014

40. Number of post graduate students getting financial assistance from the university.

University provides financial assistance to two students of the school under the Earn and Learn Scheme.

- 41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. :** After the establishment of Solapur University, the PG courses in the subject of Mathematics, Statistics and Computer Science were not available in the university. Therefore to cater the needs of students graduated in these subjects, M.Sc. Mathematics, Statistics and Computer Science courses were incepted in the year 2005, 2007 and 2005, respectively.
- 42. Does the department obtain feedback from**
- Faculty on curriculum as well as teaching-learning-evaluation? Yes**
If yes, how does the department utilize the feedback?
i. Suggestions are taken from the faculty members in the Department faculty meeting and are implemented, if appropriate.
 - Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? :** The feedback from students is taken per year. Accordingly curriculum and teaching methodologies are updated, if necessary.
 - Alumni and employers on the programmes offered and how does the department utilize the feedback? Yes,** suggestions given by the employers at the time of campus drive and are taken into consideration.
- 43. List the distinguished alumni of the department (maximum 10)**

Sr. No	Name and Address	Working Place	Email and mobile no.
1	Mr. Gurav K. A	Research/ Statistical Officer, Mumbai	kiranashokgurav@gmail.com
2	Mr. Narake S. M	Junior Statistician, Healix Sekhsaria Institute for Population Health, Mumbai	narakes@healis.org 9220763216
3	Ms. Thenge J. D.	School of Computational Sciences, Solapur University, Solapur	jjyoti.mashale@gmail.com 9011089862
4	Ms. Palmur Sandhya	N. B. Navale Sinhgad College of Engg., Kegaon, Solapur	
5	Mr. Avinash Birnale	Endeavour Software Technologies, Bangalore	ab@techendeavour.com 9845665991
6	Mr. Ajay Gabale	Endeavour Software Technologies, Bangalore	ajay.gabale@techendeavour.com 9741545130
7	Mr. Dattatray Sakhare	Prometheus Solutions Pvt. Ltd., Mumbai	sakharedattatray@gmail.com
8	Mr. Vaibhav Bhutkar	Rivalogic Technologies, Pune	bhutkarvaibhav@gmail.com
9	Mr. Vaibhav Chidrawar	NTT DATA Global Delivery Services Limited, Pune	vaibhavchidrawar6191@gmail.com 9860138416
10	Ms. Shailaja Kadam	S.B.I., Balives Branch, Solapur	10shailaja@gmail.com 9404304933

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Sr. No.	Name and address of External Expert	Topic	Date
1	Dr. S. P. Gite Department of Statistics, Mumbai University, Mumbai.	Statistical Package for Social Sciences (SPSS)	19-3-2010 20-3-2010
2	Prof. D. N. Kashid Department of Statistics Shivaji University, Kolhapur.	Preparation of NET/SET Examinations.	25-1-2011
		Likelihood Ratio Tests	14-3-2011 15-3-2011
		Regression Analysis	01-10-2011 to 03-10-2011
3	Dr. T. V. Ramnathan Department of Statistics University of Pune, Pune.	Preparation of NET/SET Examinations.	25-1-2011
4	Mr. B. H. Nimat Shrddha Consultancy, Pune.	Six-Sigma Methodology	08-3-2011
5	Dr. (Mrs) M. G. Kulkarni Department of Statistics, University of Pune, Pune.	Preparation of SET/NET Examinations.	12-9-2012
6	Dr. D. M. Sakate Department of Statistics, Shivaji University, Kolhapur	Preparation of SET/NET Examinations	29-10-2013
7	Dr. A. A. Muley Department of Statistics, SRTM University, Nanded.	Game Theory	12-3-2014 13-3-2014
8	Prof. D. T. Shirke Department of Statistics Shivaji University, Kolhapur.	Monte Carlo Simulation Technique	05-10-2014
9	Dr. Sadik Shaikh Moulana Azad college ,Aurangabad	Basic Notions in Mathematics	08-10-2012
10	Prof. M. S. Bapat Willingdon College ,Sangli.	Fuzzy Mathenatics; SET/NET Examinations	22-12-2012
11	Dr. M. K. Kubde DBF Dayanand College, Solapur	SET/NET Examinations	12-9-2012
12	Dr. B. S. Reddy SRTM University, Nanded.	Algebra	23-12-2013
13	Dr. R. S. Jain SRTM University, Nanded.	Real Analysis	23-12-2013
14	Dr. R. R. Manza, Dr. BAMU, Aurangabad.	SET/NET Examination preparation	25-1-2011

15	Dr. P. L. Yannawar, Dr. BAMU, Aurangabad.	SET/NET Examination preparation	25-1-2011
16	Ms. Bhavana Kanshetti, Symantec Softwares, Pune	Personality Development	27-12-2013
17	Ms. Sadhana Gangan, Pune	Personality Development	10-3-2014
18	Prof. Jayant Kirtane, Pune	Python	20-2-2013 to 23-2-2013
19	Dr. K. Prakash, Kaumparpatanam	Communication Skills	29-9-2014 30-9-2014

45. List the teaching methods adopted by the faculty for different programmes.

1. Lecture
2. Demonstration
3. Power-Point Presentation

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

1. Through internal evaluation.
2. Counselling of students as and when needed

47. Highlight the participation of students and faculty in extension activities.

Students' Participation:

- Students of M.Sc. (Computer Science) and M.C.A. participated in Science Conclave (Supported by MHRD and DST, Govt. of India) at Indian Institute of Information Technology, Allahabad.
- Students of M.Sc. (Statistics), Mr. A. M. Sarolkar and Mr. W. M. U. Pathan participated in the Exposure Programme for PG students on Official Statistics organised by Ministry of Statistics and Programme Implementation, Govt. of India during 17th June to 21st June, 2012 at National Academy of Statistical Administration (NASA), Greater Noida.
- Participation in Celebrations of National Science Day, National Statistics Day, Teachers' Day.
- Participation in various seminars and workshops.
- Participation in state and national level programming, project and paper presentation competition.
- Students participate in blood donation camp, plantation in premises.
- Some of the students are part of Earn and Learn Scheme.
- Students participate in Youth Festival, N.S.S.

Faculty Participation:

1. Dr. V. B. Ghute

- i. Member of Senate, Solapur University, Solapur, (From 2014).
- ii. Chairman-BOS in Statistics (Ad-hoc), Solapur University, Solapur, (2011-13).
- iii. Member of Local Inquiry Committees (LIC) at different colleges.
- iv. Member-BOS in Statistics (Ad-hoc), Solapur University, Solapur, (From 2014).
- v. **Guidance and lectures regarding preparation for NET/SET examinations.**
- vi. **Worked as Subject Expert for Teaching Post at Shivaji University, Kolhapur and SRTM University, Nanded.**
- vii. Referee for Ph.D. Thesis, "Some Contributions to the Inference for Life Time Distributions", Shivaji University, Kolhapur (August 2013).
- viii. Referee for Ph.D. Thesis, "A Study on Multi-Objective Transportation Problem using Fuzzy Logic", Swami Ramanand Teerth Marathwada University, Nanded, (December 2013).
- ix. Worked as Judge in Avishkar-2013 University Level Research Festival, at N.K. Orchid College of Engineering and Technology, Solapur on 1-2 Jan. 2014.
- x. Delivered invited talks/ resource person in National Conferences/ National Seminars/National Workshops.
- xi. Observer- NEET Examination (2013), AIPMT Examination (2014).

2. Dr. R. S. Hegadi

- i. Member – Centralized admission committee of Karnatak University, Dharwad from 2009-2011.
- ii. Member - BOS in Computer Science, Karnatak University, from 2008-2010.
- iii. Chairman - BOS in Computer Science (ad hoc), Solapur University, from 2012 onwards
- iv. Referee for 4 Ph.D. thesis and 6 M.Phil. dissertations.
- v. UGC Observer for Maharashtra SET and Karnataka SET exams and Observer for NEET exam.
- vi. Delivered invited talk on Research trend in Medical Image Analysis in the VTU-VGST Faculty development programme on Advances in Biomedical Instrumentation for Quality Health organized by Department of Electronics and Instrumentation Engineering held on July 22-26, 2014 at University BDT College of Engineering, Davangere, Karnataka.
- vii. Delivered invited talk on Research trend in Medical Image and Image Processing with Matlab in the ISTE short term training programme on Recent Trends in Image Processing organized by Department of Electronics and Communication on July 8 - 11, 2014 at Don Bosco College of Engineering, Fotarda, Margoa, Goa.



- viii. Delivered invited Talk on Research opportunities in Digital Image Processing in the National Level workshop on LATEX Organized by P. G. Department of Computer Science held on March 30, 2014 at Karnataka Arts, Science and Commerce College, Bidar.
- ix. Delivered invited Talk on Research opportunities in Digital Image Processing in the National Level Seminar on Computer Science TANTRIKEYA 2K14 Organized by Department of Computer Science held on March 10-11, 2014 at Davanagere University, Davanagere.
- x. Delivered invited Talk on Research Opportunities in Image Processing in the National Conference “Managealization 2014: The Role of Management and IT in held on March 1st, 2014 at Dr. Babasaheb Ambedkar Marathwada University Sub-Campus, Osmanabad.
- xi. Delivered invited Talk on Image Processing Concepts and Applications in the National Level Seminar on Numerical Analysis and its Applications held on January 10-11, 2014 at Gokhale Centenary College, Ankola.
- xii. Delivered invited Talk on Image Processing: Basic Concepts and Applications in the National Conference on Computer Science and Electronics held on January 3-4, 2014 at Science College, Sangola.
- xiii. Delivered Invited Talk on Data Quality Assessment Model for Migration Business Enterprise in the Three Days Workshop on Research Trends in Data Mining under TEQIP 1.2 held on April, 4-6, 2013 by Dept. Of Computer Science and Engineering, SDM College of Engineering and Technology, Dharwad.
- xiv. Delivered invited talk on Is Mobile and Computer Languages Corrupting English? in the National level Seminar on English: The Language of Global Renaissance held on May, 13-14, 2011 Basaveshwara Arts College, Bagalkot.
- xv. Delivered Invited Talk on Medical Image Analysis at the National level Seminar on Recent trends in Information Technology held on December, March, 6-7, 2010 at C B College, Bhalki, India.

3. Mr. R. S. Mente

- i. Arranged placement activities for students of School of Computational Sciences.
- ii. Member of Local Inquiry Committees (LIC) at different colleges.
- iii. Guidance and lectures regarding preparation for NET/SET examinations.
- iv. Worked as *Convener* of Procession Committee for Convocation Ceremony.
- v. Worked as *Subject Expert* for Teaching Post at various colleges.
- vi. Placement co-ordinator of Solapur University Campus.



- vii. Internet co-ordinator of Solapur University Campus.
- viii. Nodal Officer for website of Solapur University and NME-ICT project.
- ix. Organizing Secretary of National Workshop on MATLAB and Image Processing organized by Dept. of Computer Science, Solapur University
- x. Event Co-ordinator of National Level Competition Dexter-Innofest 2014 (programming and paper presentation competition) organized by Dept. of Computer Science, Solapur University.
- xi. Program Co-ordinator of National Conference on Recent Advances in Information Technology organized by Dept. of Computer Science, Solapur University.
- xii. Co-ordinator of SEED-IT Idol 2014 competition organized by Solapur University and Seed Infotech Ltd. on 18-03-2014 which is a University Level Intercollege competition.

4. Dr. S. B. Mahadik

- i. Worked as Avishkar Coordinator of the University for the year 2013-14.
- ii. Worked as Team Manager of the team of the University participated in the University Industry Innovation Summit held at Aurangabad on 16th Feb, 2013.
- iii. Worked as Team Manager of the team of the University participated in the West Zone Research Student Convention: ANVESHAN 12-13 held at University of Pune during 23rd to 25th Feb, 2013.
- iv. Provided guidance to M. Sc. students for preparation of NET/SET examinations.
- v. Delivered lectures as Resource Person on “Statistical Inference”, in UGC Sponsored Workshop for Training SC/ST and Minority Candidates for NET Examination, Shivaji University, Kolhapur, 8 Dec. 2013.

5. Mr. A. R. Shinde

- i. Nodal Officer of All India Survey of Higher Education, Delhi
- ii. Nodal Officer of M.I.S., Pune
- iii. Member of Local Inquiry Committees (LIC) at different colleges.
- iv. Guidance and lectures regarding preparation for NET/SET examinations.
- v. Worked as Judge / *Subject Expert* for Project Competition
- vi. Treasurer of National Workshop on MATLAB and Image Processing organized by Dept. of Computer Science, Solapur University
- vii. Treasurer of National Level Competition Dexter-Innofest 2014 (programming and paper presentation competition) organized by Dept. of Computer Science, Solapur University.
- viii. Treasurer of National Conference on Recent Advances in Information Technology organized by Dept. of Computer Science, Solapur University.

6. Mr. S. D. Raut

- i. Treasurer of National Workshop on MATLAB and Image Processing organized by Dept. of Computer Science, Solapur University
- ii. Treasurer of National Level Competition Dexter-Innofest 2014 (programming and paper presentation competition) organized by Dept. of Computer Science, Solapur University.
- iii. Treasurer of National Conference on Recent Advances in Information Technology organized by Dept. of Computer Science, Solapur University.

7. Smt. J. D. Thenge

- i. Incharge Rector, Girls' Hostel, Solapur University.
- ii. Chairman, Anti Sexual Harassment Committee.
- iii. Chairman, Antargat Takrar Nivaran Samiti.

48. Give details of “beyond syllabus scholarly activities” of the department:

Softwares are developed to automate regular activities of the following sections in the university –

- Health Centre
- Law Section
- P. G. Admission Section
- BCUD Teacher Approval Unit

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. : No

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The faculty of the School regularly contributes research papers in Statistics, Computer Science and Applications to the reputed national and international journals.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

1. Well-furnished classrooms with LCD projectors.
2. Internet facility is available to Students.
3. Well-equipped computer labs with 190 computers and with 3 IBM servers,
4. High quality Scanners, MATLAB and MINITAB software
5. Campus interviews for students

Weaknesses:

1. The present teacher : student ratio is not at par with standard ratio.

Opportunities:

1. To generate funds through consultancy.
2. Inviting more numbers of private employers for campus recruitments.

Challenges:

1. Active collaboration with the Departments of the other Universities / Institutes of national and international repute.
2. To enhance employability of students.
3. To cope up with the trends of IT sector.

52. Future plans of the department.

1. To get support for scientific infrastructure developments, from different funding agencies.
2. To undertake major research projects.



**Evaluative Report of
School
of
Social Sciences**

Evaluative Report of School of Social Sciences

1. **Name of the Department:** Under the School of Social Sciences there are four Departments each offering a Masters Program.
 1. Department of Rural Development
 2. Department of Applied Economics
 3. Department of Journalism and Mass Communication
 4. Department of Ancient Indian History, Culture and Archaeology
2. **Year of establishment:** 2008
3. **Is the Department part of a School/Faculty of the university?**
Yes.
Faculty of Social Sciences in the University.
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**
There are 4 M A programs viz., Rural Development; Applied Economics; Journalism and Mass Communication; and Ancient Indian History, Culture and Archeology. All these departments offer PhD program.

Name of Program	Specialization
M.A.	<ul style="list-style-type: none"> • Rural Development • Applied Economics • Journalism & Mass Communication • Ancient Indian History, Culture and Archeology
M.Phil.	Nil
Ph.D.	<ul style="list-style-type: none"> • Rural Development • Applied Economics • Journalism & Mass Communication • Ancient Indian History, Culture and Archeology

5. **Interdisciplinary programmes and departments involved:**
As of now, under the School System common papers are offered across departments. Every department offers atleast two common paper to the students.
6. **Courses in collaboration with other universities, industries, foreign institutions, etc. :** Nil
7. **Details of programmes discontinued, if any, with reasons:**
Two PG Diploma Courses (i) Museology and (ii) Tourism have been dropped from the current academic year 2014-15. The reason is lack of enrollment and regularity of the students. This course never filed with total intake capacity since its inception.

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- Semester Pattern with Credit System - Cumulative Grade Point Average (CGPA) with Continuous Internal Evaluation (CIE) for PG courses.
- For M.Phil. and Ph.D. courses – Annual Pattern

9. Participation of the department in the courses offered by other departments:

Common Papers are offered across departments, and therefore all the departments take part in curriculum development and teaching.

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others):

Teaching Posts	Sanctioned	Filled	Actual (CAS & MPS)
Professor	01	01	01
Associate Professors	02	02	02
Asst. Professors	04	04	04
Other Contractual teachers	03	03	03
Total	07	10	10

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
Prof. E.N. Ashokkumar	M.A. Ph.D.	Professor (Director)	Rural Development	18	04
Dr.G.S. Kamble	M. A. Ph.D.	Associate Professor	Social Sector, Rural Development	15	02
Dr.C.S. Bhanumate	M.A. Ph.D.	Associate Professor	Agriculture Economics	15	04
Dr.R.B. Chincholkar	M.A. Ph.D.	Assistant Professor	Electronic Media,	06	Nil
*Dr. Mrs. M.J.Patil	M.A. Ph.D.	Assistant Professor	Archeology, Sculpture	06	01
Shri.P.G. Vhankade	M.A. M.Phil. SET	Assistant Professor	Banking, Coperartion	08	--
Shri. P.N.Kolekar	M.A. SET	Assistant Professor	Ancient History, Budhhism.	06	--

* on lien from December, 2013

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

Nil.



13. Percentage of classes taken by temporary faculty – programme-wise information:

30 per cent each in the departments of Ancient Indian History, Culture and Archeology., Rural Development; Applied Economics; Journalism and Mass Communication.

Name of Programme	Classes taken by temporary Faculty
M.A. Rural Development	30%
M.A. Applied Economics	30%
M.A. Journalism & Mass Communication	30%
M.A. Ancient Indian History, Culture and Archeology	30%

14. Programme-wise Student Teacher Ratio:

Name of Programme	Student -Teachers- Ratio
M.A. Rural Development	20: 1
M.A. Applied Economics	20: 1
M.A. Journalism & Mass Communication	20: 1
M.A. Ancient Indian History, Culture and Archeology	18: 1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

Administrative staff	Sanction	Filled	Actual
Clerk (Regular)	01	01	01
Peon (Regular)	01	01	01
Clerk (Contractual)	01	01	01
Peon (Contractual)	01	01	01
Total	04	04	04

16. Research thrust areas as recognized by major funding agencies:

- Environment and Development
- Informal Sector
- Social Exclusion
- Temple Architecture

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:

a. National – Nil

b. International :-

Name of funding Agencies	Project title	Grants Received
UNDP, New Delhi.	District Human Development Report: Solapur.	Rs.7.2 lakh/-

18. Inter-institutional collaborative projects and associated grants received:

a) National collaboration: Nil

b) International collaboration: Center for Rural Development & Foresight Studies, got approval through Management Council & Academic Council: and Finland Future Research Center (FFRC), University of Turku, Finland. Activities will be started soon.

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received:

Name of funding Agencies	Project title	Grants Received	Completed /Ongoing
UNDP, New Delhi.	District Human Development Report: Solapur.	Rs.7.2 lakh	Ongoing
ICSSR, New Delhi.	Conservation, Development and livelihood	Rs. 4.8 lakh	Completed
ICSSR, New Delhi.	Maharashtra govt. and Social Exclusion of dalits and inclusive policy.	Rs. 4.4 lakh	Completed
ICSSR, New Delhi.	An Economic Analysis of Bidi Industry in Solapur	Rs. 7.4 lakh	Completed

20. Research facility / centre with (Not Applicable)

- state recognition
- national recognition
- international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies :-Nil

22. Publications:

*Number of papers published in peer reviewed journals (national / international)

National Journals: 47

International Journals: 16

*Monographs :Nil

*Chapters in Books

*Edited Books: 01

Dr. G. S. Kamble. & Dr. R. B. Chincholkar Media & Society Wizcraft Publications, Solapur

*Books with ISBN with details of publishers:

Dr. G. S. Kamble, Rural Development Programmes and Practices, Wizcraft Publications, Solapur

*Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.):Nil

*Citation Index – range / average :Nil

*SNIP : Nil

*SJR : Nil

*Impact Factor – range / average :Nil

**h*-index :- Nil

23. Details of patents and income generated : Nil

24. Areas of consultancy and income generated :

Two consultancy Assignments completed by the School.

(i) Social Audit for NTPC affected villages; and

(ii) Social Impact Assesment for Boramani Airport Project.

25. Faculty selected nationally / internationally to visit other laboratories / institutions

/industries in India and abroad : No

26. Faculty serving in

b) National committees

b) International committees

c) Editorial Boards

d) any other (please specify)

- The Ministry of Panchayat Raj and Rural Development, Government of India has Empanelled one Faculty Member (Prof. E. N. Ashokkumar) as National Level Monitor to evaluate the progress done by the state of Kerala and Union Territory of Lakshdweep under BRGF Programme Sanctioned by the Ministry.

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs):

Sr. No	Staff	Course Name & Schedule	Organized Institution
1.	Shree. P.G. Vhankade	Orientation Course 16/06/2014 to 19/07/2014	Academic Staff College, Central University of Hyderabad, Hyderabad
2.	Dr. R. B. Chincholkar	Orientation Course 03/10/2013 to 30/10/2013	Academic Staff College, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

28. Student projects:

- Percentage of students who have done in-house projects including inter-departmental projects:
Hundred percent in-house projects are Carried out by P.G. students as a Compulsory dissertation to complete the course.
- percentage of students doing projects in collaboration with other universities /industry / institute : NO

29. Awards / recognitions received at the national and international level by:

- Faculty :** Nil
- Doctoral / post doctoral fellows :** Nil
- Students:** Shree. Bhanuse, a student of Department of A.I.H.C & A. has been recognized as an outstanding NSS volunteer to take part in Republic Day Parade, 2014 held at New Delhi.

30. Seminars/ Conferences/Workshops organized and the source of funding (national /International) with details of outstanding participants, if any:

- National Seminar was organized on Sustaining Forests of Western Ghats funded by ICSSR, New Delhi.2012.
- A National Seminar was organized on Media and Society funded by the ICSSR, New Delhi.2013.

Title of Seminars	Source of Funding	Outstanding Participants	National / International
Sustaining Forests of Western Ghats 10-11 February, 2012	ICSSR, Western Regional Center, Mumbai (2012)	Dignitaries from Indian Institute Science at ATREE, Bangalore and Senior Prof. of Center for multi disciplinary studies at Dharwad had attended.	National
Media and Society 25-26 April,2013	ICSSR, New Delhi.2013.	One formerly vice Chancellor of Rajasthan University had inaugurated the Seminar	National

31. Code of ethics for research followed by the departments:

The University has its Ethical Policy and code of conduct as per the UGC guidelines which is followed by the University.

32. Student profile program-wise: Separate sheet enclosed. (2013-14):

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
A.I.H.C. & A (M.A -I)	24	21	03	82.35%	17.65%
A.I.H.C. & A (M.A -II)	04	04	--	100%	--
Journalism/Mas (M.A -I) Communication	22	20	02	90.90%	9.10%
Journalism/Mas (M.A-II) Communication	13	11	02	90.91%	9.09%
Rural Development (M.A -I)	12	12	--	100%	--
Rural Development (M.A -II)	16	10	06	60%	40%
Applied Economics (M.A -I)	17	06	11	35.30%	64.70%
Applied Economics (M.A -II)	13	07	06		

33. Diversity of students

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students From other countries
Rural Development	66.37%	33.33%	Nil	Nil
Applied Economics	94.12%	5.88%	Nil	Nil
AIHC & A	87.50%	12.50%	Nil	Nil
Journalism/ Mass Communication(M.A.I)	95.45%	4.55%	Nil	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. (2009-2013)

Sr. No	Name of the Dept. and Students	Exam	Category	Academic Year
	A.I.H.C & A Dept.			
1	Dnyaneshwari Hajare	NET	OPEN	2012
2	Sonali Giri	SET	N.T.	2011
3	Chaya Kulkarni	SET	OPEN	2012
4	Santosh Babare	SET	SC	2011
	Mass Communication Dept.			
1	Tejaswini Rangnath Kamble	SET	SC	2014
2	Sameer Inamdar	SET	OPEN	2013
3	Sanjay Shinde	SET	OPEN	2013
4	Ambadas Bhaske	SET	SC	2011
			Total	08

35. Student progression:

Student progression	Percentage against enrolled
UG to PG	0.0013per cent (approximates)
PG to M.Phil.	Nil
PG to Ph.D.	5-6 per cent (approximates)
Ph.D. to Post-Doctoral	Nil
Employed	
• Campus selection	Three students (Rural Development) got selected as Research Assistant by YASHDA, Pune, through Campus interview.
• Other than campus Recruitment	90% Recruited in media houses from Mass communication Department.
Entrepreneurs	5% Approximates

36. Diversity of staff

iii.

Percentage of faculty who are graduates	
of the same university	85%
From other Universities within the State	15%
Universities from other States	Nil
From outside Country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period :

Nil.



38. Present details of departmental infrastructural facilities with regard to :

- Library: Yes. There are reference books and books for competitive examinations. Number of Text Book 600.
- Internet facilities for staff and students: All Departments have internet facility and shall be extended to the students. Online/Journal/Internet
- Total number of class rooms: 8 class rooms distributed two for each department.
- Class rooms with ICT facility: 4 LCD projectors are equipped with Internet in class rooms.
- Students' laboratories:
One Archaeological Museum,
One Media Lab,
One Computer Lab.
- Research laboratories: Archaeological Museum, Media Lab, and Computer Lab.

39. List of doctoral, post-doctoral students and Research Associates

a. From the host institution/university:

The present status is as given below:

Sr. No	From the host university A.I.H.C & A	Completed	Working	Academic year
1	Sunil Piske		Working	2009-10
2	Kishor Chlwadi		Working	2009-10
3	Sadashiv Devkar		Working	2009-10
4	Anil Jambhale	Completed		2009-10
5	Javed Tamboli	Completed		2009-10
6	Sonali Giri		Working	2014-15
7	Dhneshwari Hajare		Working	2014-15
8	Chaya Kulkarni	Completed		2014
	from the host university Applied Economics			
1	Shri.P.G. Vhankade	Completed		2014
2	Shri.N.G.Kaldate	Completed		2014
3	Mrs.S.M.Parekar	Completed		2014
4	Shri.R.K.Patil		Working	2009-10
5	Kum.D.A.Musale		Working	2009-10
6	Shri.A.S.Telee		Working	2009-10
7	Kum.D.S.Patil		Working	2013-14
8	P.M.Honrao	Completed		2014
9	Shri. Shivkumar Birajdar	Completed		2014
10	Shri.Dhone Subhash		Working	2012-13
11	Shri. Kasabe Tanaji		Working	2011-12
12	Shri. Khandare Vanita		Working	2011-12
13	Shri. Bhushan Rajguru		Working	2013-14
14	Shri. Anvekar Reshma		Working	2013-14

15	Shri. Kapase Dhondiram		Working	2014-15
16	Shri.Sonawale Shailendra		Working	2014-15
17	Mr. D.R.Dhede	Completed		2013
18	Mr. S.V.Shinde	Completed		2013
	From the host university Mass Communication			
1	Mr. Ajit Birajdar		Working	2014-15
2	Mr. Chormare Vijay		Working	2013-14
3	Mr. Shinde Sanjay		Working	2013-14
4	Ms. Chavan Ankush		Working	2013-14
5	Ms. Kamble Tejaswini		Working	2014-15
6	Mr. Mane Dayanand		Working	2014-15
7	Mr. Jakkam Madhukar		Working	2014-15
8	Mr. Shinde Santaji		Working	2014-15
9	Mr. Jadhav Suchinkumar		Working	2014-15
10	Mr. Chavare Bibhishan		Working	2014-15
11	Mr.Bapu Chandanshive		Working	2013-14
12	Mr. Balasaheb Magade		Working	2010-11
13	Mr. Ambadas Bhaske		Working	2010-11
14	Mr. Ramesh Pawar		Working	2010-11
15	Mr. Digvijay Jirge		Working	2010-11
16	Mr. Dameer Inamdar.		Working	2010-11
	Rural Development-			
1	Swati Kamble		Working	2014-15
2	Ratanlal Waghmare		Working	2014-15

b. From other institutions/universities

	Mass Communication			
1	Bhatt Sandeep		Working	2014-15

40. Number of post graduate students getting financial assistance from the University:

Every year five students receive financial assistance under earn while you learn scheme. Currently One student receives Departmental Research fellowship to pursue Ph.D. degree. Ramesh Pawar, Department of Mass Communication & Journalism

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology: –Yes

Three new courses inducted into the School of Social Sciences Since 2008-09 after the inception of the School system in the University. These new programs are Rural Development, Mass Communication, Applied Economics. For instance while Developing Journalism & Mass Communication Program, a series of consultative meetings were held with the media houses in Solapur District and an assessment of demand for trained media personnel was carried out. Similarly internet browsing was done to assess the demand for skilled Economists in Research Institutions,

State & Corporate bodies was carried out while starting Applied Economics Program. Consultations were held with Tata Institution of Social Sciences, DRDA, Leading NGOs, YASHDA, Pune. And Official of Ministry of Rural Development, Government of Maharashtra while introducing Rural Development program.

42. Does the department obtain feedback from:

i. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Based on the feedback obtained from faculty during the special meeting called for these purpose, the structure of curriculum was appealed was the entire programe. Field works and skill based components were introduced in the Rural Development and Journalism & Mass Communication Programe.

ii. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Based on Student feedback on staff, Curriculum and student Evaluation methods, Staff meeting were held. Syllabi of various courses were modified and teaching methods were changed wherever found necessary. For instance use of ICT material to facilitate learning of difficult subject.

iii. Alumni and employers on the programs offered and how does the department utilize the feedback?

Based on the feedback of alumni, communication skills, field work and computer practical were strengthened were there huge demand from the employers for placement of the students.

43. List the distinguished alumni of the department (maximum 10):

Sr. No.	Name of the Student	Department	Positions
1	Sameer Inamdar	Mass Communication	Sub-Editor
2	Ajit Birajdar	Mass Communication	Press Reporter
3	Soheb Pathan	Rural Development	Project Director
4	Raviraj Gaikwad	Rural Development	Chairman. NGO
5	Ratalal Waghware	Rural Development	Medicine Doctor
6	Jainoddin Nadaf	Applied Economics	Bank officer
7	Anita Birajdar	Applied Economics	Researcher
8	Sagar Sasam	Applied Economics	Researcher
9	Sonali Giri	A.I.H.C. & A	Asst. Professor
10	Dhneswari Hajare	A.I.H.C. & A	Asst. Professor

- 44. Give details of student enrichment programs (special lectures/workshops/ seminar) involving external experts:**
Special workshops being organized in Research Methodology, Econometric and Mathematical Economics, Media Content preparation, Archeological Excavations. Remedial coaching classes, personality development lectures and coaching for NET-SET aspirants were organized by the school, periodically.
- 45. List the teaching methods adopted by the faculty for different programs:**
ICT mediated teaching modules, use of LCD Projectors & Video Clips and material downloaded from UGC consortium wherever available.
- 46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**
On the basis of through class test oral and seminar, tutorial and semester end examination. Placement Records are also serve as testimony of students' learning outcome.
- 47. Highlight the participation of students and faculty in extension activities:**
Students & Faculty take part in Village camps, NSS, Social works activities and take part in various scientific socio-economic surveys in the region which have implication on policies and betterment of livelihoods of the people.
- 48. Give details of “beyond syllabus scholarly activities” of the department:**
The School is developing a Center for Rural Development and Foresight Studies to promote research and training in the area of Foresight Studies. Department of Journalism & Mass Communication have developed Documentary films on various socially relevant issues.
- 49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. - No**
- 50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:**
Through its major research projects, the School is generating new knowledge on policy relevant issues in the areas such as Environment and Development, Unorganized Sector and Social Exclusion, and Excavation activities of the department of A.I.H.C & A. have rediscovered culture history and civilizing of the region.
- 51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:**
Keeping the goals of higher education such as *access, equity and excellence*, the school has identified strengths, weaknesses, opportunities and challenges which are as below:

Strengths

1. Most of the courses offered in the Schools are of interdisciplinary nature, and non-traditional and are open for students belonging to any discipline.
2. Most of the members of faculty of the School come from interdisciplinary background and have been acquainted with interdisciplinary teaching and research.
3. The course curriculum has enough flexibility to include papers and practical, skill based components and also has potential for further fine tuning to make students either employable or self- employed.
4. All members of the faculty are career conscious, self- motivated and open for new challenges.

Weaknesses:

1. Majority of the students comes from low income brackets and ensuring regularity of attendance is a problem.
2. There is lack of employment opportunities in the market due to lack of skill based components and professional orientations.
3. Lack of English language skills and computer skills which deprived them to have access to knowledge which is through English medium.
4. Colleges affiliated to the University are also offering PG programs in various social sciences disciplines which affect student enrolment.

Opportunities:

1. Solapur is emerging as an *Education Hub* attracting students from neighboring regions. By proper restructuring of courses and curriculum, a section of students can be made to seek admission into PG course in social sciences.
2. There are development projects under implementation in the region and there is a need for massive skilled manpower for various project related activities.
3. The economies of SAARC countries are also undergoing rapid transformation and need social scientists at various levels. The needs of these societies may be assessed and integrated into curriculum of Social Sciences.
4. The employability of the PG students may be increased by integrating various foreign language courses into social sciences learning.

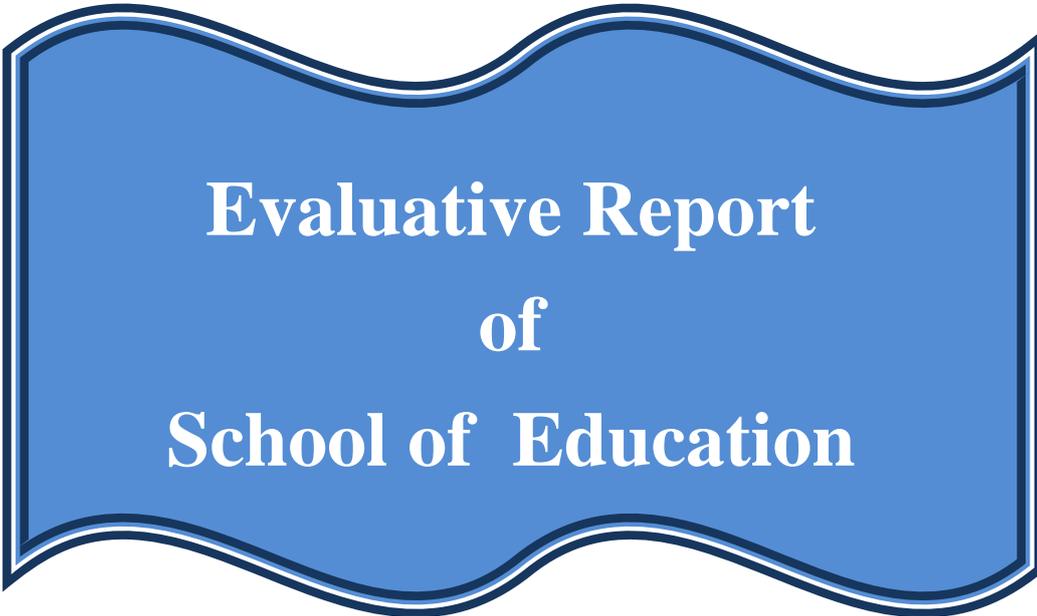
Challenges:

1. There are serious demographic changes taking place in the regions which affects the courses in social sciences.
2. Slow down and stagnation in the wider economy will have its implications in all sectors higher education and this would be more so with the higher education in social sciences.
3. Distance Education Modes are parallel in offering courses PG courses in social sciences which pose a threat from colleges which are offering PG courses.
4. Mediocrity of students getting admission in the PG courses in social sciences poses challenge for their employability.

52. Future plans of the department:

1. The School has submitted a proposal for Special Assistance programme to UGC.





**Evaluative Report
of
School of Education**

Evaluative Report of School of Education

1. **Name of the Department:** Under the School of Education there are Two Departments each offering a Masters Program.
5. Department of Master in Education
 6. Department of M.A Education

2. **Year of establishment:** M.Ed 2006
M.A. Education 2009

3. **Is the Department part of a School/Faculty of the University?**
Yes.
Faculty of Education

4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**
The programs offered in the school are shown below:

Department	Program
Department of Education	M.Ed.
Department of M.A. Education	M.A.
M.Phil.	Nil
Ph.D.	Nil

5. **Interdisciplinary programmes and departments involved:** No
6. **Courses in collaboration with other universities, industries, foreign institutions, etc. :** No
7. **Details of programmes discontinued, if any, with reasons:**
M.A Education have been discontinued from the academic year 2013-14. This institute is due to poor response from the Students community.
8. **Examination System:** Annual/Semester/Trimester/Choice Based Credit System
- M.Ed. with Semester Pattern - with Continuous Internal Evaluation (CIE).
9. **Participation of the department in the courses offered by other departments:**
No.

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others):

Teaching Posts	Sanctioned	Filled	Actual (CAS & MPS)
Professor	-	-	-
Associate Professors	-	-	-
Asst. Professors	-	03 on Contract	-
Other Contractual teachers	-	-	-
Total		03	

Note: The course is self supporting course and therefore teachers are appointed on contract basis.

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
Smt.P.S Ingale	M.Sc. M.Ed.,SET, Ph.D (Submitted)	Assistant Professor	Guidance & Counselling, Special Education, Research Methodology	7 Years	-
Dr.V.S Bhosale	M.Sc. M.Ed. Ph.D	Assistant Professor	Education Psychology , Teacher Education	9 Years	-
Smt.P.S Maske	M.A, M.Ed	Assistant Professor	Philosophy and Sociology, Information Technology	-	-

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:
Nil.

13. Percentage of classes taken by temporary faculty – programme-wise information: 100%

14. Programme-wise Student Teacher Ratio:

Name of Programme	Teachers - Student Ratio
Master in Education	9:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

Posts	Sanctioned	Filled	Actual
Clerk (Contractual)	1	1	1
Peon (Regular)	1	1	1
Peon (Contractual)	1	1	1
Total	3	3	3

16. Research thrust areas as recognized by major funding agencies:

- Psychology , Women and Child Education,

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:

Nil

18. Inter-institutional collaborative projects and associated grants received:

- a) **National collaboration:** Nil
b) **International collaboration:** Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received:

Name of funding Agencies	Project title	Grants Received	Completed /Ongoing
ICSSR, New Delhi.	To Study Emotional Intelligence Of Adolescent Students.	Rs.2,41,875/-	Completed

20. Research facility / centre with (Not Applicable)

- a. state recognition
b. national recognition
c. international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies :-Nil

- 22. Publications:**
- *Number of papers published in peer reviewed journals (national / international)
 - National Journals: 04
 - International Journals: 06
 - *Monographs :Nil
 - * Books Published : **Dr. H.N.Jagtap** 09 (Ex.Director.School of Education)
 - *Edited Books: Nil
 - *Books with ISBN with details of publishers: Nil
 - *Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.):Nil
 - *Citation Index – range / average :Nil
 - *SNIP : Nil
 - *SJR : Nil
 - *Impact Factor – range / average :Nil
 - **h*-index :- Nil
- 23. Details of patents and income generated : Nil**
- 24. Areas of consultancy and income generated : Nil**
- 25. Faculty selected nationally / internationally to visit other laboratories / institutions /industries in India and abroad: No**
- 26. Faculty serving in**
- c) National committees
 - b) International committees
 - c) Editorial Boards : **Dr. H.N.Jagtap (Ex.Director.School of Education) Chief Editor ISRJ Journal**
 - d) any other (please specify)
- Member - Board of Studies Mumbai University.
President – Teacher Educators Association
- 27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs): Nil**
- 28. Student projects:**
- a. Percentage of students who have done in-house projects including inter-departmental projects:
100% in-house projects are carried out by P.G. students as a compulsory dissertation to complete the course.
 - b. percentage of students doing projects in collaboration with other universities /industry / institute : Nil
- 29. Awards / recognitions received at the national and international level by:**
- a. Faculty : Nil
 - b. Doctoral / post doctoral fellows : Nil
 - c. Students: Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (national /International) with details of outstanding participants, if any:

Sr. No.	Type of Seminars/ Conferences / Workshops	Title of Seminars/ Conferences / Workshops	Period	Source of Fund	Outstanding Participants
1.	Regional level	NET/SET Workshop	20/12/2011	Solapur University	Dr.K.B.Patil Shivaji University Dr.Upalane Pune University Dr.Dattatray Tapkir SNTD pune
2.	Regional level	Application of Statistics in Education Rearch	25/2/2012	Solapur University	Dr.Nilima Sapre Shivaji University Dr.G.L.Gulane Amravati
3.	Regional level	Brain Based Learning	10/3/2012	Solapur University	Dr.Chitra Sohani Dr.Shruti Panse Pune
3.	Regional level	Educational Research Workshop	2/2/2013	Solapur University	Mahesh Joshi SRT Nanded Dr.V.U.Pawar Barshi,Solapur
5.	National Level	Women Empowerment	22/3/2013	Solapur University	Dr. Kamal Thakar Latur Dr. Hemlata Karnatak University Dr. Shubhangi Ghavane Aurangabad

31. Code of ethics for research followed by the departments:

The University has its Ethical Policy and code of conduct as per the UGC guidelines with is followed by the University.

32. Student profile program-wise: Separate sheet enclosed. (2009-14):

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	
M.Ed / 2009-10	40	20	20	100%	100%
M.Ed / 2010-11	38	18	20	100%	100%
M.Ed / 2011-12	40	21	19	100%	94.73%
M.Ed / 2012-13	27	06	21	100%	100%
M.Ed / 2013-14	06	03	03	33.33%	16.66
M.A Education					
M.A Education 2009-10	31	15	16	100%	100%
M.A Education 2010-11	16	08	08	100%	100%
M.A Education 2011-12	14	06	08	100%	100%
M.A Education 2012-13	Course discontinued				

33. Diversity of students : (2009-2014)

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students From other countries
Master of Education	83.66%	16.33%	--	--
M.A Education	51.62%	48.38%	--	--

Note: The figures shown above are the averages for the 2009-2014 for M.Ed. and 2009-2013 for M.A. Education

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. (2009-2013)

Sr. No	Examinations	Education
1.	SET Examinations	40
2.	NET Examinations	08
3.	MPSC(DIET)	01

35. Student progression:

Student progression	Percentage against enrolled
UG to PG	25 % (approximates)
PG to M.Phil.	30 %
PG to Ph.D.	5-6 per cent (approximates) – 5-6 %
Ph.D. to Post-Doctoral	Nil
Employed	
Campus selection	Nil –.
Other than campus recruitment	upto -2014 60 % Student Join on D.Ed B.Ed Colleges,& secondary school teacher,higher secondary school teacher,One Student Join in DIET As Lecturer.
Entrepreneurs	Not Applicable

36. Diversity of staff

iv.

Percentage of faculty who are graduates	
of the same university	97 %
From other Universities within the State	3 %
Universities from other States	Nil
From outside Country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period :

Nil.

38. Present details of departmental infrastructural facilities with regard to :

- Library: Nil. There are reference books & book available in University library.
- Internet facilities for staff and students: All Departments have internet facility and shall be extended to the students.
- Total number of class rooms: 01
- Class room with ICT facility: 1 LCD equipped class rooms.

39. List of doctoral, post-doctoral students and Research Associates

- From the host institution/university: Nil**

40. Number of post graduate students getting financial assistance from the University:

A needful students receive financial assistance under earn while you learn scheme.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology: –Nil**42. Does the department obtain feedback from:**

- Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?**

Based on the feedback obtained from faculty during the special meeting called for these purpose, the structure of curriculum was appealed was the entire programe.

Students on staff, curriculum and teaching-learning-evaluation



and how does the department utilize the feedback?

Based on Student feedback on staff, Curriculum and student Evaluation methods, Staff meeting were held. Syllabi of various courses were modified and teaching methods were changed wherever found necessary. For instance use of ICT material to facilitate learning of difficult subject.

ii. Alumni and employers on the programs offered and how does the department utilize the feedback?

Based on the feedback of alumni, communication skills, field work and computer practical were strengthened were there huge demand from the employers for placement of the students.

43. List the distinguished alumni of the department (maximum 10):

Sr. No.	Name of the Student	Department	Positions
1	Talbhandare P.N	Education	Assistant.Profesor
2	Ingale S.G	Education	Assistant.Profesor
3	Jamadar G.T	Education	DIET Lecturer
4	Pansare R.V	Education	Assistant.Profesor
5	Misal S.S	M.A. Education	Assistant.Profesor
6	Gangji A.P	Education	Self Tution Acedemy
7	Shaik ATS	Education	Assistant.Profesor
8	Hede S.S	Education	Assistant.Profesor
9	Jadhav D.D	Education	Assitant.Profesor
10	Mudgundi S.R	Education	Convent Teacher

44. Give details of student enrichment programs (special lectures/workshops/ seminar) involving external experts:

Special workshops being organized in Research Methodology, NET-SET Workshop, Women Empowerment Seminar, Brain Based Learning Seminar Remedial coaching classes, personality development lectures and coaching for NET-SET aspirants were organized by the school, periodically.

45. List the teaching methods adopted by the faculty for different programs:

ICT mediated teaching modules, use of LCD Projectors & Video Clips, Group Discussion, Feild Based Experience etc.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

On the basis of through class test oral and seminar, tutorial and semester end examination. Placement Records are also serve as testimony of students' learning outcome.

47. Highlight the participation of students and faculty in extension activities:

Students & Faculty take part in B.Ed. School Internship, Visited Special School, Akashwani.Educational, Teaching learning Problems Survey For Searching Offer Completion of Research work they Recommended some conclusion for Implication in Education.

48. Give details of “beyond syllabus scholarly activities” of the department:-

Student Visits MKCL and Newspaper Press. To Collecting Information

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. - No

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:

Through its major research projects, the School is generating new knowledge on policy relevant issues in the areas such as Education, Special Education, Psychology and Introduced new teaching and learning methods.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:

Keeping the goals of higher education such as *access, equity and excellence*, the school has identified strengths, weaknesses, opportunities and challenges which are as below:

Strengths

1. 40% Syllabus is with Practical.
2. The courses offered in the Schools are of interdisciplinary nature and non-traditional and are open for students belonging to any discipline.
3. The course curriculum has enough flexibility to include papers on skill based components to make students employable or self- employed.

Weaknesses:

1. The course is a self supporting and the fees structure is not affordable for the students hailing from low income group. The students resort to part time jobs and ensuring regularity of attendance is a major problem.
2. The students are from rural background and first time learners with poor English communication and soft skills.

Opportunities:

1. Solapur is emerging as an *Education Hub* attracting students from neighboring regions. Therefore is a ample scope for the expansion of trained and skilled teachers.
2. There are several agencies - UNISCO, HRD, NCERT, SCERT, DIET, ZP- through which development programs can be implemented in the region. These programs need massive skilled manpower for various activities such as collecting data, analysis of data, planning, supervision, monitoring and evaluation which are ideally suited to the students of Education.
3. The employability of the M.Ed. students may be increased by integrating with various courses of higher learning.



Challenges:

1. Sustenance and maintenance of quality education and research to the global standards.
2. Distance Education council offers M.Ed. courses which have equal recognition comparable with regular courses offered in the University. However, the practical component is lacking in distance mode of learning.
3. To overcome the admission policy of the State government.

52. Future plans of the department:

1. To increase enrollment of the students
2. Submitted minor and major research project proposals to UGC , ICSSR and other agencies for addressing educational and social issues.



**Evaluative Report of
School of
Commerce and Management**

Evaluative Report of School of Commerce and Management

1. **Name of the Department:** School of Commerce and Management
The School has two department which offering two Masters Programs.

1. Department of Commerce
2. Department of Management

2. **Year of establishment:**

Department of Management	2010
Department of Commerce	2011

3. **Is the Department part of a School/Faculty of the university?**

Yes, Faculty of Commerce and Management in the University.

4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**

There is a M.Com. program viz., Master of Commerce

Name of Programme	Specialization
Master of Commerce	Advanced Accountancy & Auditing

5. **Interdisciplinary programmes and departments involved:**

No.

However, the M.Com course proposes to have few interdisciplinary papers in the near future.

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.** Nil

7. **Details of programmes discontinued, if any, with reasons:**

Master of Business Administration has been temporally discontinued from the academic year 2013-14. This is due to lack of response and recession prevailing throughout the state in enrollment of the students.

8. **Examination System:** Annual/Semester/Trimester/Choice Based Credit System

- M.Com. has semester pattern.
- Ph.D. has annual pattern. However, the University is proposing semester pattern for the Ph.D. course.

9. **Participation of the department in the courses offered by other departments:** Nil

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others):

Teaching Posts	Sanctioned	Filled	Actual (CAS & MPS)
Professor	00	00	00
Associate Professors	00	00	00
Asst. Professors	00	00	00
Other Contractual teachers	02	02	02
Total	02	02	02

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
Mr. Amol S. Gajdhane	M.Com., M.B.A. P.G.I.B.O.	*Assistant Professor	Accountancy, Financial Management	2	00
Mr. Ramesh A. Gadhave	M.Phil. M. A.,(Eco), NET, SRF	*Assistant Professor	Economics	1	00

*On contractual appointment

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:
Nil

13. Percentage of classes taken by temporary faculty – programme - wise information:

Name of Program	Classes taken by temporary Faculty
Master of Commerce	100%

14. Programme-wise Student Teacher Ratio:

Name of Program	Teachers - Student Ratio
Master of Commerce	30: 1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

Posts	Sanctioned	Filled	Actual
Clerk (Contractual)	1	1	1
Peon (Regular)	1	1	1
Total	2	2	2

16. **Research thrust areas as recognized by major funding agencies:**
- Banking
 - Forensic Accounting
 - Small Scale industry
 - Financial Management
17. **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:**
- a. **National – Nil**
b. **International :- Nil**
18. **Inter-institutional collaborative projects and associated grants received:**
- a) **National collaboration: Nil**
b) **International collaboration: Nil**
19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received: Nil**
20. **Research facility / centre with (Not Applicable)**
- a. **state recognition**
b. **national recognition**
c. **international recognition**
21. **Special research laboratories sponsored by / created by industry or corporate bodies :-No**

22. **Publications:**

Sr. No.	Details of Publications	Total
1	Number of papers published in peer reviewed journals(national/international):	08
2	Monographs:	-
3	Chapters in Books:	-
4	Edited Books:	-
5	Books with ISBN with details of publishers:	-
6	Numbers listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database-International Social Sciences Directory, EBSCO host, etc.):	-
7	Index-range/average:	-
8	SNIP:	-
9	SJR:	-
10	Impact Factor range/average:	-
11	<i>h</i> -index range:	-

23. **Details of patents and income generated :** No
24. **Areas of consultancy and income generated :** Nil
25. **Faculty selected nationally / internationally to visit other laboratories / institutions /industries in India and abroad :** No
26. **Faculty serving in**
 a) National committees b) International committees c) Editorial Boards d) any other (please specify) : Nil
27. **Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs):** Nil
28. **Student projects:**
 a. **Percentage of students who have done in-house projects including inter-departmental projects:** Nil
 b. **percentage of students doing projects in collaboration with other universities /industry / institute :** Nil
29. **Awards / recognitions received at the national and international level by:**
 c. **Faculty :** Nil
 d. **Doctoral / post doctoral fellows :** Nil
 e. **Students:** Nil
30. **Seminars/ Conferences/ Workshops organized and the source of funding (national /International) with details of outstanding participants, if any:** Nil
31. **Code of ethics for research followed by the departments:**
 The University has its Ethical Policy and code of conduct as per the UGC guidelines with is followed by the University.
32. **Student profile program-wise: Separate sheet enclosed. (2013-14):**

Name of the Programme (refer to question no. 4)	Academic Year	Applications received	Selected		Pass percentage	
			Male	Female	Male	Female
Master of Commerce	2011-12	16	12	04	41.64 %	100 %
	2012-13	25	20	05	15 %	60 %
	2013-14	27	18	09	11.11%	44.44%

33. Diversity of students

Name of the Program (refer to question no. 4)	Academic year	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students From other countries
Master of Commerce	2011-12	100 %	Nil	Nil	Nil
	2012-13	100 %	Nil	Nil	Nil
	2013-14	100 %	Nil	Nil	Nil
	2014-15	96.40%	3.60%	Nil	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. (2009-2013) : Nil

35. Student progression:

Student progression	Percentage against enrolled
UG to PG	3.45 per cent (approximates)
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed	Nil
• Campus selection	Nil
• Other than campus Recruitment	90% Recruited in private sector.
Entrepreneurs	10% Approximates

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	00%
From other Universities within the State	100%
Universities from other States	Nil
From outside Country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: Nil.

38. Present details of departmental infrastructural facilities with regard to :

- Library:** Yes. There are reference books. Number of Text Book is 41.
- Internet facilities for staff and students:** Department has internet facility and is extended to the students.
- Online/Journal/Internet:** The centre library has online subscription over 30,000 e-journals through inflibnet.
- Total number of class rooms:** 2 class rooms.

- e. **Class rooms with ICT facility:** 1 LCD projectors is equipped in class room.
 - f. **Students' laboratories:** Not Applicable
 - g. **Research laboratories:** Not Applicable
- 39. List of doctoral, post-doctoral students and Research Associates**
- a. **From the host institution/university:** Nil
- 40. Number of post graduate students getting financial assistance from the University:**
Students receive financial assistance under 'earn and learn' scheme.
- 41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:** –Nil
- 42. Does the department obtain feedback from:**
- i. **Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?**
Based on the feedback obtained from faculty during the special meeting called for the purpose. Skill based components were introduced in the Commerce Program.
 - ii. **Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?**

Staffs meeting were held based on feedback on curriculum teaching and evaluation. The merits are enhanced and the suggestions are complied to improve the quality of program.
 - iii. **Alumni and employers on the programs offered and how does the department utilize the feedback?**
Based on the feedback of alumni, communication skills, field work and computer practical were strengthened. Thereafter, a huge demand of student by the employers was noticed.
- 43. List the distinguished alumni of the department (maximum 10):** Nil
- 44. Give details of student enrichment programs (special lectures/workshops/ seminar) involving external experts:**
Special workshops are being organized in Research Methodology, Management and Accountancy, e-commerce. Remedial coaching classes, personality development lectures and coaching for NET-SET aspirants were conducted by the School, periodically.
- 45. List the teaching methods adopted by the faculty for different programs:**
ICT mediated teaching modules, use of LCD Projectors & Video lecture by expert resource person and material downloaded from Consortium for Educational Communication (CEC) undertaking by UGC.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

On the basis of student performance in class test, oral, seminar, tutorial and semester end examination. Placement records are also serving as testimony of student's learning outcome.

47. Highlight the participation of students and faculty in extension activities:

Students & Faculty take part in NSS, Social works and developmental activities in the region.

48. Give details of “beyond syllabus scholarly activities” of the department:

The School is developing a Center for Career and Development in which student get platform to enrich their inner qualities. The school is also starting career and placement cell which provide information regarding job opportunities in various sectors.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. - No

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:

The school conducts video lectures by expert resource person from Consortium for Educational Communication (CEC) undertaking by UGC.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:

Keeping the goals of higher education such as *access, equity and excellence*, the school has identified strengths, weaknesses, opportunities and challenges which are as below:

Strengths

- School offers advanced subjects in its curriculum.
- The course curriculum has enough flexibility to include skill based component papers and practical to make students employable or self-employed.

Weaknesses:

1. Infrastructure facilities are to be developed.
2. Teaching staff (permanent) are to be appointed.

Opportunities:

1. There is ample scope for enhancing textile hub related commerce courses.
2. There is strong cooperative movement in this region to support rural banking.
3. The district has good connectivity for trade and commerce.
4. To introduce add on courses in e-commerce

Challenges:

- Intense competition for sustenance from corporate institutions.
- Professional courses like CA, ICWA, CS has an edge over the traditional course.
- To enter into MoU with stock holding companies.

52. Future plans of the department:

The School proposes to have an independent building and consolidate its infrastructure facilities.

Section - D

**Declaration
of the
Hon'ble Vice-Chancellor**

Declaration by the Head of the Institution

I certify that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the peer team will validate the information provided in this SSR during the peer team visit.

Sd/-

**Signature of the Head of the institution
Vice-Chancellor
Solapur University, Solapur**

Place : Solapur

Date : 16/11/2014

**List
of
Enclosures**

SOLAPUR UNIVERSITY, SOLAPUR

LIST OF ENCLOSURES

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2	A letter of Government of Maharashtra PG centre establishment, dated 10/10/1984	II	5-7
3	UGC letter of recognition (2f), dated 21/03/2005	III	8
4	UGC letter of recognition (12B), dated 23/05/2013	IV	9
5	Letter of AIU for Granting Membership, dated 14/02/2011	V	10-11
6	Letter of NCTE for Recognition to M.Ed. course, dated 05/03/2007	VI	12-14
7	Letter of ACU Membership, dated 23/11/2011	VII	15
8	Number of students admitted in affiliated colleges during academic year 2013-14	VIII	16-40
9	List of programs offered on the University campus	IX	41-43
10	Letter of NCTE for Teacher Education Recognition to M.Ed. course, dated 05/03/2007	X	44-46
11	Government of Maharashtra No Objection Certificate for the M.Ed. course, dated 30/12/2004	XI	47
12	List of NAAC Accreditation and Reaccreditation Colleges.	XII	48-52



SOLAPUR UNIVERSITY, SOLAPUR

Enclosure-I: to point no.6.a. Profile of the University

६५१ महाराष्ट्र शासन राजपत्र, असा., जुलै २२, २००४/आषाढ ३१, शके १९२६ [भाग चार-ब]

HIGHER AND TECHNICAL EDUCATION DEPARTMENT
Mantralaya Annex, Mumbai 400 032, dated the 22nd July 2004

NOTIFICATION

MAHARASHTRA UNIVERSITIES ACT, 1994.

No. USG. 1004/(94/2004)/UNI.-1—Whereas, the Government of Maharashtra has decided to constitute, by issuing a notification under sub-section (2) of section 3 of the Maharashtra Universities Act, 1994 (Mah. XXXV of 1994) (hereinafter referred to as "the said Act"), a new University by the name "The Solapur University", for the area comprising the district of Solapur by excluding the said area from the area of the Shivaji University, Kolhapur.

And whereas, as provided by the proviso to sub-section (2) of section 3 of the said Act, the requisite Resolutions have been passed by both Houses of the State Legislature for constituting a new University by the name "The Solapur University", for the area comprising the district of Solapur in their meetings, held on the 8th June 2004 ;

Now, therefore, in exercise of the powers conferred by sub-section (2) of section 3 of the Maharashtra Universities Act, 1994 (Mah. XXXV of 1994), the Government of Maharashtra hereby, with effect from the 22nd July 2004, constitutes a new University by the name "The Solapur University" for the area comprising the district of Solapur and for the purpose amends the Schedule appended to the said Act, as follows, namely :—

In the Schedule appended to the said Act,—

(a) in Part I, against entry 3, relating to the Shivaji University, in column (3), the bracket, figure and word "(4) Solapur" shall be deleted ;

(b) in Part II, after entry 1, the following entry shall be added, namely :—

" 2. The Solapur University District of Solapur "

By order and in the name of the Governor of Maharashtra,

CHANDRA IYENGAR,
Principal Secretary to Government.

HIGHER AND TECHNICAL EDUCATION DEPARTMENT
Mantralaya Annexe, Mumbai 400 032, dated the 22nd July 2004

Order

MAHARASHTRA UNIVERSITIES ACT, 1994.

No. USG. 1004/(94/2004)/UNI.-1—In exercise of the powers conferred by clauses (c), (d), (e), (g), (h), (i) and (j), of section 112 of the Maharashtra Universities Act, 1994 (Mah. XXXV of 1994) (hereinafter referred to as "the said Act"), the Government of Maharashtra hereby directs that the,—

(i) Statutes, Ordinances, Regulations and Rules made by the Shivaji University, Kolhapur, shall, continue in force and deemed to have been made under the said Act by the Solapur University, Solapur, until they are superseded or modified by exercising the powers under the said Act by the Solapur University, Solapur ;

(ii) Shivaji University, Kolhapur, shall obtain the opinion from its registered graduates from the district of Solapur, whether they wish to continue to remain registered graduates of the Shivaji University or to get registered with the Solapur University, Solapur ;

(iii) registered graduates shall submit their option papers to the Registrar, Shivaji University, Kolhapur, on or before the 31st December 2004. The Shivaji University shall sort it out and forward the option papers of the registered graduates opting to register themselves with the Solapur University to the Solapur University, Solapur ;

(iv) registered graduates who do not give their option within the stipulated period, shall continue to remain the registered graduates of the Shivaji University, Kolhapur ;

(v) memberships of the persons of the Senate, Management Council, Academic Council and other authorities, bodies and committees of the Shivaji University, Kolhapur, from the district of Solapur, shall continue as such till such authorities, bodies and committees, etc., as the case may be, are reconstituted as per the provisions of the said Act ;

(vi) colleges in the district of Solapur, previously affiliated to the Shivaji University, Kolhapur, shall stand affiliated to the Solapur University, Solapur and consequently the affiliation of such colleges with the Shivaji University, Kolhapur, shall stand discontinued ;

(vii) transfer, with effect from the 1st August 2004 ; twenty-one employees holding the posts of teachers, and forty-one employees holding the posts of non-teaching in the post-graduate University sub-centre at Solapur of the Shivaji University to the newly constituted Solapur University, Solapur, and shall form part of the posts of the new University and consequently an equivalent number of posts of teaching and non-teaching staff stands reduced from the Shivaji University, Kolhapur, and the terms and conditions applicable to such employees shall be the same as were applicable to them immediately before their transfer to the new University ;

(viii) assets of the post-graduate university sub-centre at Solapur of the Shivaji University, that is to say, property either movable or immovable, rights, interests of whatsoever kind acquired and the liabilities and obligations incurred before the 1st August 2004, shall stand transferred to the Solapur University, Solapur ;

(ix) institutions situated in the Solapur district recognised by the Shivaji University, Kolhapur, shall stand derecognised and the same shall stand recognised by the Solapur University, Solapur ;

(x) matters pertaining to the colleges affiliated to the Solapur University, Solapur, under sections 81 to 92 (both inclusive), shall stand transferred to the Solapur University, Solapur ;

(xi) students enrolled and eligible for appearing at the undergraduate degree examinations in the Solapur district, shall continue to be the students of the Shivaji University, Kolhapur and shall be eligible for appearing at 1st year, 2nd year and 3rd year degree examinations, as the case may be, conducted by the Shivaji University and they shall continue to be the students of the Shivaji University till they complete their graduation course ;

६५५ महाराष्ट्र शासन राजपत्र, असा., जुलै २२, २००४/आषाढ ३५, शके १९२६ [भाग चार-ब

(xii) students enrolled in 1st year degree course in colleges affiliated to the Solapur University, Solapur, from the academic year 2004-2005, onwards shall be the students of the Solapur University, which shall conduct the examinations for them from March 2006 onwards ;

(xiii) existing College Tribunal at Kolhapur, shall continue to function as such and handle cases of the teachers and employees of the colleges under the jurisdiction of the Solapur University, Solapur, till the constitution of University and College Tribunal for Solapur University.

By order and in the name of the Governor of Maharashtra,

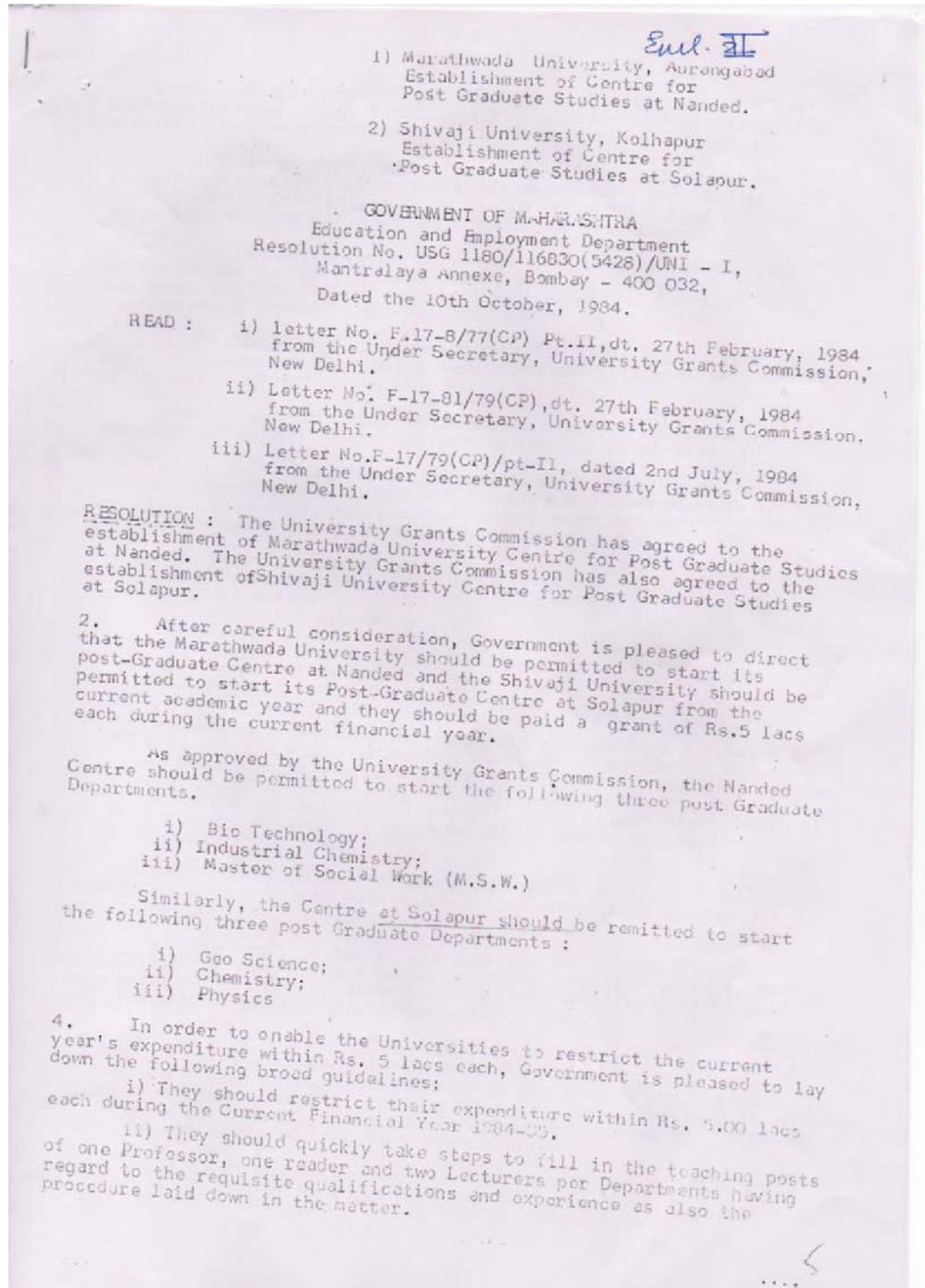
CHANDRA IYENGAR,
Principal Secretary to Government.

Enclosure - II



SOLAPUR UNIVERSITY, SOLAPUR

Enclosure-II : to point no.6.b.i) Profile of the University



iii) Pending appointment of regular teaching faculty, the Universities may engage contributory teachers possessing requisite qualifications and experience for teaching various subjects;

iv) The current year's grant of Rs.5.00 lacs should be distributed equitably among the three departments approved by the University Grants Commission, having regard to their respective minimum needs during the current year .

v) The Universities should go slow in purchasing costly equipment and books. In other words, they should buy the equipment and books which are absolutely essential for the departments approved by the University Grants Commission.

vi) Similarly, they should restrict their expenditure on rent, glassware and chemicals, miscellaneous contingencies, excursions, etc. to the barest minimum.

vii) The appointment of technical staff, if any, required for the departments should also be kept to the barest minimum.

viii) The Universities should go slow in appointment of non-teaching staff and should not appoint more staff than in absolutely essential. During the current year, not more than the following non-teaching staff should be appointed :

a) Deputy Registrar	...	1
b) Superintendent	...	1
c) Accountant	...	1
d) Assistant Librarian	...	1
e) Senior Clerk	...	1
f) Junior Clerk	...	1
g) Peons and Sweepers	...	2
h) Watchmen	...	4
	...	2

Note: Instead of appointing the aforesaid staff all at a time, the Universities may consider the question of appointing nucleus of non-teaching staff, which is absolutely necessary on regular basis, and requisitioning the assistance of the existing non-teaching employees of the colleges (on part time basis) where the two-centres would be housed during the current year.

ix) Construction work of capital nature should not be undertaken during the current year without the approval of the State Government.

x) The Universities should initiate action regarding acquisition of land for the two sub-centres and, if necessary, send proposals to Government. However, no grants are likely to be paid for acquisition of land during the current year.

5. In view of the aforesaid approval by the University Grants Commission and the State Government, the Marathwada University, Aurangabad should be requested to wind up the present activities of the Wanded Sub Centre by the end of the academic year 1985-86 by which time the present batch of the candidates pursuing the following three courses would be completed their course.

- i) M.Sc. Modern Biology;
- ii) Master of Business Administration;
- iii) M.A. Sociology, if not already discontinued and replaced by M.S.W.

Government is also pleased to direct that no separate grant would be paid to the Marathwada University from 1986-87 in respect of these subjects, unless of course, University Grants Commission approves these subjects as well by then, in addition to the three subjects already approved by the University Grants Commission.

6. Sanction is, therefore, accorded to the payment of a grant of Rs.5.00 lacs (Rs. five lacs only) to the Marathwada University, Aurangabad for the establishment of its Post Graduate Centre at Nanded. Similarly, sanction is accorded to the payment of grant of Rs.5.00 lacs to the Shivaji University, Kolhapur for the establishment of its Post graduate centre at Solapur. The Director of Education (Higher Education), Maharashtra State, Pune should be requested to pay the aforesaid grants to the two Universities immediately. The Universities should be requested to keep a separate accounts for these two Centres. If so required by the Accountant General, Maharashtra-I, Bombay/Accountant General, Maharashtra-II, Nagpur. The Universities should produce their accounts with relevant records for inspection by the Audit.

7. The expenditure on this account should be debited to the Budget Head "277-Education-E-University and other Higher Education (a b) Assistance to Universities for non-Technical Education (VII) Schemes in the Five Year Plan-Grants to Universities for General Education (277 09 59) and should initially be met from the advance of Rs.10 lacs from the Contingency Funds sanctioned under the Government Memorandum, Finance Department No. CNF 1184/114/BUD-3, dated 5-10-84. Necessary Supplementary Demand for the recoupment of the above advance from the Contingency Fund should be presented to the Legislature in its next Session. The Director of Education (Higher Education) should forward the monthly report of progress of expenditure from within the advance in the prescribed pro-forma to the Accountant General, Maharashtra-I/Maharashtra-II, Bombay/Nagpur, Finance Department and Education and Employment Department.

8. This Government Resolution issues in consultation with the Planning Department and with the concurrence of the Finance Department, vide its un-official-reference No. 318/BUD-3 dated 5/10/1984.

By order and in the name of the Governor of Maharashtra,

Sd/-
(Y.B. Sen)
Assistant Secretary to Government.

To :

The Registrar, Shivaji University, Kolhapur.

[E333-34] cr



SOLAPUR UNIVERSITY, SOLAPUR

Enclosure-III : to point no.7.i. Profile of the University

17/05 05 TUE 16:06 FAX

23236351, 23232781, 23237721, 23236114
23235733, 23231217, 23236793, 23235417

UGC website-www.ugc.ac.in



सत्यमेव जयते

विश्वविद्यालय अनुदान आयोग
बहादुरशाह जफर मार्ग
नई दिल्ली-110 002
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110 002

No. F.9-17/2004 (CPP-1)

March 2005

Office Memorandum

21 MAR 2005

A new university named as "Solapur University, Solapur" has been established by Act No. XXXV of 1994 under Sub Section 3 of the Maharashtra Universities Act, 1994 of State Government of Maharashtra and notified through the State Gazette vide Notification No. USG 1004/C94/2004) UNI-1 dated 22nd July, 2004. The said university has been included in the list of universities maintained by the University Grants Commission under Section- 2 (f) of the UGC Act, 1956.

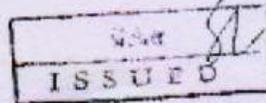
However, the above university is not eligible to receive any financial assistance from University Grants Commission or from any other source funded by the Government of India under Section 12 (B) of UGC Act, 1956.

UGC
(Mrs. Urmil Gulati)
Under Secretary

*o/c.
Mony
17.3.2005*

Copy to:-

1. The Vice-Chancellor, Solapur University, Solapur, Solapur Pune Road, Kegaon, Solapur-413 255
2. The Secretary, Government of India, Ministry of Human Resource Development, (Department of Secondary & Higher Education), Shastri Bhavan, New Delhi-110 001
3. The Secretary to the Government of Maharashtra, Department of Higher Education, Mumbai (M.S).
4. The Secretary General, Association of Indian Universities, 16 Kotla Marg, New Delhi-110 002.
5. Director, (NAAC) National Assessment and Accreditation Council (NAAC), Bangalore-560 010.
6. The Director, Medical Council of India, Kotla Road, New Delhi-110 002.
7. The Secretary, Union Public Service Commission, Shahajahan Road, New Delhi-110 001.
8. The Joint Secretary, (SU), UGC, New Delhi.
9. Senior Statistical Officer, UGC, 35, Ferozshah Road, New Delhi-110 001.
10. Publication Officer, (web-site), UGC, New Delhi.
11. Section Officer (Meeting Section), UGC, New Delhi
12. All Regional Offices, UGC.
13. All Section of the UGC, New Delhi.
14. D.T.P. Cell, UGC, New Delhi.
15. Guard file.
16. F. 9-4/2004 (CPP-I).



UGC
(Mrs. Urmil Gulati)
Under Secretary

Enclosure - IV



SOLAPUR UNIVERSITY, SOLAPUR

Enclosure-IV : to point no.7.ii. Profile of the University

Ph. 23236351, 23232701, 23237721, 23234116
23235733, 23232317, 23236735, 23239437

www.ugc.ac.in

F.No. 9-17/2004 (CPP-I/PU)



Speed Post

NOTIFICATION

विश्वविद्यालय अनुदान आयोग

बहादुरशाह जफर मार्ग

नई दिल्ली-110 002

UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110 002

May, 2012

23 MAY 2013

Solapur University, Solapur (Maharashtra) has been established by Government of **Maharashtra** through an Act (No. XXXV of 1994) of **Maharashtra** legislature and notified vide State Government Gazette No. USG.1004/(94/2004)/UNI-1 dated 22nd July, 2004. The University is now declared eligible to receive Central Assistance in terms of Rules framed under Section 12(B) of the UGC Act, 1956 as per the decision of the Commission (item No. 5.02) dated 10th May, 2013.


(P.K. Sharma)
Under Secretary

Copy to:-

- ✓ 1. The Vice-Chancellor, Solapur University, Solapur Pune Road, Kegaon, Solapur – 413 255 (Maharashtra).
2. The Secretary, Government of India, Ministry of Human Resource Development, (Department of Secondary & Higher Education), Shastri Bhawan, New Delhi-110 001.
3. The Principal Secretary, Govt. of Maharashtra, Tech. & Higher Education Deptt. Mantralaya, Annexe Building, Mumbai – 400 032 (Maharashtra).
4. The Director, Distance Education Council, IGNOU, Maidan Garhi, New Delhi.
5. The Secretary General, Association of Indian Universities, 16 Kotla Marg, New Delhi 110 002.
6. The Director, National Assessment and Accreditation Council (NAAC), Bangalore – 560 010 (Karnataka).
7. The Director, Medical Council of India, Medical Council of India, Pocket – 14, Sector – 8, Dwarka Phase –I, New Delhi – 110 075.
8. The Secretary, Union Public Service Commission, Shahajahan Road, New Delhi 110 001.
9. Chief Statistical Officer, UGC, 35, Ferozshah Road, New Delhi – 110 001.
10. Publication Officer (website), UGC, New Delhi.
11. SO (Meeting) UGC, New Delhi (ATN UGC item No. 5.02 dated. 10.05.2013)
12. All Regional Offices, UGC.
13. US (FD), UGC New Delhi.
14. JS (SU) UGC, New Delhi
15. JS (XIIth Plan) UGC, New Delhi.
16. Guard File.


(P.K. Sharma)
Under Secretary

Enclosure - V



SOLAPUR UNIVERSITY, SOLAPUR

Enclosure-V : to point no.7.iv.a. Profile of the University

5

प्र. बीना शाह
महासचिव
Prof. Beena Shah
M.Sc., M.Ed., Ph.D
Secretary General

ASSOCIATION OF INDIAN UNIVERSITIES

भारतीय विश्वविद्यालय संघ
ए० आर्इ० पू० सचरत, 16, कॉमरेड इंदरजीत गुप्ता मार्ग, नई दिल्ली-110 002
ASSOCIATION OF INDIAN UNIVERSITIES
AIU HOUSE, 16, Comrade Indrajit Gupta Marg, New Delhi 110 002

MEET/GC/85-AM/2010-11/
February 14, 2011

Dear Prof. Bandgar,

The General Body of the Association at its 85th Annual Meeting (Business Session) held on November 14, 2010, at Bharati Vidyapeeth University, Pune, considered the proposal for granting provisional membership of the Association to Solapur University, Solapur and resolved to grant the same with effect from the year 2010-11. I am enclosing a copy of the conditions for granting provisional membership, approved by the General Body of the Association at its 84th Annual Meeting (Business Session) held at Guru Nanak Dev University, Amritsar on November 14, 2009 for your kind information. (Annexure-I).

With kind regards,

Yours sincerely,
(Signature)
(Prof Beena Shah)

Encl: As above.

Prof (Dr.) B P Bandgar
Vice Chancellor
Solapur University
Solapur-Pune National Highway
Kagaon
Solapur 413255

SOLAPUR UNIVERSITY, SOLAPUR
REGISTRAR'S OFFICE
Inward No. 1142
Date 10-05-2011
Section Library

F.Ao/Registrar
10/13

(Signature)
10-3-11

Solapur University, Solapur
Vice-Chancellor Office
Inward No. 1254
Date - 9 MAR 2011
Section F.Ao/Registrar

Library
M. J. J.
10/13

Phone : 91-11- 23236105 (O); Fax: 91- 011- 23232131; e-mail : sgoffice@aiuweb.org; secretarygeneral@aiuweb.org

84th, 14.11.2009

Conditions approved by the General Body for granting Membership of AIU
(Public Funded)

- 1.(i) Universities established and funded by the State Government and Central Government and having registered under section 2(f) of UGC Act be given provisional membership for three years extendable by two years, within which the University must fulfil the required eligibility to obtain permanent membership after due inspection from AIU, otherwise its membership will stand cancelled.
- (ii) They will get positions in the different Statutory Committees/Bodies/ authorities of AIU after having permanent membership.
- (iii) They will be charged Rs. 50,000/- as annual membership fee and Rs.10,000/- as processing fee (one time)

Enclosure - VI



SOLAPUR UNIVERSITY, SOLAPUR

Enclosure-VI : to point no.7.iv.b. Profile of the University

राष्ट्रीय अध्यापक शिक्षा परिषद्
(भारत सरकार का एक विधिक संस्थान)
पश्चिम क्षेत्रीय समिति



NCTE

National Council for Teacher Education
(A Statutory Body of the Government of India)
Western Regional Committee

TO BE PUBLISHED IN THE GAZETTE OF INDIA - PART-III, SECTION-IV

No.WRC/5-6/89/2006/ *C-11973* 27th September, 2006
05/09/07

ORDER

The institutions mentioned in the table under para 3 below had submitted applications to the Western Regional Committee of National Council for Teacher Education for grant of recognition to B.Ed. and M.Ed. in terms of Section 14(1) and 15(1) of NCTE Act, 1993, among others.

2. The WRC at its 89th meeting held from 27th September, 2006 at Bhopal considered applications of the institutions included in the Agenda for the meeting and after careful examination of relevant documents, Visiting Team Reports, Video Recording etc. and the institutions compliance reports on deficiencies found the institutions mentioned in para 3 below fit for grant of recognition of the courses and intake mentioned against their names.

3. Now, therefore, in exercise of powers conferred under Section 14(3)(a) of the NCTE Act, 1993, the Regional Committee hereby grants recognition to these institutions from the session 2006-2007 for the course and intake mentioned against their names and addresses shown as under.

S.NO.	MIS/NCTE CODE	NAME AND ADDRESS OF THE INSTITUTION	COURSE	APPROVED INTAKE
1.	APW02005/123290	SHRI SHANKARLAL AGRAWAL SHIKSHAN MAHAVIDYALAYA, LOKTANTRA BAHUUDSHIYA PRACHAR SANSTHA, NANGPURAMURRI, BEHIND HARIKASHI NAGAR, GONDIA	B.ED.	100
2.	APW03437/123403	RAHUL B.ED. COLLEGE (ENGLISH MEDIUM), C/O MOTHER MARYS JR. COLLEGE, NAVGHAR ROAD, BHAYANDAR (E), THANE	B.ED. (ENGLISH)	100
3.	APW03499/123417	UTTAMRAO DAHAKE SHIKSHAN MAHAVIDYALAYA, AT, POST- KANHERI (SARAP), TAH-BARSHI TAKALI, KARNJA (LAD), WASHIM	B.ED. (MARATHI)	100
4.	APW02268/123307	SARASWATI COLLEGE OF EDUCATION, MANDWA ROAD, TQ. KINWAT, NANDED	B.ED.	100
5.	APW02883/123383	LATE NIRDHANRAO PATIL WAGHAYE SHIKSHAN MAHAVIDYALA, AT. TUMSAR, TAH. TUMSAR, BHANDARA	B.ED. (MARATHI)	100

CONTD. - 2 --

/ TRUE COPY /

[Signature]

UNDER SECRETARY (SB)
NCTE-WRC,BHOPAL
JANUARY 31, 2007

SOLAPUR UNIVERSITY, SOLAPUR
REGISTRAR'S OFFICE

Inward No. *3269*

Date *1 MAR 2007*

Station *BCUD*

महाराष्ट्र राज्य अध्यापक शिक्षा परिषद् - 202, 002 Manas Bhawan, Shyamla Hills, Bhopal - 462 002

Phone : 2660912, 2739672, 266111 / Fax : 0756-2660912, E-mail : notechp@sancharnet.in

NCTE Website : www.ncte-in.org

BCUD

13-53

2007

6.	APW02882/ 123384	LATE NIRDHANRAO PATIL WAGHAYE SHIKSHAN MAHAVIDYALA, AT. SAKOLI, TAH. SAKOLI, BHANDARA	B.ED. (MARATHI)	100
7.	APW02727/ 123323	PANDIT RAJPATI MISHRA COLLEGE OF EDUCATION AND RES. JANTA SHIKSHAN PRASARAK SAMITI, MANORAMA NAGAR, KRISHNA COMPOUN, NEAR SHANKAR MANDIR, DOKALI, THANE (W)	B.ED.	100
8.	APW02766/ 125035	DHULE EDUCATION SOCIETYS COLLEGE OF EDUCATION, DR. RAM MANOHAR LOHIA MARG, NEAR SRP CAMP, DHULE	M.ED.	25
9.	APW02016/ 125026	SOLAPUR UNIVERSITY, SOLAPUR-PUNE ROAD, KEGAON, SOLAPUR	M.ED.	40
10.	APW00821/ 123155	JANATA SHIKSHAN PRASARAK MANDALS B.ED. COLLEGE, OPP. R.T.O., JAHAGIRGAR COLONY, RAILWAY STATION, AURANGABAD 431005 MAHARASHTRA	B.ED.	100

4. The institutions shall ensure the fulfillment of the following :-
- The institutions shall maintain the teaching staff strength of 1+7 for the sanctioned B.Ed. course, 1+3 for M.Ed. 25 intake and 1+6 for M.Ed. 40 intake and all the appointments would be on regular basis on an approved scale of payment of the candidates having fulfilled eligibility condition prescribed by NCTE. The institute concerned shall send a report in this regard to WRC of NCTE within 30 days, in terms of clause 7 (12) of the NCTE Regulations 2005.
 - The institutions shall note that with regard to NET / SLET requirement, the relaxation is allowed only upto the year 2009-2010 as per NCTE Regulation dt. 21.7.2006.
 - The institutions shall adhere to all the other regulations and guidelines as framed by NCTE from time to time.
 - The institutions shall within one month of the receipt of the Recognition order, convert the Endowment Fund account into a Joint Account in the form of FDR for a period of not less than 60 months (Five Years) in a Nationalized Bank only to be operated along with an authorized official of the Regional Committee.
 - That the Reserve fund for an amount of Rs. Three Lakhs be maintained in the form of FDR in favour of the managements / institutions.
 - Further, the recognition is subject to fulfillment of all such other requirements as may be prescribed by other regulatory bodies like UGC and State Government etc.
 - The institutions shall submit to the Regional Committee a Self Appraisal Report at the end of each academic year along with a copy of the approval of the affiliating University / State Directorate of Education about the appointment of faculty members and the Statement of Annual Accounts duly audited by a Chartered Accountant.

/ TRUE COPY /

UNDER SECRETARY (SB)
NCTE-WRC, BHOPAL
JANUARY 31, 2007

CONTD. - 3 -

राष्ट्रीय अध्यापक शिक्षा परिषद्
(भारत सरकार का एक विधिक संस्थान)
पश्चिम क्षेत्रीय समिति



National Council for Teacher Education
(A Statutory Body of the Government of India)
Western Regional Committee

3 --

- (h) The institutions shall regularly update their website.
(i) The institutions intending to run the teachers training programme approved above in a rented premises are required to submit report in compliance of the requirement of NCTE Regulations on the subject regarding their shift to permanent building.

5. If any of the institutions contravene any of the above conditions or any of the provisions of the NCTE Act, Rules, Regulations and / or order made or issued there under, the Regional Committee may withdraw the recognition under the provisions of Section 17(1) of the NCTE Act 1993. The NCTE Hqrs. May also cause inspections under Section 13 of NCTE Act, 1993.

By Order

(L.R. Aggarwal)
Regional Director

1. All the institutions concerned.

Copy to -

1. The Secretary, Department of Elementary Education and Literacy, Ministry of Human Resource Development, Government of India, New Delhi.
2. The Secretary (Higher Education), Government of Maharashtra, Mantralaya, Mumbai.
3. The Member Secretary, National Council for Teacher Education, New Delhi - 110 002.
4. The Registrar, SNDT Womens University, Mumbai / Solapur University, Solapur / Kolhapur University, Kolhapur, / Dr. Babasaheb Ambedkar Marathwada University, Aurangabad / Bombay University, Bombay / Sant Tukodji Maharaj Nagpur University, Nagpur / Sant Gadge Maharaj Amravati University, Amravati / Swami Ramanand Teerth Marathwada University, Nanded / North Maharashtra University, Jalgaon.
5. The Under Secretary, Computer Section, National Council for Teacher Education, New Delhi - 110 002.
6. PS to Chairperson, National Council for Teacher Education, New Delhi - 110 002.
7. The Manager, Government of India, Department of Publications, (Gazette Section), Civil Lines, Delhi - 110054.
8. All other officers and offices concerned.

/ TRUE COPY /

UNDER SECRETARY (SB)
NCTE-WRC, BHOPAL
JANUARY 31, 2007

Regional Director
Ph. (0755) 2660912

मानस भवन, इंदरपुरी हिल्स, भोपाल - 462 002 Manas Bhawan, Shyamla Hills, Bhopal-462 002
दूरभाष - Phone : 2660912, 2739672. फ़ैक्स / Fax : 0755-2660912. E-mail : notebhpi@sancharnet.in
NCTE Website : www.ncte-in.org.

Copy to - HED, M.Ed.

Enclosure - VII



SOLAPUR UNIVERSITY, SOLAPUR

Enclosure-VII : to point no.7.iv.c. Profile of the University

23 November 2011

The Association of Commonwealth Universities

Secretary General
Professor John Wood CBE FREng

Woburn House
20-24 Tavistock Square
London WC1H 9HF
United Kingdom
Telephone +44 (0)20 7380 6700
Facsimile +44 (0)20 7387 2655
info@acu.ac.uk
www.acu.ac.uk

Dr Bandgar Babasaheb Pandurang
Vice Chancellor
Solapur University
Solapur Pune National Highway
Kegaon
Solapur 413 255
Maharashtra
India

Solapur University, Solapur
Vice - Chancellor Office
Inward No. 825
Date 03 DEC 2011
Section Library

Dear Dr Pandurang,

Application for ACU Membership

We are delighted to welcome Solapur University to membership and I can confirm that all the necessary paperwork has been completed and the conditions met. As we have already received a cheque from you for the correct amount I can now confirm that you are full members of the ACU. I have enclosed confirmation on your payment.

Subscriptions are based upon a formula devised from the UN Human Development Index (HDI). This divides the membership into three groups – low, medium and high - and addresses the principle that those in the less developed economies should not be expected to pay at the same levels as those in more affluent areas. Universities in India fall within the low HDI group.

On the basis of a recurrent income of 93,185,924 INR, I can advise you that the annual subscription for the 1st August 2011 – 31st July 2012 is £683.

StudyLink, who maintain the ACU website, have been contacted with your information and they will put the details on our website. They will contact you for information about your institution to go on Course Finder. The Professional Network Administrators have been contacted with the information you provided and they should be in contact soon.

The ACU arranges and participates in a wide range of conferences each year. As well as the Conference of Executive Heads and various Professional Networks conferences, we are delighted to announce the first ever gender conference organised with the ACU'S Gender Programme. Held next March in Sri Lanka, the theme will be 'Critical Women: Women as Agents of Change through Higher Education'. Please visit the ACU website for further details.

I have also enclosed a copy of our most recent Bulletin magazine. This magazine is sent to our members quarterly – a copy to the Executive Head and several copies to the library for further distribution.

Yours sincerely

Ashling Haslehurst
Membership Assistant

Enclosure - VIII

	SOLAPUR UNIVERSITY, SOLAPUR
Enclosure-VIII : to point no.15.Profile of the University	

Number of Students admitted in Affiliated Colleges during Academic Year 2013-14

Sr.No	Name of Colleges & Address	Courses	Intake	Total Admitted Students	
1 Aided	A.R. Burla Mahila Varishtha Mahavidyalaya, Solapur. 213, Sakhar peth (Ashikal Maidan), P.B. No.510, Solapur 413 005 Email: arburla@gmail.com Website: www.arburla.com	*(B.A.)	I	220	109
			II	220	137
			III	120	77
		*(B.Com.)	I	120	136
			II	120	120
			III	120	99
		B.C.A.	I	60	07
			II	60	10
			III	60	36
2 Aided	Bhai Channusingh Chandele college of social work, solapur. 163 A, Railway Lines, Old Employment Chowk, Solapur 413 001 Email: bccmswsolapur@gmail.com Website: www.chandelecollegeofsocialwork.com	*(M.S.W.)	I	30	30
			II	30	00
3	Sushilkumar Shinde College of Physical Education, Solapur. Nehru Nagar, Bijapur Road, Solapur 413 004 Email: @sushilbped.org Website: www.ssscopen.org	B.P.Ed		60	42
4 Aided	Chatrapati Shivaji Night College of Art's & Commerce, Solapur. Muraraji Peth, Solapur 413 001 Email: csnc_123@yahoo.co.in Website: http://shivajinightcollege.org	*(B.A.) शे.वर्ष १९८९-९० पासून	I	320	349
			II	220	191
			III	120	144
		*(B.Com.) शे.वर्ष १९८९-९० पासून	I	120	119
			II	120	95
			III	120	85
		M.A. Politics जून २००५ पासून	I	50	49
			II	50	16
		History जून २००६ पासून	I	50	51
			II	50	18
		M.Com. जून २००६ पासून	I	50	55
			II	50	33
5	College of Architecture, Solapur. Survey No. 63/1A, FP No.34, Ujani Colony, (Behind T.V. Tower), Kumatha Naka, Solapur 413 003 Email: archcoa_ssm@rediffmail.com Website: www.archsolapur.org	B.Architecture	I	30	28
			II	30	25
			III	30	28
			IV	30	27
			V	30	13
6	College of Pharmacy, Solapur. 1 Jule Solapur, Bijapur Road, Solapur 413 004 Email: pharmacycol@yahoo.com Website: www.pharmacycol.org	B.Pharm.	I	100	95
			II	60	72
			III	60	69
			IV	60	68
		M.Pharm. Quality Assurance जून २०११ पासून	I	18	12
			II	18	05
		M.Pharm. Pharmaceutics जून २०१२ पासून	I	18	15
			II	18	05

7 Aided •	D.B.F. Dayanand College of Art's & Science, Solapur. Dayanand Nagar, Raviwar Peth, Solapur 413 002 Email: spr_dayartsc@sancharnet.in Website: http://www.davsolapur.org	*(B.A.)	I	480	408
			II	480	307
			III	480	266
		*(B.Sc.)	I	480	428
			II	360	267
			III	360	259
		B.Sc.(ECS)	I	80	28
			II	80	42
			III	80	34
		M.A. (His)	I	50	40
			II	50	33
		M.A.(Eng)	I	50	40
			II	50	29
		M.A.(Geo)	I	50	48
			II	50	34
M.Sc. (Chem.)	I	20	22		
	II	20	16		
M.Sc. (Zoo.)	I	20	19		
	II	20	19		
M.Sc. (Bot.)	I	20	16		
	II	20	11		
8 Aided •	D.A.V. Velankar College of Commerce, Solapur. Dayanand Nagar, Raviwar Peth, Solapur. 413002 Email: spr_davvccs@bsnl.in Website: http://www.davsolapur.org	*(B.Com.)	I	480	470
			II	480	414
			III	360	335
		B.C.A.	I	60	16
			II	60	00
			III	60	02
		*(M.Com.)	I	100	100
			II	50	33
		M.B.A.	I	45	26
			II	45	09
9 Aided •	D.G.B. Dayanand Law College, Solapur. Dayanand Nagar, Raviwar Peth, Solapur. 413002 Email: dgbdayanandsolapur@gmail.com Website: http://www.davsolapur.org	LL.B	I	120	120
			II	80	80
			III	80	46
		B.A. LL.B.	I	60	59
			II	80	30
			III	80	41
			IV	80	38
			V	80	36
		LL.M.	I	30	27
			II	30	19
10 Aided •	D.P.B. Dayanand College of Education, Solapur. Dayanand Nagar, Raviwar Peth, Solapur. 413002 Email: dcesolapur@gmail.com Website: http://www.davsolapur.org	*(B.Ed.)		80	80
		M.Ed.		35	09
11 Aided •	Hirachand Nemchand College Of Commerce, Solapur. Seth Walchand Hirachand Marg, Ashok Chowk , Solapur 413006 Email: hnprincipal@gmail.com Website: www.hnccsolapur.org	*(B.Com.)	I	360	360
			II	240	318
			III	240	288
		B.B.A	I	60	60
			II	60	55
			III	60	48
		B.C.A.	I	60	56
			II	60	36
			III	60	40
		*(M.B.A.)	I	120 (60+60)	72
			II	120 (60+60)	82
M.Com.	I	100	100		
	II	100	80		

12 Aided •	Kasturba College of Education, Solapur. Seth Walchand Hirachand Marg, Ashok Chowk , Solapur. 413006 Email: kcesolapur@gmail.com Website: http://kcebed.org	*(B.Ed.)		80	80		
		M.Ed.		35	12		
13 •	Prin.K.P.Mangalvedhekar Institute of Management Career Development & Research, Solapur. 156, B-Railway Lines, H.D. High school Campus, Solapur- 413001. Email: kpmi05@yahoo.com Website:	D.B.M.		60	00		
		B.B.A. जून २००४ पासून	I	60	51		
			II	60	58		
			III	60	42		
		B.C.A. जून २००६पासून	I	60	55		
			II	60	39		
			III	60	40		
		M.B.A. जून २०१२ पासून	I	60	21		
II	60		04				
14 Aided •	Laxmibai Bhaurao Patil Mahila Mahavidyalaya, Solapur. Samrat Chowk, Solapur-413002 Email: lbpmsolapur@yahoo.co.in Website: www.erayat.org	*(B.A.) जून १९८९ पासून	I	120	107		
			II	120	103		
			III	120	86		
		*(B.Com.) जून १९८९ पासून	I	120	70		
			II	120	85		
			III	120	61		
		B.C.A. जून २००९ पासून	I	60	08		
			II	60	05		
			III	60	14		
		M.Com. जून २०१२ पासून	I	50	40		
			II	50	27		
		15 Aided •	Sangmeshwar College, Solapur. Saat Rasta, Solapur. 413 001 Email: prin_sangameshwar@yahoo.com Website: www.sangameshwarcollege.org	*(B.A.)	I	480	474
					II	480	410
					III	360	376
*(B.Com.)	I			480	476		
	II			480	436		
	III			360	427		
*(B.Sc.)	I			240	263		
	II			240	231		
	III			240	147		
B.B.A.	I			60	58		
	II			60	29		
	III			60	23		
B.C.A.	I			60	48		
	II			60	36		
	III			60	27		
B.Sc(ECS)	I			80	75		
	II			80	28		
	III			80	29		
M.Com.	I			50	49		
	II			50	49		
M.Sc (Comp.Sci)	I	30	12				
	II	30	24				
M.A. English	I	50	47				
	II	50	34				
Hindi	I	50	46				
	II	50	38				
Sociology	I	50	50				
	II	50	41				
Politics	I	50	45				
	II	50	32				
Psychology	I	30	29				
	II	30	08				

16	Solapur Social Association, College of Education, Solapur. 10659, Siddheshwar Peth, Solapur-413001. Email: bed@ssacollegeofeducation.org Website: www.ssaeducation.org	B.Ed.		100	67
17 Aided	Solapur Social Association, Arts & Commerce College, Solapur. New Building Opp.Saiffi Hospital, Siddheshwar Peth, Solapur – 413001 Email: socialcollege@gmail.com Website:	* (B.A.)	I	240	230
			II	240	184
			III	120	130
		* (B.Com.)	I	120	85
			II	120	100
			III	120	85
		M.A. Urdu.	I	50	36
			II	50	16
18	Sharadchandra Pawar Arts, Commerce & Science College, Solapur. Near Uma Nagari Hou.Society, Abhishek Nagar, Murarji Peth, Solapur. 413 002	B.A.	I	120	00
			II	120	00
			III	120	00
		B.Com.	I	120	00
			II	120	00
			III	120	00
19 Aided	Union Education Society, Mahila Mahavidyalaya, Solapur. 141 A, Siddheshwar Peth, Solapur-413001 Email: uesmm@yahoo.com Website: www.uesmahilamahavidyalaya.org	* (B.A.-2009)	I	120	159
			II	120	132
			III	120	112
20 Aided	Vasundhara Arts College, Solapur. Mhada Plot.No.22, Near D.Pharmacy College, Jule Solapur, Solapur 413004 Email: vkmjsol@bsnl.in Website:	* (B.A.-2012) जून २००० पासून	I	360	247
			II	240	163
			III	120	132
		B.Sc. जून २०१२ पासून	I	120	68
			II	120	29
		B.C.A. जून २००९ पासून	I	60	10
			II	60	01
			III	60	04
		M.A. (History) जून २००९ पासून	I	40	40
			II	40	18
21 Aided	Walchand College of Arts & Science, Solapur. Seth Walchand Hirachand Marg, Ashok Chowk , Solapur. 413006 Email: principalwcas@yahoo.co.in Website: www.wcassolapur.org	* (B.A.)	I	360	330
			II	240	289
			III	240	219
		* (B.Sc.)	I	240	182
			II	120	163
			III	120	119
		B.Sc. (Bio-Tech)	I	60	61
			II	60	37
			III	60	42
		M.S.W.	I	65	65
			II	65	52
		P.G.D.C.A.		60	00
		M.A. (Marathi)	I	50	55
			II	50	48
		M.A. (Eco.)	I	50	55
			II	50	37
		M.A. (Hindi) जून २००९ पासून	I	50	44
			II	50	17
		M.A. (English) जून २००९ पासून	I	50	53
			II	50	28
		M.A. (Geog.) (मराठी माध्यम) जून २०१०पासून	I	50	50
			II	50	36

		M.Sc. Genetic जून २००९ पासून	I	25	11
			II	25	06
		M.Sc.Bio –Informetics जून २००९ पासून	I	25	12
			II	25	01
		M.Sc. Inorganic Chemistry. जून २०१० पासून	I	25	24
			II	25	27
		M.Sc. Bio-Tech. जून २०१२ पासून	I	25	21
22	Walchand Institute of Technology, Solapur Seth Walchand Hirachand Marg,Ashok Chowk, P.O.Box- 634, Solapur-413006 Email: principal@witsolapur.org Website: www.witsolapur.org	First Year *(B.E.)-2009			
		*(Electronics Engg.)		60	26
		*(Comp. Sci. Engg.)		60	56
		*(Civil Engg.)		60	58
		*(Mechanical Engg.)		120 (60+60)	117
		*(Ele. & Telecom.)		60	56
		*(Information Tech.)		60	31
		Second Year			
		*(Electronics Engg.)		60	72
		*(Comp. Sci. Engg.)		60	72
		*(Civil Engg.)		60	72
		*(Mechanical Engg.)		120 (60+60)	144
		*(Ele. & Telecom.)		60	72
		*(Information Tech.)		60	72
		Third Year			
		*(Electronics Engg.)		60	70
		*(Comp. Sci. Engg.)		60	75
		*(Civil Engg.)		60	75
		*(Mechanical Engg.)		120 (60+60)	154
		*(Ele. & Telecom.)		60	71
		*(Information Tech.)		60	62
		Final Year			
		*(Electronics Engg.)		60	61
		*(Comp. Sci. Engg.)		60	70
		*(Civil Engg.)		60	67
		*(Mechanical Engg.)		120 (60+60)	132
		*(Ele. & Telecom.)		60	67
		*(Information Tech.)		60	65
		M.E.	I	25	14
		Civil Structure Engg.	II	25	05
		M.E. Mech. Design Engg.	I	18	18
			II	18	10
		M.E. C.S.E. जून २००९ पासून	I	18	18
			II	18	15
		M.E. Electronics Engg. जून २००९ पासून	I	18	18
			II	18	18
	Second Shift	C.S.E. जून २०१० पासून	I	60	36
			II	60	72
			III	60	74
			IV	60	60
		E. & T.C. जून २०१० पासून	I	60	39
			II	60	72
			III	60	63
			IV	60	61
23	V.G. Shivdare College of Arts, Commerce & Science, Solapur. College of Pharmacy Campus, Jule Solapur- 1, Vijapur Road, Solapur. 413007 Email: vgs.biotechnology@rediffmail.com	B.A. जून २००५ पासून	I	120	105
			II	120	64
			III	120	44
		B.Com. जून २००५ पासून	I	120	88
			II	120	67

	Website: www.vgshivdarecollege.org		III	120	62
		B.Sc. (Bio-Tech) जून २००५ पासून	I	60	63
			II	60	20
			III	60	22
		M.Sc. (Bio-Tech) जून २०१० पासून	I	30	23
			II	30	27
24	Rukmai Instiute of Technology, Solapur. Nehru Nagar, Vijapur Road, Solapur. 413004 Email: contact@ritsolapur.org	B.C.A. जून २००६ पासून	I	60	00
			II	60	00
			III	60	00
25	Deshbhakta Harinarayan Bankatlal Soni College, Solapur. 105 / 2 B, Near Vaishnavi Nagar, Saiful, Vijapur Road, Solapur. 413004 Email : soniccollege@gmail.com Website: www.dhbsoniccollege.org	B.B.A. जून २००६ पासून	I	60	10
			II	60	04
			III	60	31
		B.C.A. जून २००६ पासून	I	60	12
			II	60	19
			III	60	44
		B.Sc.(ECS) जून २००७ पासून	I	80	27
			II	80	21
			III	80	43
26	Bharatratna Indira Gandhi College of Engineering, Kegaon-Solapur. Solapur- Pune National Highway No.09, Gate No.58/3, Kegaon, Solapur. 413 255 Email: bigce_india@yahoo.co.in Website: www.bigce.org.in	B.E. जून २००६ पासून First Year			
		C.S.E.		90 (60+30)	11
		Mech. E.		90 (60+30)	31
		E. & T.C.		60	10
		I.T.		60	00
		Bio-Medi. Engg. जून २००८ पासून		60	14
		Civil Engg. जून २००९ पासून		60	11
		Electrical Engg. जून २०१३ पासून		60	02
		Chemical Engg. जून २०१३ पासून		60	05
		Second Year			
		C.S.E.		90 (60+30)	25
		Mech. E.		90 (60+30)	58
		E. & T.C.		60	16
		I.T.		60	01
		Bio-Medi. Engg.		60	12
		Civil Engg.		60	12
		Third Year			
		C.S.E.		90 (60+30)	39
		Mech. E.		90 (60+30)	75
		E. & T.C.		60	36
		I.T.		60	18
		Bio-Medi. Engg.		60	24
		Civil Engg.		60	09
		Final Year			
		C.S.E.		90 (60+30)	70
		Mech. E.		90 (60+30)	103
		E. & T.C.		60	46
		I.T.		60	49
		Bio-Medi. Engg.		60	40
		Civil Engg.		60	23
		M.B.A. जून २००८ पासून	I	60	30
			II	60	20
		M.C.A. जून २००७ पासून	I	60	00
			II	60	25
			III	60	44
		M.E. - Mech Engg. जून २०११ पासून	I	18	18
			II	18	18

		M.E.- Electronics Engg. जून २०१२ पासून	I	18	18
			II	18	18
		M.E. – C.S.E. जून २०१२ पासून	I	18	18
			II	18	18
		M.E.- Bio-Medical Engg. जून २०१३ पासून	I	18	15
		M.E. – Water resource Engg. जून २०१३ पासून	I	18	12
27	Shri Veertapashvi Chaanveer Shivacharya College of Education, Solapur. M.I.D.C., Akkalkot Road, Solapur. 413 006. Email: svcsbed@gmail.com Website: www.sbhtg.org	B.Ed. जून २००९ पासून		100	40
28	V.V.P. Institute of Engineering & Technology, Solapur. Gat No. 72/2 B, Soregaon-Dongaon Road, Soregaon, Solapur. 413 004. Email: vvpviet@rediffmail.com Website: www.vvpengineering.org	B.E. First Year			
		Comp. Sci. Engg.		60	14
		Ele. & Electr. Engg.		60	09
		Mechanical Engg.		120 (60+60)	47
		Elec. & Telec. Engg		60 (60+60=120) (120-60= 60)	12
		Second Year			
		Comp. Sci. Engg.		60	33
		Ele. & Electr. Engg.		60	23
		Mechanical Engg.		120 (60+60)	89
		Elec. & Telec. Engg		60 (60+60=120) (120-60= 60)	35
		Third Year			
		Comp. Sci. Engg.		60	23
		Ele. & Electr. Engg.		60	25
		Mechanical Engg.		120 (60+60)	92
		Elec. & Telec. Engg		60 (60+60=120) (120-60= 60)	37
		Final Year			
		Comp. Sci. Engg.		60	24
		Ele. & Electr. Engg.		60	35
		Mechanical Engg.		120 (60+60)	87
		Elec. & Telec. Engg		60	40
		M.E. Design Engg. जून २०१३पासून	I	18	18
29	Gandhinatha Rangaji College of BCA, Solapur. 13, Budhwar Peth, Jain Boarding Campus, Balivesh, Solapur.413002 Email: contactus@gnrbcasolapur.in Website: www.gnrbcasolapur.in	B.C.A. जून २००९ पासून	I	60	00
			II	60	11
			III	60	02
30	N.B. Navale Sinhgad College of Engineering, Kegaon. Solapur-Pune National Highway No. 9, Kegaon, Solapur.413255 Email: principalnbnscoe@gmail.com Website: www.spspm.org	B.E. First Year			
		Electrical Engg.		60	21
		Civil Engg.		60	29
		Mech. Engg.		180 (60+60=120) (120+60=180)	133
		E. & T.C.		180 (60+60=120) (120+60=180)	53
		C.S.E.		60	51

		Second Year			
		Electrical Engg.		60	72
		Civil Engg.		60	72
		Mech. Engg.		120 (60+60)	144
		E. & T.C.		120 (60+60)	144
		C.S.E.		60	72
		Third Year			
		Electrical Engg.		60	51
		Civil Engg.		60	49
		Mech. Engg.		120 (60+60)	124
		E. & T.C.		60	74
		C.S.E.		60	69
		Final Year			
		Electrical Engg.		60	41
		Civil Engg.		60	23
		Mech. Engg.		60	60
		E. & T.C.		60	59
		C.S.E.		60	62
	Second Shift	Mech. Engg. जून २०१२ पासून	I	120 (60+60)	07
			II	60	72
		M.E. - Mech Engg. Design जून २०१२ पासून	I	24	23
			II	24	09
		M.E. - E. & T.C. जून २०१२ पासून	I	24	24
			II	24	15
		M.E. (C.S.E.) जून २०१३पासून	I	24	24
		M.E. Structural Engg. जून २०१३पासून	I	24	24
31	Sinhgad Business School , Kegaon. Solapur-Pune National Highway No. 9, Kegaon, Solapur.413255 Email: yelikarraj@gmail.com Website: www.spspm.org	M.B.A. जून २०१० पासून	I	180 (120+60)	109
			II	180 (120+60)	129
32	Sinhgad School of Computer Studies, Kegaon. Solapur-Pune National Highway No. 9, Kegaon, Solapur.413255 Email: directorsscs@gmail.com Website: www.spspm.org	M.C.A. जून २०१० पासून	I	300 (120+60) (180+120)	00
			II	300 (120+60) (180+120)	252
			III	180 (120+60)	146
	Direct Second Year New Div. First Affi. A.Y.2013-14.	M.C.A.	II	120	118
33 Aided •	Mauli Mahavidyalaya, Wadala. Tal.North Solapur, Dist-Solapur. 413222 Email: maulimahavidalay.2010@gmail.com Website: maulicollegewadala.org	*(B.A.-2009) जून २००० पासून	I	240	196
			II	120	124
			III	120	75
		B.Sc. जून २०१२ पासून	I	120	86
			II	120	39
		B.C.A. जून २००७ पासून	I	60	00
			II	60	00
			III	60	00
34 •	Lokmangal Bio-Technology College, Wadala. Tal.North Solapur, Dist-Solapur-413222 Email: shriram_pratishthan2008@yahoo.co.in Website: www.lokmangalvidya.org	B.Sc. (Bio-Tech)	I	60	50
			II	60	00
			III	60	08

		B.Sc (Entraprenurship)	I	60	45
			II	60	00
			III	60	07
		B.Sc (ECS)	I	80	00
			II	80	00
			III	80	00
35	Brahamdevdada Mane Institute of Technology, Solapur. Gate No. 137, Belati. Tal.North Solapur, Dist-Solapur-413224 Email: principal_bmit@bmssp.org, bmit_solapur@rediffmail.com, Website: www.bmssp.org/bmit	B.E. जून २००६ पासून First Year			
		Comp. Sci. Engg.		60 (60+60=120) (120-60=60)	15
		Elec. & Telec. Engg		60 (60+60=120) (120-60=60)	09
		Electrical Engg.		60	13
		Mechanical Engg.		120 (60+30) (90+30)	54
		Second Year			
		Comp. Sci. Engg.		120 (60+60)	130
		Elec. & Telec. Engg		120 (60+60)	86
		Electrical Engg.		60	47
		Mechanical Engg.		120 (60+30) (90+30)	149
		Third Year			
		Comp. Sci. Engg.		120 (60+60)	85
		Elec. & Telec. Engg		120 (60+60)	116
		Electrical Engg.		60	37
		Mechanical Engg.		120 (60+30) (90+30)	118
		Final Year			
		Comp. Sci. Engg.		120 (60+60)	124
		Elec. & Telec. Engg		120 (60+60)	87
		Electrical Engg.		60	38
		Mechanical Engg.		90 (60+30)	104
		M.B.A. जून २०१० पासून	I	60	35
			II	60	40
		M.E. Mech. Design Engg. जून २०११ पासून	I	18	18
			II	18	13
		M.E. Digital Electronics & Communication System जून २०१३ पासून	I	18	18
36	Mauli College of Education, Wadala. Tal.North Solapur, Dist-Solapur. 413222 Email: maulibed@gmail.com Website:	B.Ed. जून २००७ पासून		100	67
		M.Ed. जून २००९ पासून		35	00
37	Nagesh Karajagi Orchid College of Engineering, Solapur. Gat.No. 16, Solapur, Tujapur Road, Tale Hiparga, Solapur. 413 002	First Year			
		Civil Engg.		120 (60+60)	90

<p>Email: tocetslp@yahoo.co.in website: www.orchidengg.org</p>	Comp. Sci. Engg.	60	51	
	Elect. & Telecom.	60	46	
	Mechanical Engg.	120 (60+30)=90 (90+30)=120	122	
	Electrical Engg.	60	20	
	Second Year			
	Civil Engg.	120 (60+60)	150	
	Comp. Sci. Engg.	60	75	
	Elect. & Telecom.	60	75	
	Mechanical Engg.	120 (60+30)=90 (90+30)=120	150	
	Electrical Engg.	60	75	
	Third Year			
	Civil Engg.	120 (60+60)	127	
	Comp. Sci. Engg.	60	70	
	Elect. & Telecom.	60	74	
	Mechanical Engg.	120 (60+30)=90 (90+30)=120	134	
	Electrical Engg.	60	31	
	Final Year			
	Civil Engg.	120 (60+60)	84	
	Comp. Sci. Engg.	60	63	
	Elect. & Telecom.	60	64	
	Mechanical Engg.	120 (60+30)=90 (90+30)=120	121	
	M.B.A.	I	60	00
		II	60	44
	M.E. (Structural Engg.) जून २०१२ पासून	I	18	16
		II	18	18
	M.E. (C.S.E.) जून २०१२ पासून	I	18	18
		II	18	18
	M.E. (Thermal Engg.) जून २०१३ पासून	I	18	10
M.E. (E. & T.C.) जून २०१३ पासून	I	18	18	
<p>38 A.G.Patil Institute of Technology, Solapur. 18(2A2) Pratapnagar, Soregoan, Tal. North Solapur, Dist Solapur 413 004 Email: contact@agpitsolapur.org Website: www.agpit.org</p>	B.E.			
	First Year प्रथम संल. जून २००८ पासून			
	Mech. Engg.	120 (60+60)	17	
	E. & T.C.	60 (60+60)= 120 (120-60)= 60	08	
	Computer Engg.	60	10	
	Civil Engg. जून २०१० पासून	60	11	
	Second Year नै.विस्तार जून २००९ पासून			
	Mech. Engg.	120 (60+60)	96	
	E. & T.C.	120 (60+60)	55	
	I.T.	60	13	
	Computer Engg.	60	73	
Civil Engg. नै.विस्तार जून २०११ पासून	60	43		

		Third Year नै.विस्तार जून २०१० पासून			
		Mech. Engg.		120 (60+60)	105
		E. & T.C.		120 (60+60)	60
		I.T.		60	25
		Computer Engg.		60	40
		Civil Engg. नै.विस्तार जून २०१२ पासून		60	12
		Fourth Year नै.विस्तार जून २०११ पासून			
		Mech. Engg.		120 (60+60)	89
		E. & T.C.		120 (60+60)	68
		I.T.		60	48
		Computer Engg.		60	66
		Civil Engg. नै.विस्तार जून २०१३ पासून		60	54
		M.E. Manufacturing Process Engg. जून २०१२ पासून	I	18	18
			II	18	18
	Information Technology Branch Closure Part- (I) A.Y. 2013-14	I.T.	I	60	Closure
39 Aided •	Santosh Bhimrao Patil Arts, Science & Commerce College, Mandrup. Tal.South Solapur, Dist-Solapur-413221 Email: sbpcollege@bsnl.in, sbpcollegemandrup@rediffmail.com Website: sbpcollegemandrup.org	*(B.A.-2008) जून २००९ पासून	I	360	279
			II	240	225
			III	120	123
		B.Com. जून २०१० पासून	I	120	57
			II	120	60
			III	120	52
B.Sc. जून २०१३ पासून	I	120	00		
40 Aided •	C.B.Khedgis Basaveshwar Science, Raja Vijaysinh Commerce & Raja Jaysinh Arts College, Akkalkot. Akkalkot, Tal- Akkalkot, Dist. Solapur 413216 Email: cbkcollege@gmail.com Website: www.khedgiscollegeakkalkot.org	*(B.A.)	I	480	485
			II	240	305
			III	120	235
		*(B.Com.)	I	120	105
			II	120	72
			III	120	47
		*(B.Sc.)	I	120	158
			II	120	87
			III	120	47
		B.C.A.	I	60	24
			II	60	27
			III	60	12
		M.A. Kannada	I	50	23
			II	50	09
			New Subject A.Y. 2013-14	B.A.	III
41 •	Matoshri Laxmibai Methre College of Education, Akkalkot. Tal- Akkalkot, Dist. Solapur 413216 Email: LAXMIBAIMHETRE@gmail.com Website: www.mlakkalkot.com	B.Ed.		100	40
42 •	B.B.A. & B.C.A. College, Akkalkot. Shivgiri Jeur Road, Tal- Akkalkot, Dist-Solapur-413216 Email: bcabba_akkalkot@yahoo.com Website: www.bcabbacollege.org	B.C.A.	I	60	04
			II	60	03
			III	60	10
		B.B.A.	I	60	01
			II	60	00
			III	60	14

		B.Sc.(ECS)	I	80	00		
			II	80	00		
			III	80	00		
43	Matoshri Gurubasavva Kalyanshety Women College of Arts & Commerce, Akkalkot. Tal- Akkalkot, Dist-Solapur-413216 Email: gurumahila@rediffmail.com Website: www.mgkakkalkot.org	B.A.	I	120	00		
			II	120	00		
			III	120	00		
		B.Com. सध्या बंद आहे.	I	120	00		
44 Aided	B.P.Sulakhe Commerce College, Barshi. Shivaji Nagar Barshi, Tal Barshi , Dist.- Solapur 413411 Email: prinbpscc@rediffmail.com Website: http://www.bpsccbarshi.org	*(B.Com)	I	200	245		
			II	100	171		
			III	100	118		
		B.C.A.	I	60	57		
			II	60	23		
			III	60	28		
		M.Com	I	50	50		
			II	50	50		
		P.G.D.C.A.		60	25		
		45 Aided	College of Education, Barshi. Tal Barshi Dist.- Solapur 413411 Email: bedbarshi@yahoo.com Website: www.coebarshi.org	*(B.Ed)		80	80
*(B.P.Ed)				60	60		
M.Ed				70	18		
				(25+25)=50 %0'y-0 70.			
M.P.Ed	I			30	30		
	II			30	29		
M.Phil							
46	Dilip College of Physical Education, Khandavi. Khandavi, Tal.-Barshi, Dist-Solapur. 413 411	B.P.Ed		50	00		
47	Jai Jagdamba College of Education, Vairag. 422, Indira Nagar, Vairag, Tal-Barshi, Dist-Solapur. 413402 Email: jjcoe@rediffmail.com Website: www.jagdambabs.org	B.Ed.		200	80		
48 Aided	Rajarshi Shau Law College, Barshi. Tal.-Barshi, Dist-Solapur-413411 Email: rslawbarshi@gmail.com Website: www.rslawcollegebarshi.org	*(LL.B.)	I	60	60		
			II	80	18		
			III	80	14		
		B.A.LL.B.	I	60	31		
			II	60	15		
			III	60	15		
			IV	60	19		
			V	60	18		
		49 Aided	Shri. Shivaji Mahavidyalaya, Barshi. Shivaji Nagar, P.B. No.4 , Barshi. Tal- Barshi, Dist. Solapur Email: ssmb_barshi@rediffmail.com Website: www.ssmbbarshi.org	*(B.A.)	I	600	489
					II	480	340
III	360				211		
*(B.Sc.)	I			360	444		
	II			240	199		
	III			240	188		
M.A. *(Marathi-2010)	I			50	50		
	II			50	22		
*(Hindi-2010)	I			50	38		
	II			50	34		
*(English-2010)	I			50	43		
	II			50	29		
Economics	I			50	26		
	II			50	17		
History	I			50	54		
	II			50	39		
Political Science	I			50	55		
	II			50	26		

		Geography जून २००७ पासून	I	50	27
			II	50	17
		M.Sc. Microbiology जून २००५ पासून	I	24	20
			II	24	16
50	Sojar Arts, Commerce College, Barshi. Tal.-Barshi, Dist-Solapur-413411 Email: saccbarshi@yahoo.co.in Website: www.sojarartscollege.com	B.A. जून २००९ पासून	I	120	00
			II	120	00
			III	120	00
51	Shriman Yogesh Sopal College, Pangari. Tal.-Barshi, Dist-Solapur. Email: ysopal@gmail.com	B.A. जून २००९ पासून.	I	120	00
			II	120	00
			III	120	00
52 Aided	Shriman Bhausaheb Zadbuke Mahavidyalaya, Barshi. P.B.No.16, Zadbuke Marg., Barshi. Tal. Barshi, Dist. Solapur 413401 Email: Principalsbzbmb@rediffmail.com	*(B.A.)	I	360	225
			II	240	152
			III	240	117
		*(B.Sc.)	I	120	119
			II	120	44
			III	120	50
		B.B.A.	I	60	07
			II	60	06
			III	60	09
		B.C.A.	I	60	25
			II	60	27
			III	60	31
53 Aided	Sou. Suvarnlata Gandhi Mahavidyalaya, Vairag. Tal-Barshi, Dist-Solapur-413402 Email: ssgm123@gmail.com Website: www.ssgmv.com	*(B.A.-2008) जून १९९३ पासून	I	360	358
			II	240	222
			III	240	152
		B.C.A. जून २००९ पासून	I	60	00
			II	60	00
			III	60	00
54	Hemuji Chandle Mahavidyalaya, Shelgaon (R). Tal. Barshi, Dist. Solapur. 413222 Email: tuljabhawani@gmail.com Website:	B.Sc.(ECS) जून २००७ पासून	I	60	00
			II	60	00
			III	60	00
		B.Sc. जून २०१० पासून	I	120	27
			II	120	17
			III	120	11
55	Jai Jagdamba M.Ed. College, Vairag. 422, Indira Nagar, Vairag, Tal-Barshi, Dist-Solapur. 413402 Email: jjcoe@rediffmail.com Website: www.jagdambabs.org	M.Ed. जून २००७ पासून		35 (25+10)	32
56	Rajivji Gandhi B.A.B.Ed. Mahavidyalaya, Vairag. 422, Indira Nagar, Vairag, Tal-Barshi, Dist-Solapur. 413402	B.A.B.Ed. जून २००८ पासून		50	00
57	Shri. Sachin T. Patil College of Education, Rui. Tal. Barshi, Dist. Solapur. 413 411 Email: stpbed@yahoo.com Website: www.sdisale.org	B.Ed. जून २००८ पासून		100	37
58	Shri. Swami Samarth College of Education, Barshi. Tal. Barshi, Dist. Solapur 413 411	B.Ed. जून २००९ पासून		100	28
59	Shri. Swami Samarth M.Ed. College, Barshi. Tal. Barshi, Dist. Solapur 413 411	M.Ed. जून २००९ पासून		35 (25+10)	18
60	Jai Jagdambha Varishtha Vidyan Mahavidyalaya, Vairag. 422, Indira Nagar, Tal. Barshi, Dist. Solapur.	B.Sc. जून २००९ पासून	I	120	00
			II	120	00
61	Jai Jagdambha B.C.A. Mahavidyalaya, Vairag. 422, Indira Nagar, Tal. Barshi, Dist. Solapur	B.C.A. जून २००९ पासून	I	60	00

62	<p>Shriman Bhausaheb Zadbuke Women College of Education, Barshi, Plot No.1551/1/29, Subhash Nagar, Barshi. Tal. Barshi, Dist. Solapur 413401 Email: principalsbzmb@rediffmail.com Website: www.bhausahebzadbukebedcollegebarshi.com</p>	<p>B.Ed. जून २००९ पासून</p>		100	00
63	<p>College of Engineering, Vairag. Gat No.67, A/P- Sasure. Tal: Barshi, Dist: Solapur. Email:collegeofengineeringvairag@gmail.com Website: www.coevairag.org</p>	<p>B.E. जून २०१० पासून First Year</p>			
		C.S.E.		60	00
		Mech. Engg.		60	04
		E. & T.C.		60	00
		Civil Engg.		60	03
		<p>Second Year नै.विस्तार शै.वर्ष २०१२-१३ पासून</p>			
		C.S.E.		60	07
		Mech. Engg.		60	51
		E. & T.C.		60	11
		Civil Engg.		60	22
		<p>Third Year नै.विस्तार शै.वर्ष २०१२-१३ पासून</p>			
		C.S.E.		60	08
		Mech. Engg.		60	52
		E. & T.C.		60	07
		Civil Engg.		60	12
		<p>Final Year नै.विस्तार शै.वर्ष २०१३-१४ पासून</p>			
		C.S.E.		60	05
		Mech. Engg.		60	37
		E. & T.C.		60	01
		Civil Engg.		60	01
64	<p>Bhagwant Institute of Technology, Barshi. Gat No. 1242/2, Tad Saundane Road, Barshi. Tal: Barshi, Dist: Solapur. Email: bitbarshi@yahoo.com</p>	<p>B.E. जून २०११ पासून First Year</p>			
		Mech. Engg.		120 (60+60)	30
		Civil Engg.		60	07
		E. & T.C.		60	06
		C.S.E.		60	09
		<p>Second Year नै.विस्तार शै.वर्ष २०१२-१३ पासून</p>			
		Mech. Engg.		120 (60+60)	47
		Civil Engg.		60	34
		E. & T.C.		60	29
		C.S.E.		60	27
		Electrical Engg.		60	06
		<p>Third Year नै.विस्तार शै.वर्ष २०१३-१४ पासून</p>			
		Mech. Engg.		60	21
		Civil Engg.		60	08
		E. & T.C.		60	10
		C.S.E.		60	04
		Electrical Engg.		60	04
		<p>M.E. (Manufacturing Engg.) जून २०१३ पासून</p>	I	18	18

	<u>Direct Second Year New Div. First Affi. A.Y.2012-13. Closure A.Y. 2013-14</u>	<u>Mech. Engg.</u>	<u>II</u>	<u>60</u>	<u>Direct Second Year New Div. First Affi. A.Y.2012-13.</u>
		<u>Mech. Engg.</u>	<u>III</u>	<u>60</u>	<u>(N.G.) A.Y. 2013-14</u>
	<u>Electrical Engg. Branch Closure Part- (I) A.Y. 2013-14</u>	<u>Electrical Engg.</u>	<u>I</u>	<u>60</u>	
65 Aided •	Bharat Mahavidyalaya, Jeur (Cr .Railway). Tal-Karmala, Dist-Solapur-413202 Email: bharatmjeur@sancharnet.in bharatmjeur_2007@rediffmail.com Website:	*(B.A.)	I	240	198
			II	120	144
			III	120	104
		B.Com.	I	120	00
			II	120	00
			III	120	00
66 Aided •	Yashvantrao Chavan Mahavidyalaya, Karmala. Tal-Karmala, Dist-Solapur-413203 Email: ycmkbile@yahoo.co.in Website: www.ycmkcollegekarmala.org	*(B.A.)	I	360	480
			II	360	312
			III	240	188
		*(B.Com.)	I	120	141
			II	120	95
			III	120	63
		M.A. English	I	40	00
			II	40	00
		Marathi	I	40	00
			II	40	00
		Hindi	I	40	00
			II	40	00
67 Aided •	Pratapsinh Mohite-Patil Mahavidyalaya, Karamala. Tal. Karamala. Dist. Solapur 413 203 Email: pmpcollege123@yahoo.com Website: www.pmpmahavidyalaya.co.in	B.Sc.	I	120	122
			II	120	79
			III	120	40
68 •	Dr.P.D.Patil College of Computer Science & Management Studies, Zare. Tal- Karmala, Dist.Solapur 413 203 Email: pdpczare@gmail.com	B.C.A.	I	60	22
			II	60	12
			III	60	27
		P.G.D.C.A.		60	22
69 •	Ranjitsinh Mohite-patil Mahavidyalaya, Karmala. Tal- Karmala, Dist- Solapur. 413 203 Email: rmpm.karmala@gmail.com Website: rmpm_karmala.org	B.C.A.	I	60	00
			II	60	10
			III	60	04
		B.B.A.	I	60	00
			II	60	00
			III	60	00
		B.Sc.(ECS)	I	80	00
			II	80	00
			III	80	00
70 •	Ardhnari Nateshwar Mahavidyalaya, Velapur. Tal-Malshiras, Dist-Solapur-413113 Email: ancvelapur@yahoo.co.in Website:	B.A.	I	120	89
			II	120	54
			III	120	57
71 •	Mahatma Phule College of Education, Akluj. Tal-Malshiras, Dist-Solapur. 413 101 Email: mpceakluj@yahoo.com Website: www.mpceakluj.com	B.Ed.		100	38
72 Aided •	Shankarrao Mohite Mahavidyalaya, Akluj. Tal- Malshiras, Dist.Solapur. 413 101 Email: smmakj@yahoo.com dr.abasaheb_deshmukh@rediffmail.com website: www.smmakluj.com	*(B.A.)	I	720	657
			II	600	442
			III	480	285
		*(B.Com.)	I	240	240
			II	120	185
			III	120	141
		*(B.Sc.)	I	240	371
			II	120	150
			III	120	144
		M.A. (Hindi) जून २००५ पासून	I	50	34
			II	50	15

		M.A. (English)	I	50	55	
			II	50	26	
		M.A. (History)	I	50	50	
			II	50	16	
		M.Sc. (A. & P)	I	24	26	
			II	24	21	
		M.Sc. (Electronics)	I	24	25	
			II	24	22	
	New Subject A.Y. 2013-14	B.Sc.	III	Mathematics		
73 Aided •	Vijaysinh Mohite Patil Mahavidyalaya, Natepute. Tal Malshiras, Dist-Solapur 413 109 Email: vmp_college@yahoo.co.in Website: www.vmpmahavidyalaya.co.in	*(B.A. 2013)	I	360	359	
			II	240	253	
			III	240	169	
		B.Sc.	I	120	120	
			II	120	85	
			III	120	22	
		B.Sc.(ECS)	I	80	08	
			II	80	04	
			III	80	11	
		B.C.A.	I	60	30	
			II	60	21	
			III	60	21	
74 •	Sameer Gandhi Arts College, Malshiras. Tal-Malshiras, Dist-Solapur.413 107 Email: malshiras@rediffmail.com Website: www.malshiras.com	B.A.	I	120	54	
			II	120	13	
			III	120	40	
75 •	Greenfingers College of Computer & Technology, Akluj. Shankar nagar, Akluj, Tal-Malshiras, Dist-Solapur. 413 118 Email: gfc_akluj@yahoo.com Website: www.greenfinger.in	B.C.A.	I	120	94	
			II	60	55	
			III	60	41	
		B.Sc.(ECS)	I	160	77	
			II	80	59	
			III	80	51	
		M.C.A.	I	60	21	
			II	60	38	
			III	60	57	
		M.Sc. (Com. Sci)	I	20	18	
			II	20	20	
		76 •	Shriram Institute of Information Technology, Paniv. Tal. Malshiras Dist. Solapur 413113 Email: siitpaniv@gmail.com Website: www.siitpaniv.org	B.C.A. जून २००८ पासून	I	60
II	60				17	
III	60				30	
B.Sc.(ECS) जून २००८ पासून	I			80	47	
	II			80	20	
	III			80	24	
M.Sc. (Com. Sci) जून २००८ पासून	I	30	24			
	II	30	23			
77	College of Pharmacy, Akluj. Tal. Malshiras , Dist-Solapur 413 113 Email: prashantbodhe6399@gmail.com Website: www.copakluj.com	B.Pharm.	I	60	56	
			II	60	72	
			III	60	66	
			IV	60	44	
78 •	Rajsinh Mohite - Patil Institute of Managment Studies, Akluj. Tal. Malshiras.Dist. Solapur. 413118 Email: rmpmanagement@email.com rmp_akluj2009@rediffmail.com website: rmp.org.in	B.B.A. जून २००९ पासून	I	60	56	
			II	60	48	
			III	60	36	
		D.B.M. जून २०१० पासून		60	10	
79	Shriram Institute of Engineering & Technology Center, Paniv. Tal: Malshiras, Dist: Solapur.413 113 Email: principalsietc@gmail.com Website: www.sietcpaniv.org	B.E. प्रथम संल. शै.वर्ष २०१०-११ First Year				
		Civil Engg.		60	03	
		C.S.E.		60	06	
		E. & T.C.		60	05	
		Mech. Engg.		60	19	

		I.T. Close A.Y. 2013-14	--	--	
		Second Year नै.वि. शै.वर्ष २०११-१२ पासून			
		Civil Engg.	60	30	
		C.S.E.	60	24	
		E. & T.C.	60	13	
		Mech. Engg.	60	72	
		I.T. Close A.Y. 2013-14	--	--	
		Third Year नै.वि. शै.वर्ष २०१२-१३ पासून			
		Civil Engg.	60	05	
		C.S.E.	60	09	
		E. & T.C.	60	11	
		Mech. Engg.	60	37	
		I.T. Close A.Y. 2013-14	--	--	
		Final Year नै.वि. शै.वर्ष २०१३-१४ पासून			
		Civil Engg.	60	04	
		C.S.E.	60	12	
		E. & T.C.	60	03	
		Mech. Engg.	60	08	
		M.E. (Mech. Engg.) जून २०१३ पासून	1	18	
		M.E. (C.S.E.) जून २०१३ पासून	1	18	
80	Sahakar maharshi Shankarrao Mohite-Patil Institute of Technology & Research, Shankar nagar- Akluj. Post- Yeshwant nagar, P.O. Box No.5, Tal: Malshiras, Dist:Solapur.413 118. Email: smpcht@gmail.com Website: www.smsmpitr.org	B.E. जून २०११ पासून First Year			
		Mech. Engg.	60	37	
		Civil Engg.	60	15	
		E. & T.C.	60	16	
		C.S.E.	60	19	
		Electrical Engg.	60	10	
		Second Year नै.वि. शै.वर्ष २०१२-१३ पासून			
		Mech. Engg.	60	26	
		Civil Engg.	60	11	
		E. & T.C.	60	04	
		C.S.E.	60	08	
		Electrical Engg.	60	15	
		Third Year नै.वि. शै.वर्ष २०१३-१४ पासून			
		Mech. Engg.	60	18	
		Civil Engg.	60	06	
		E. & T.C.	60	02	
		C.S.E.	60	06	
		Electrical Engg.	60	05	
81 Aided •	Shri. Sant Damaji Mahavidyalaya, Mangalwedha. Tal- Mangalwedha, Dist-Solapur-413305 Email: ssdmangalwedha@gmail.com ssdm@sancharnet.in Website:	* (B.A.)	I	240	563
			II	240	349
			III	120	240
		* (B.Com.)	I	120	143
			II	120	81
			III	120	76
		B.C.A.	I	60	00
			II	60	00
			III	60	00
82 •	Parvati Tad College of Education, Mangalwedha. Tal. Mangalwedha, Dist. Solapur. 413 305 Email: parvatitad@yahoo.co.in Website: www.parvatibhau.org	B.Ed.		100	52

83 •	Madansinh Mohite Patil Science College, Mangalwedha. Tal. Mangalwedha, Dist. Solapur. 413 305 Email: mmpsci2009@gmail.com	B.Sc. जून २००९ पासून	I	120	120
			II	120	65
			III	120	42
84 •	Shri. Vishweswarayya Commerce College, Mangalwedha. Shishuvihar, Damaji Sugar mil Road, Durgamata Nagar, Mangalwedha. Tal. Mangalwedha, Dist. Solapur.	B.Com. जून २००९ पासून	I	120	00
			II	120	00
			III	120	04
85 Aided •	Baburao Patil College of Arts & Science, Angar. Tal- Mohol, Dist-Solapur-413214 Email: bpcasangar@gmail.com Website: bpcasangar.org	B.A.	I	120	97
			II	120	65
			III	120	56
		B.Sc.	I	120	120
			II	120	66
			III	120	48
B.Sc.(ECS)	I	80	00		
86 Aided •	Deshbhakta Sambajirao Garad Mahavidyalaya, Mohol. Post Box No.9, Mandrup Highway No.149, Tal-Mohol, Dist-Solapur-413213 Email: dsgcm@yahoo.co.in, dsgarad@gmail.com dsgcm@sancharnet.in website: garadshikshanmandal.org	B.A.	I	360	360
			II	240	206
			III	240	140
		B.C.A.	I	60	00
			II	60	00
			III	60	00
		B.Com.	I	120	85
			II	120	90
			III	120	37
87 Aided •	Arts & Commerce College, Madha. Tal- Madha, Dist. Solapur 413209 Email: accmadha@yahoo.com, accmadha@sancharnet.in Website:	*(B.A.)	I	120	159
			II	120	89
			III	120	100
		*(B.Com.)	I	120	63
			II	120	56
			III	120	48
88 Aided •	K.N.Bhise Arts & Commerce College, Kurduwadi. Tal. Madha, Dist. Solapur 413208 Email: knbacck@yahoo.co.in. Website: www.knbacck.com	*(B.A.)	I	360	345
			II	360	256
			III	120	208
		*(B.Com.)	I	120	38
			II	120	14
			III	120	22
		B.Sc.	I	120	147
			II	120	83
			III	120	66
89 Aided •	Marutirao Harirao Mahadik College of Arts & Commerce, Modnimb. Tal-Madha, Dist-Solapur-413301 Email: mhmmmodnimb Website: www.mhmmmodnimb.info	*(B.A.-2008)	I	240	225
			II	120	177
			III	120	98
90 Aided •	Vitthalrao Shinde Arts College, Temburni. Tal-Madha, Dist-Solapur-413211 Email: prinvsact@gmail.com Website: www.vsacollege.org	*(B.A.-2012)	I	240	201
			II	120	144
			III	120	87
91 •	Karmayogi Babanraoji Shinde College, Kurduwadi. Tal – Madha, Dist.Solapur 413 208	B.Sc.	I	120	00
			II	120	00
			III	120	00
92 •	Babanraoji Shinde College of Educaiton, Modnimb. Tal. Madha, Dist. Solapur , 413301 Website: www.babanraoashinde.com	B.Ed. जून २००८ पासून		100	40
93 •	Shikshanshastra Mahavidyalaya, Madha. Madha-ShetaphalRoad, Madha. Tal. Madha, Dist. Solapur 413 209 Email: stbssv@gmail.com	B.Ed. जून २००६ पासून		100	42
94 •	L.P.S. Master College of Education, Madha. Madha-Shetaphal Road, Madha. Tal. Madha, Dist. Solapur 413 209 Email: stbssv@gmail.com	M.Ed. जून २००९ पासून		35 (25+10)	00

95	B.B.A. & B.C.A. College, Madha. Tal. Madha, Dist- Solapur. 413 209 Email: admin@bbabccollege.org, prin.bca@gmail.com Website: www.bbabcacollege.org	B.B.A. जून २००९ पासून	I	60	00
		B.C.A. जून २००९ पासून	I	60	00
			II	60	00
			III	60	16
96	College of Engineering, Pandharpur. Gopalpur-Ranjani Road, Gopalpur, P.B.No. 54, Tal-Pandharpur Dist.Solapur 413304 Email: coe_pan@rediffmail.com Website: www.sveri.ac.in	First Year			
		*(C.S.E.)		120 (60+30) (90+30)	49
		*(Mech. Engg.)		120	123
		*(E. & T.C. Engg.)		120 (60+30) (90+30)	78
		Civil Engg. जून २००८ पासून		60	63
		Information Tech. जून २००८ पासून		60	08
		Second Year			
		*(C.S.E.)		120 (60+30) (90+30)	149
		*(Mech. Engg.)		120	154
		*(E. & T.C. Engg.)		120 (60+30) (90+30)	150
		Civil Engg. जून २००९ विस्तार		60	75
		Information Tech. जून २००९ विस्तार		60	25
		Third Year			
		*(C.S.E.)		120 (60+30) (90+30)	96
		*(Mech. Engg.)		120	136
		*(E. & T.C. Engg.)		120 (60+30) (90+30)	139
		Civil Engg. जून २०१० विस्तार		60	39
		Information Tech. जून २०१० विस्तार		60	16
		Final Year			
		*(C.S.E.)		120 (60+30) (90+30)	132
		*(Mech. Engg.)		120	124
		*(E. & T.C. Engg.)		120 (60+30) (90+30)	111
		Civil Engg. जून २०११ विस्तार		60	38
		Information Tech. जून २०११ विस्तार		60	66
		M.B.A. जून २००८ पासून	I	60	19
			II	60	17
		M.E. Mechanical Design जून २००८ पासून	I	18	18
			II	18	17
		M.E. E. & T.C. Engg. जून २०१० पासून	I	18	15
			II	18	16
		M.E. Civil Structural Engg. जून २०११ पासून	I	18	16
			II	18	12

		M.E. C.S.E. जून २०११ पासून	I	18	18
			II	18	18
		M.E. Mech. (CAD/CAM) Engg. जून २०११ पासून	I	18	11
			II	18	15
97 Aided •	Karmaveer Bhaurao Patil Mahavidyalaya , Pandharpur. Tal-Pandharpur, Dist-Solapur-413304 Email: kbp_pandharpur@rediffmail.com spr_kbpitc@sancharnet.in website: www.kbpcollegepandharpur.com	*(B.A.)	I	720	643
			II	600	480
			III	360	360
		*(B.Com.)	I	240	218
			II	240	195
			III	120	167
		*(B.Sc.)	I	360	460
			II	120	271
			III	120	120
		B.Sc. (ECS)	I	80	46
			II	80	25
			III	80	25
		B.Sc. (Comp.Sci)			
		B.C.A.	I	60	08
			II	60	10
			III	60	00
		M.A. Marathi	I	50	37
			II	50	22
		M.A. History	I	50	50
			II	50	34
		M.A. English	I	50	31
			II	50	24
		M.A. Hindi	I	50	26
			II	50	17
		M.A. Economics	I	50	35
			II	50	26
		M.A. Geography	I	50	40
II	50		43		
M.Com.	I	50	19		
	II	50	01		
M.Sc. Analetical Chem.	I	20	20		
	II	20	28		
98 Aided •	Uma Mahavidyala, Pandharpur. Tal- Pandharpur, Dist-Solapur. 413 304 Email: uma_maha@rediffmail.com umamaha@sancharnet.in Website:	*(B.A.)	I	360	285
			II	240	180
			III	240	125
		*(B.Com.)	I	240	118
			II	120	80
			III	120	62
		B.C.A.	I	60	16
			II	60	02
			III	60	00
B.B.A. जून २००८ पासून	I	60	00		
	II	60	00		
	III	60	00		
99 •	Karmaveer Audumbar Patil Law College, Pandharpur. Old Karahd Naka, Manisha Nagar Road, Pandharpur. Tal-Pandharpur, Dist-Solapur-413304 Email: kaplawcollege@gmail.com Website: www.kaplaw.org	Pre Law जून २००२ पासून	I	60	00
			II	80	02
			III	80	05
			IV	80	12
			V	80	06
		LL.B. जून २००२ पासून	I	60	00
			II	80	07
			III	80	11

100	College of Pharmacy, Pandharpur. Gopalpur-Ranjani Road, P.B.No. 54, Tal-Pandharpur Dist.Solapur 413304 Email: cop_pan@rediffmail.com Website: www.sveri.ac.in	B.Pharm.	I	60	60	
			II	60	76	
			III	60	71	
			IV	60	67	
		M.Pharm. Pharmaceutics जून २०१० पासून	I	18	13	
			II	18	13	
		Quality Assurance जून २०११ पासून	I	18	00	
			II	18	02	
Pharmaceutical Chem. जून २०११ पासून	I	18	03			
	II	18	00			
	<u>Closure Part- (I & II) A.Y. 2013-14</u>	<u>M.Pharm.</u> <u>(pharmacoqnasys)</u> जून २०१० पासून	<u>I</u>	<u>18</u>	<u>Closure</u>	
			<u>II</u>	<u>18</u>		
101	Baliramdada Bansode College of Education, Chale. Tal. Pandharpur Dist. Solapur 413304 Email: bbsmcollege@gmail.com Website: www.ssvbspmc.org	B.Ed.		100	42	
102	Uma College of Education, Pandharpur. Tal- Pandharpur, Dist-Solapur. 413304 Email: umabed1@rediffmail.com Website: umashikshansankul.org	B.Ed. जून २००८ पासून		100	64	
103	Yashwantbhau Patil Arts College, Bhose. Tal.Pandharpur, Dist.Solapur. 413315	B.A. जून २००८ पासून	I	120	00	
			II	120	00	
			III	120	20	
104	Rukmini College of Education, Chale. Tal- Pandharpur, Dist-Solapur.	B.Ed. जून २००९ पासून		100	00	
105	Shri. Vitthal College of Education, Venunagar, (Gursale). Tal- Pandharpur, Dist. Solapur. 413 304 Email: vitthalbed@gmail.com. Website: www.vitthaleducationcollege.com	B.Ed. जून २००९ पासून		100	22	
106	Shri. Vithal M.Ed. Mahavidhalaya, Venunagar (Gursale) Tal- Pandharpur, Dist. Solapur. 413 304 Email: vitthalbed@gmail.com. Website: www.vitthaleducationcollege.com	M.Ed. जून २००९ पासून		35 (25+10)	00	
107	Karmayogi College of Engineering, Shelave. Tal- Pandharpur, Dist-Solapur 413 304 Email: kecmailbox@rediffmail.com Website: www.kecpandharpur.com	B.E. जून २००९ पासून First Year				
		Civil Engg.		60	19	
		E. & T.C.		120 (60+60)	28	
		C.S.E.		60	20	
		Mech. Engg.		120 (60+60)	71	
		Second Year नै.वि.- शे.वर्ष २०१०-११ पासून				
		Civil Engg.		60	24	
		E. & T.C.		120 (60+60)	23	
		C.S.E.		60	27	
		Mech. Engg.		120 (60+60)	38	
		Third Year नै.वि.- शे.वर्ष २०११-१२ पासून				
		Civil Engg.		60	25	
		E. & T.C.		120 (60+60)	37	
		C.S.E.		60	31	
		Mech. Engg.		120 (60+60)	96	

		Final Year नै.वि.- शै.वर्ष २०१२-१३ पासून			
		Civil Engg.		60	29
		E. & T.C.		120 (60+60)	50
		C.S.E.		60	57
		Mech. Engg.		120 (60+60)	105
108	New Satara College of B.C.A., Pandharpur. New Solapur Road, in front of Reliance Petrol Pump, Pandharpur. Tal- Pandharpur, Dist-Solapur 413 304 Email: newsatara047@rediffmail.com newsatara47@yahoo.com Website: www.newsataracollegeofbca.com	B.C.A. जून २००९ पासून	I	60	29
			II	60	17
			III	60	13
109	Institute of Computer & Management Studies, Kasegaon. Old Pandharpur-kasegaon road, Tal- Pandharpur, Dist-Solapur. 413 304 Email: SVIP@gmail.com	B.C.A. जून २००९ पासून	I	60	41
			II	60	28
			III	60	29
		B.Sc.(ECS) जून २००९ पासून	I	80	38
			II	80	11
			III	80	06
110	Sunrise College of Management, Pandharpur. Tal- Pandharpur, Dist-Solapur. 413 304 Email : pawarminal@ymail.com	B.B.A. जून २००९ पासून	I	60	00
		B.C.A. जून २००९ पासून	I	60	00
111	Rajaram Bhosale College of Education, Karole. Tal: Pandharpur, Dist: Solapur.413304 Email: bahirem@gmail.com Website: www.rajarambhosale.com	B.Ed. जून २०१० पासून		100	53
112	S.K.N. Sinhgad College of Engineering, Korti. Tal: Pandharpur, Dist: Solapur.413304 Email: pricipalsknscoe@spspm.org Website: www.spspm.org	B.E. प्र.संल. शै.वर्ष २०१०-११ पासून			
		First Year			
		Electrical Engg.		60	17
		Civil Engg.		60	32
		Mech. Engg.		180 (60+60=120) (120+60=180)	111
		E. & T.C.		120 (60+60)	37
		C.S.E.		60	24
		Second Year नै.वि. शै.वर्ष २०११-१२ पासून			
		Electrical Engg.		60	75
		Civil Engg.		60	75
		Mech. Engg.		120 (60+60)	153
		E. & T.C.		120 (60+60)	105
		C.S.E.		60	74
		Third Year नै.वि. शै.वर्ष २०१२-१३ पासून			
		Electrical Engg.		60	47
		Civil Engg.		60	48
		Mech. Engg.		120 (60+60)	133
		E. & T.C.		60	66
		C.S.E.		60	62
		Final Year नै.वि. शै.वर्ष २०१३-१४ पासून			
		Electrical Engg.		60	31
		Civil Engg.		60	31
		Mech. Engg.		60	60
		E. & T.C.		60	56
		C.S.E.		60	63

	Second Shift	Mech. Engg.	I	120 (60+60)	46
			II	60	68
		M.E. (Electronics Engg.) जून २०१२ पासून	I	24	24
			II	24	24
		M.E. (Design Engg.) जून २०१२ पासून	I	24	24
			II	24	24
		M.E. (C.S.E.) जून २०१३ पासून	I	24	24
	M.E. (Structural Engg.) जून २०१३ पासून	I	24	24	
113	S.K.N. Sinhgad Business School, Korti. Tal: Pandharpur, Dist: Solapur. 413304 Email: director.sknsbs@spspm.org infosknsbs@spspm.org Website: www.spspm.org	M.B.A. जून २०१० पासून	I	180 (120+60)	42
			II	180 (120+60)	66
114	Sinhgad Institute of Computer Sciences, Korti. Tal: Pandharpur, Dist: Solapur. 413304 Website: www.spspm.org	M.C.A. जून २०१० पासून	I	300 (120+60=180) (180+120=300)	01
			II	300 (120+60=180) (180+120=300)	46
			III	180 (120+60)	141
115	New Satara College of Management, Korti. Tal: Pandharpur, Dist: Solapur.413304 Email: newsatara047@rediffmail.com Website: www.newsataramgmt.com	M.B.A. जून २०१० पासून	I	60	00
			II	60	00
116	Kai.Amdar Kakasaheb Salunke-Patill Arts & Science College, Jawale. Tal-Sangola, Dist-Solapur. Email: jawalacollege@gmail.com Website: www.kspcollege.com	B.A.	I	120	00
			II	120	00
			III	120	21
		B.B.A.	I	60	00
117 Aided	Sangola College, Sangola. Tal- Sangola, Dist.- Solapur 413307 Email: prinpspgl@gmail.com	*(B.A.) जून १९७८ पासून	I	240	261
			II	240	187
			III	240	126
		*(B.Com.) जून १९८१ पासून	I	120	81
			II	120	42
			III	120	52
		*(B.Sc.) जून १९९१ पासून	I	240	250
			II	120	179
			III	120	136
		B.C.A. जून २००३ पासून	I	180	65
			II	180	49
			III	180	90
		B.Sc.(ECS) जून २००० पासून	I	240	110
			II	240	126
			III	240	137
		B.B.A. जून २००९ पासून	I	60	00
			II	60	00
III	60		00		
MA. Marathi जून १९९५ पासून	I	50	34		
	II	50	24		

		Hindi जून १९९५ पासून	I	50	14
			II	50	12
		M.Sc. (Comp.Sci) जून २००५ पासून	I	60	44
			II	60	63
		M.C.A. जून २०१० पासून	I	60	52
			II	60	56
			III	60	50
118 Aided •	Vidnyan Mahavidyalaya, Sangola. Tal- Sangola, Dist.- Solapur 413307 Email: vidnyanms@yahoo.co.in Website: www.vmsangola.org	*(B.Sc.)	I	240	261
			II	240	148
			III	120	106
		*(B.A.)	I	480	417
			II	360	263
			III	240	201
		B.Sc.(ECS)	I	80	36
			II	80	17
			III	80	13
		B.C.A.	I	180	51
			II	60	15
			III	60	12
		B.B.A.	I	60	00
		M.A. English	I	40	20
II	40		15		
M.Sc. (Comp. Sci.)	I	25	18		
	II	25	30		
M.C.A. जून २०१२ पासून	I	40	05		
	II	40	17		
119 •	Shrimati. Kashibai Navale College of Education, Kamlapur. Tal. Sangola, Dist. Solapur. 413307 Email: navalecollege@gmail.com Website: www.spspm.org	B.Ed.		100	84
120	Sinhgad Institute of Business Management , Kamlapur. Tal. Sangola, Dist. Solapur. 413307 Email: sibmmca1@gmail.com sibmmba1@gmail.com Website: www.spspm.org	M.B.A.	I	120 (60+60)	24
			II	120 (60+60)	30
		M.C.A.	I	120 (60+60)	00
			II	120 (60+60)	33
			III	120 (60+60)	117
121	Sahyadri College of Pharmacy, Methawade. Tal. Sangola, Dist. Solapur 413307 Email: sahydrisangola@yahoo.co.in / @gmil.com Website: www.sahyadripharmacy.org	B.Pharm	I	60	36
			II	60	51
			III	60	61
			IV	60	40
		M.Pharm. Pharmaceutics	I	18	04
			II	18	11
		Pharmaceutical Chemistry	I	18	01
II	18		00		
122 •	Mandesh Mahavidyalaya, Junoni. Tal. Sangola, Dist. Solapur. Email: tkolekar79@gmail.com	B.A. जून २००९ पासून	I	120	120
			II	120	88
			III	120	51
		B.Com. जून २००९ पासून	I	120	00
123 •	Mahatma Phule College of Education, Sangola. Vasud Road, Tal. Sangola, Dist. Solapur. 413307 Email: mahatmaphulebedsangola@rediffmail.com dbborade_@yahoo.com Website: shivaispmsangola.org	B.Ed.		100	84

124	<p>Fabtech Technical Campus, College of Engineering & Research, Sangola. P.B.No.04, Pandharpur Road, Gate No.565/1, Sangola. Tal: Sangola, Dist: Solapur. 413 307 Email: ftc.coer@gmail.com fabtech.pune@gmail.com Website: www.fabtecheducation.com</p>	B.E. जून २०११ पासून First Year				
		Mech. Engg.	120	83		
		Civil Engg.	60	25		
		E. & T.C.	60	39		
		Electrical Engg.	60	27		
		C.S.E.	60	14		
		Second Year नै.वि. शै.वर्ष २०१२-१३ पासून				
		Mech. Engg.	120	150		
		Civil Engg.	60	58		
		E. & T.C.	60	49		
		Electrical Engg.	60	56		
		C.S.E.	60	26		
		Third Year नै.वि. शै.वर्ष २०१३-१४ पासून				
		Mech. Engg.	120	98		
		Civil Engg.	60	35		
		E. & T.C.	60	52		
		Electrical Engg.	60	23		
		Direct Second Year New Div. First Affi. A.Y.2012-13.	E. & T.C.	II	60	00
				III	60	06
		M.E. (Mech. Engg.) जून २०१३ पासून	I	24	15	
	M.E. (Electrical Engg.) जून २०१३ पासून	I	24	24		

Enclosure - IX



SOLAPUR UNIVERSITY, SOLAPUR

Enclosure-IX : to point no.17. Profile of the University

List of P.G. Courses offered on the Campus of University

Sr.No	Name of the School	Name of the Programme
1)	School of Chemical Sciences	M. Sc Polymer Chemistry
		M. Sc Organic Chemistry
		M. Sc Industrial Chemistry
2)	School of Computational Sciences	M. Sc Mathematics
		M. Sc Statistics
		Master of computer Applications (MCA)
		M. Sc Computer Science
3)	School of Earth Sciences	M. Sc Applied Geology
		M. Sc -Geoinformatics
		M. Sc Environmental Science
4)	School of Physical Sciences	M. Sc Applied Electronics
		M. Sc Electronics (Comm.Sci)
		M. Sc Material Science
5)	School of Social Sciences	M. A A.I.H.C.& A.
		M. A Rural Development
		M.A. App. Economics
		M..A. Mass Communication
6)	School of Commerce & Management	M.Com.
7)	School of Education	Master of Education

List of M.Phil Courses offered on the Campus of University

Sr. No.	Subjects
1	Chemistry
2	Physics
3	Geology

List of Ph.D. Courses offered on the Campus of University

Sr. No.	Name of Schools	Subjects
1	School of Chemical Sciences	Chemistry
2	School of Physical Sciences	Physics
		Electronics
3	School of Earth Sciences	Geology
		Geo-informatics
		Environmental Science
4	School of Social Sciences	Journalism & Mass Communication
		Economics
		Rural Development
		A.I.H.C.&A.
5	School of Computational Sciences	Computer Science
		Statistics
		Mathematics
6	School of Commerce and Management	Commerce
7	School of Education	Education

List of Courses offered by the Janvikas Kendra

Para Medical Courses

1. Certificate Course in Operation Theatre Assistant
2. Certificate Course in Health Assistant
3. Certificate Course in Medical Lab Technician
4. Certificate Course in X-Ray Technician
5. Certificate Course in CT-Scan Technician
6. Certificate course for Laser and Cosmetology for skin Technician
7. Certificate course in Technician in MDA (Microdermabrasion) & Chemical Peels
8. Certificate course in Cosmetology Front Desk Management
9. Certificate course in Technician in Laser Hair Removal

Technical Courses

10. Certificate Course in Diesel Machanic
11. Certificate Course in Motar Mechanic
12. Certificate Course in Wireman.

Computer Courses

13. Certificate Course in Tally
14. Certificate Course in Office Automation

Other Courses

15. Certificate Course in Spoken English
16. Certificate Course in Dress Design
17. Certificate Course in Montessory Teacher (Marathi Medium)
18. Certificate Course in Montessory Teacher (English Medium)
19. Certificate Course in Montessory Teacher (Urdu Medium)
20. Certificate Course in Library Mangement
21. Certificate Course in Journalism & Mass-Communication
22. Certificate Course in Sugam Sangit
23. Certificate Course in Advance Sugam Sangit
24. Certificate Course in Tourism
25. Certificate Course in Museum Studies
26. Certificate Course in Digital Journalism
27. Certificate Course in E-Commerce
28. Diploma in Supply Chain Management (Techno Commercial)
29. Diploma in Foreignstic Accounting
30. Diploma in Fraud Risk Management
31. Certificate Course in Plant Tissue Culture
32. Online Certificate Course for College Teachers career

Enclosure - X



SOLAPUR UNIVERSITY, SOLAPUR

Enclosure-X : to point no.20.b. Profile of the University

राष्ट्रीय अध्यापक शिक्षा परिषद्
(भारत सरकार का एक विधिक संस्थान)
पश्चिम क्षेत्रीय समिति



NCTE

National Council for Teacher Education
(A Statutory Body of the Government of India)
Western Regional Committee

TO BE PUBLISHED IN THE GAZETTE OF INDIA – PART-III, SECTION-IV

No.WRC/5-6/89/2006/ C-11973
27th September, 2006
05/09/07

ORDER

The institutions mentioned in the table under para 3 below had submitted applications to the Western Regional Committee of National Council for Teacher Education for grant of recognition to B.Ed. and M.Ed. in terms of Section 14(1) and 15(1) of NCTE Act, 1993, among others.

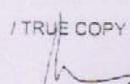
2. The WRC at its 89th meeting held from 27th September, 2006 at Bhopal considered applications of the institutions included in the Agenda for the meeting and after careful examination of relevant documents, Visiting Team Reports, Video Recording etc. and the institutions compliance reports on deficiencies found the institutions mentioned in para 3 below fit for grant of recognition of the courses and intake mentioned against their names.

3. Now, therefore, in exercise of powers conferred under Section 14(3)(a) of the NCTE Act, 1993, the Regional Committee hereby grants recognition to these institutions from the session 2006-2007 for the course and intake mentioned against their names and addresses shown as under.

S.NO.	MIS/NCTE CODE	NAME AND ADDRESS OF THE INSTITUTION	COURSE	APPROVED INTAKE
1.	APW02005/123290	SHRI SHANKARLAL AGRAWAL SHIKSHAN MAHAVIDYALAYA, LOKTANTRA BAHUDESHIYA PRACHAR SANSTHA, NANGPURAMURRI, BEHIND HARIKASHI NAGAR, GONDIA	B.ED.	100
2.	APW03437/123403	RAHUL B.ED. COLLEGE (ENGLISH MEDIUM), C/O MOTHER MARYS JR. COLLEGE, NAVGHAR ROAD, BHAYANDAR (E), THANE	B.ED. (ENGLISH)	100
3.	APW03499/123417	UTTAMRAO DAHAKE SHIKSHAN MAHAVIDYALAYA, AT, POST- KANHERI (SARAP), TAH-BARSHI TAKALI, KARNJA (LAD), WASHIM	B.ED. (MARATHI)	100
4.	APW02268/123307	SARASWATI COLLEGE OF EDUCATION, MANDWA ROAD, TQ. KINWAT, NANDED	B.ED.	100
5.	APW02883/123383	LATE NIRDHANRAO PATIL WAGHAYE SHIKSHAN MAHAVIDYALA, AT. TUMSAR, TAH. TUMSAR, BHANDARA	B.ED. (MARATHI)	100

CONTD. - 2 --

/ TRUE COPY /



UNDER SECRETARY (SB)
NCTE-WRC,BHOPAL
JANUARY 31, 2007

SOLAPUR UNIVERSITY, SOLAPUR
REGISTRAR'S OFFICE

Inward No. 3257

Date 4 MAR 2007

Section REGISTRATION

मानव पर, शांति हिम, भोपाल - 462 002 Manak Bhawan, Shyamli Hills, Bhopal-462 002

Phone : 2660912, 2739872, 2739873 / Fax : 0755-2660912, E-mail : nctebho@sancharnet.in

NCTE Website : www.ncte-in.org

S.O. 13053

D. 03 2007

-- 2 --

6.	APW02882/ 123384	LATE NIRDHANRAO PATIL WAGHAYE SHIKSHAN MAHAVIDYALA, AT. SAKOLI, TAH. SAKOLI, BHANDARA	B.ED. (MARATHI)	100
7.	APW02727/ 123323	PANDIT RAJPATI MISHRA COLLEGE OF EDUCATION AND RES. JANTA SHIKSHAN PRASARAK SAMITI, MANORAMA NAGAR, KRISHNA COMPOUN, NEAR SHANKAR MANDIR, DOKALI, THANE (W)	B.ED.	100
8.	APW02766/ 125035	DHULE EDUCATION SOCIETYS COLLEGE OF EDUCATION, DR. RAM MANOHAR LOHIA MARG, NEAR SRP CAMP, DHULE	M.ED.	25
9.	APW02016/ 125026	SOLAPUR UNIVERSITY, SOLAPUR-PUNE ROAD, KEGAON, SOLAPUR	M.ED.	40
10.	APW00821/ 123155	JANATA SHIKSHAN PRASARAK MANDALS B.ED. COLLEGE, OPP. R.T.O., JAHAGIRGAR COLONY, RAILWAY STATION, AURANGABAD 431005 MAHARASHTRA	B.ED.	100

4. The institutions shall ensure the fulfillment of the following :-
- The institutions shall maintain the teaching staff strength of 1+7 for the sanctioned B.Ed. course, 1+3 for M.Ed. 25 intake and 1+6 for M.Ed. 40 intake and all the appointments would be on regular basis on an approved scale of payment of the candidates having fulfilled eligibility condition prescribed by NCTE. The institute concerned shall send a report in this regard to WRC of NCTE within 30 days, in terms of clause 7 (12) of the NCTE Regulations 2005.
 - The institutions shall note that with regard to NET / SLET requirement, the relaxation is allowed only upto the year 2009-2010 as per NCTE Regulation dt. 21.7.2006.
 - The institutions shall adhere to all the other regulations and guidelines as framed by NCTE from time to time.
 - The institutions shall within one month of the receipt of the Recognition order, convert the Endowment Fund account into a Joint Account in the form of FDR for a period of not less than 60 months (Five Years) in a Nationalized Bank only to be operated along with an authorized official of the Regional Committee.
 - That the Reserve fund for an amount of Rs. Three Lakhs be maintained in the form of FDR in favour of the managements / institutions.
 - Further, the recognition is subject to fulfillment of all such other requirements as may be prescribed by other regulatory bodies like UGC and State Government etc.
 - The institutions shall submit to the Regional Committee a Self Appraisal Report at the end of each academic year along with a copy of the approval of the affiliating University / State Directorate of Education about the appointment of faculty members and the Statement of Annual Accounts duly audited by a Chartered Accountant.

/ TRUE COPY /

UNDER SECRETARY (SB)
NCTE-WRC, BHOPAL
JANUARY 31, 2007

CONTD. - 3 -

राष्ट्रीय अध्यापक शिक्षा परिषद्
(भारत सरकार का एक विधिक संस्थान)
पश्चिम क्षेत्रीय समिति



National Council for Teacher Education
(A Statutory Body of the Government of India)
Western Regional Committee

3 --

- (h) The institutions shall regularly update their website.
(i) The institutions intending to run the teachers training programme approved above in a rented premises are required to submit report in compliance of the requirement of NCTE Regulations on the subject regarding their shift to permanent building.

5. If any of the institutions contravene any of the above conditions or any of the provisions of the NCTE Act, Rules, Regulations and / or order made or issued there under, the Regional Committee may withdraw the recognition under the provisions of Section 17(1) of the NCTE Act 1993. The NCTE Hqrs. May also cause inspections under Section 13 of NCTE Act, 1993.

By Order

(L.R. Aggarwal)
Regional Director

1. All the institutions concerned.

Copy to -

1. The Secretary, Department of Elementary Education and Literacy, Ministry of Human Resource Development, Government of India, New Delhi.
2. The Secretary (Higher Education), Government of Maharashtra, Mantralaya, Mumbai.
3. The Member Secretary, National Council for Teacher Education, New Delhi - 110 002.
4. The Registrar, SNTD Womens University, Mumbai / Solapur University, Solapur / Kolhapur University, Kolhapur, / Dr. Babasaheb Ambedkar Marathwada University, Aurangabad / Bombay University, Bombay / Sant Tukodoji Maharaj Nagpur University, Nagpur / Sant Gadge Maharaj Amravati University, Amravati / Swami Ramanand Teerth Marathwada University, Nanded / North Maharashtra University, Jalgaon.
5. The Under Secretary, Computer Section, National Council for Teacher Education, New Delhi - 110 002.
6. PS to Chairperson, National Council for Teacher Education, New Delhi - 110 002.
7. The Manager, Government of India, Department of Publications, (Gazette Section), Civil Lines, Delhi - 110054.
8. All other officers and offices concerned.

/ TRUE COPY /

UNDER SECRETARY (SB)
NCTE-WRC, BHOPAL
JANUARY 31, 2007

Regional Director
Ph. (0755) 2660912

मानस भवन, इशगंजी रोड, भोपाल - 473 002 Manas Bhawan, Shyamla Hills, Bhopal-462 002
दूरभाष : Phone : 2660912, 2739872, 2644 / Fax : 0755-2660912, E-mail : nctebhpl@sancharnet.in
NCTE Website : www.ncte-in.org

Copy to - Head, M. Ed.

3/1/07

Enclosure - XI



SOLAPUR UNIVERSITY, SOLAPUR

Enclosure-XI : to point no.20.b. Profile of the University

GOVERNMENT OF MAHARASHTRA

No.SUS-2004/(268 /04)/UNI-5
Higher & Technical Education Department
Mantralaya Annexe, Mumbai-400032
Dated the 30th December, 2004.

To,
The Regional Director,
National Council for Teachers' Education,
Western Regional Committee,
Manas Bhavan, Shamala Hills,
Bhopal-462 002 (M.P.)

Subject:- No Objection Certificate for the M.Ed. Course

Sir,

Solapur University, Solapur has submitted proposal to start M.Ed. Course from academic year 2005-06. Government of Maharashtra has "No objection" for starting M.Ed. in respect of the Solapur University, Solapur from the academic year 2005-06 on permanently no grant basis.

Yours faithfully,

S. N. Chitre
(S. N. Chitre)

Deputy Secretary to Government.

Copy-forwarded with compliments to:-

1. Registrar, Solapur University, Solapur
2. Director of Higher Education, Maharashtra State, Pune.
3. Joint Director of Higher Education, Kolhapur Region, Kolhapur
4. Select file UNI-5/CE-3

C:\Documents and Settings\Acce OEM User\My Documents\MASHI-3\Orders\New B.Ed. NOCK\Kavi Kulguru\UNI-2.doc

Solapur University, Solapur
Inward No. 2173
Date 31 DEC 2004

Forward No - 40
Received on 31 DEC 2004
B.C.V.D.
Solapur

Enclosure - XII

	SOLAPUR UNIVERSITY, SOLAPUR
	Enclosure-XII: to point no.35. Profile of the University

SOLAPUR UNIVERSITY, SOLAPUR NAAC Accreditation college list

Sr. No.	Name of Complete Address of the college / Institution	Grade
1 Aided	Chatrapati Shivaji Night College of Art's & Commerce, Solapur. • Muraraji Peth, Solapur 413 001 Email: csnc_123@yahoo.co.in Website: http://shivajinightcollege.org	B
2 Aided	D.A.V. Velankar College of Commerce, Solapur. Dayanand Nagar, Raviwar Peth, Solapur. 413002 • Email: spr_davvccs@bsnl.in Website: http://www.davsolapur.org	B
3 Aided	D.P.B. Dayanand College of Education, Solapur. Dayanand Nagar, Raviwar Peth, Solapur. 413002 • Email: dcesolapur@gmail.com Website: http://www.davsolapur.org	B+
4 Aided	Solapur Social Association, Arts & Commerce College, Solapur. • New Building Opp.Saiffi Hospital, Siddheshwar Peth, Solapur – 413001 Email: socialcollege@gmail.com Website:	B+
5 Aided	Union Education Society, Mahila Mahavidyalaya, Solapur. • 141 A, Siddheshwar Peth, Solapur-413001 Email: uesmm@yahoo.com Website: www.uesmahilamahavidyalaya.org	C++
6 Aided	Vasundhara Arts College, Solapur. Mhada Plot.No.22, Near D.Pharmacy College, Jule Solapur, Solapur 413004 • Email: vkmjsol@bsnl.in Website:	B
7	V.G. Shivdare College of Arts, Commerce & Science, Solapur. • College of Pharmacy Campus, Jule Solapur- 1, Vijapur Road, Solapur. 413007 Email: vgs.biotechnology@rediffmail.com Website: www.vgshivdarecollege.org	B
8 Aided	Mauli Mahavidyalaya, Wadala. • Tal.North Solapur, Dist-Solapur. 413222 Email: maulimahavidalay.2010@gmail.com Website: maulicollegewadala.org	C
9 Aided	Santosh Bhimrao Patil Arts, Science & Commerce College, Mandrup. • Tal.South Solapur, Dist-Solapur-413221 Email: sbpcollege@bsnl.in, sbpcollegemandrup@rediffmail.com Website: sbpcollegemandrup.org	B

10 Aided	B.P.Sulakhe Commerce College, Barshi. Shivaji Nagar Barshi, • Tal Barshi , Dist.- Solapur 413411 Email: prinbpscc@rediffmail.com Website: http://www.bpscbarshi.org	C++
11 Aided	Rajarshi Shau Law College, Barshi. Tal.-Barshi, Dist- Solapur-413411 • Email: rslawbarshi@gmail.com Website: www.rslawcollegebarshi.org	C++
12 Aided	Yashvantrao Chavan Mahavidyalaya, Karmala. Tal-Karmala, Dist-Solapur-413203 • Email: yckmbile@yahoo.co.in Website: www.yckmcollegekarmala.org	B+
13	Mahatma Phule College of Education, Akluj. • Tal-Malshiras, Dist-Solapur. 413 101 Email: mpceakluj@yahoo.com Website: www.mpceakluj.com	C++
14 Aided	Shri. Sant Damaji Mahavidyalaya, Mangalwedha. • Tal- Mangalwedha, Dist-Solapur-413305 Email: ssdmangalwedha@gmail.com ssdm@sancharnet.in Website:	C++
15 Aided	Marutirao Harirao Mahadik College of Arts & Commerce, Modnimb. • Tal-Madha, Dist-Solapur-413301 Email: mhmmodnimb Website: www.mhmmodnimb.info	B
16 Aided	Uma Mahavidyala, Pandharpur. • Tal- Pandharpur, Dist-Solapur. 413 304 Email: uma_maha@rediffmail.com umamaha@sancharnet.in Website:	B
17	Shrimati. Kashibai Navale College of Education, • Kamlapur. Tal. Sangola, Dist. Solapur. 413307 Email: navalecollege@gmail.com Website: www.spspm.org	B
18	College of Engineering, Pandharpur. Gopalpur-Ranjani Road, Gopalpur, P.B.No. 54, Tal-Pandharpur Dist.Solapur 413304 Email: coe_pan@rediffmail.com Website: www.sveri.ac.in	NBA



SOLAPUR UNIVERSITY, SOLAPUR

NAAC Reaccreditation college list

Sr. No.	Name of Complete Address of the college / Institution	Grade
1 Aided	A.R. Burla Mahila Varishtha Mahavidyalaya, Solapur. 213, Sakhar peth (Ashikal Maidan), P.B. No.510, Solapur 413 005 • Email: arburla@gmail.com Website: www.arburla.com	B+ Reaccreditations B
2 Aided	D.B.F. Dayanand College of Art's & Science, Solapur. Dayanand Nagar, Raviwar Peth, Solapur 413 002 • Email: spr_dayartsc@sancharnet.in Website: http://www.davsolapur.org	B++ Reaccreditations A
3 Aided	D.G.B. Dayanand Law College, Solapur. Dayanand Nagar, Raviwar Peth, Solapur. 413002 • Email: dgbdayanandsolapur@gmail.com Website: http://www.davsolapur.org	B Reaccreditations B
4 Aided	Hirachand Nemchand College Of Commerce, Solapur. Seth Walchand Hirachand Marg, Ashok Chowk , Solapur 413006 • Email: hnprincipal@gmail.com Website: www.hnccsolapur.org	B+ Reaccreditations A
5 Aided	Kasturbai College of Education, Solapur. Seth Walchand Hirachand Marg, Ashok Chowk, Solapur. 413006 • Email: kcesolapur@gmail.com Website: http://kcebed.org	B+ Reaccreditations B
6 Aided	Laxmibai Bhaurao Patil Mahila Mahavidyalaya, Solapur. Samrat Chowk, Solapur-413002 • Email: lbpmsolapur@yahoo.co.in Website: www.erayat.org	B+ Reaccreditations A
7 Aided	Sangmeshwar College, Solapur. Saat Rasta, Solapur. 413 001 • Email: prin_sangameshwar@yahoo.com Website: www.sangameshwarcollege.org	B++ Reaccreditations A
8 Aided	Walchand College of Arts & Science, Solapur. Seth Walchand Hirachand Marg, Ashok Chowk, Solapur. 413006 • Email: principalwcas@yahoo.co.in Website: www.wcassolapur.org	B++ Reaccreditations A
9 Aided	C.B.Khedgis Basaveshwar Science, Raja Vijaysinh Commerce & Raja Jaysinh Arts College, Akkalkot. • Akkalkot, Tal- Akkalkot, Dist. Solapur 413216 Email: cbkcollege@gmail.com Website: www.khedgiscollegeakkalkot.org	B++ Reaccreditations B
10 Aided	College of Education, Barshi. Tal Barshi Dist.- Solapur 413411 • Email: bedbarshi@yahoo.com Website: www.coebarshi.org	B++ Reaccreditations B

11 Aided	Shri. Shivaji Mahavidyalaya, Barshi. Shivaji Nagar, P.B. No.4 , Barshi. • Tal- Barshi, Dist. Solapur Email: ssmb_barshi@rediffmail.com Website: www.ssmbarshi.org	B+ Reaccreditations A
12 Aided	Shriman Bhausaheb Zadbuke Mahavidyalaya, Barshi. P.B.No.16, Zadbuke Marg., Barshi. • Tal. Barshi, Dist. Solapur 413401 Email: Principalsbzbmb@rediffmail.com	B+ Reaccreditations B
13 Aided	Sou. Suvarnlata Gandhi Mahavidyalaya, Vairag. Tal-Barshi, Dist-Solapur-413402 • Email: ssgm123@gmail.com Website: www.ssgmv.com	C++ Reaccreditations B
14 Aided	Bharat Mahavidyalaya, Jeur (Cr .Railway). • Tal-Karmala, Dist-Solapur-413202 Email: bharatmjeur@sancharnet.in bharatmjeur_2007@rediffmail.com Website:	C+ Reaccreditations B
15 Aided	Shankarrao Mohite Mahavidyalaya, Akluj. Tal- Malshiras, Dist.Solapur. 413 101 • Email: smmakj@yahoo.com dr.abasaheb_deshmukh@rediffmail.com website: www.smmakluj.com	B+ Reaccreditations B
16 Aided	Vijaysinh Mohite Patil Mahavidyalaya, Natepute. Tal Malshiras, Dist-Solapur 413 109 • Email: vmp_college@yahoo.co.in Website: www.vmpmahavidyalaya.co.in	C++ Reaccreditations B
17 Aided	Deshbhakta Sambajirao Garad Mahavidyalaya, Mohol. • Post Box No.9, Mandrup Highway No.149, Tal-Mohol, Dist-Solapur-413213 Email: dsgcm@yahoo.co.in, dsgarad@gmail.com dsgcm@sancharnet.in website: garadshikshanmandal.org	C++ Reaccreditations C
18 Aided	Arts & Commerce College, Madha. Tal- Madha, Dist. Solapur 413209 • Email: accmadha@yahoo.com, accmadha@sancharnet.in Website:	B Reaccreditations B
19 Aided	K.N.Bhise Arts & Commerce College, Kurduwadi. Tal. Madha, Dist. Solapur 413208 • Email: knbacck@yahoo.co.in. Website: www.knbacck.com	B Reaccreditations B
20 Aided	Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur. • Tal-Pandharpur, Dist-Solapur-413304 Email: kbp_pandharpur@rediffmail.com spr_kbpitc@sancharnet.in website: www.kbpcollegepandharpur.com	B++ Reaccreditations A
21 Aided	Sangola College, Sangola. Tal- Sangola, • Dist.- Solapur 413307 Email: prinspsgl@gmail.com	B+ Reaccreditations B
22 Aided	Vidnyan Mahavidyalaya, Sangola. Tal- Sangola, Dist.- Solapur 413307 • Email: vidnyanms@yahoo.co.in Website: www.vmssangola.org	B Reaccreditations B
23	Walchand Institute of Technology, Solapur Seth Walchand Hirachand Marg,Ashok Chowk, P.O.Box-634, Solapur-413006 Email: principal@witsolapur.org Website: www.witsolapur.org	NBA Re-NBA



Solapur University, Solapur

Academic Year - 2014-15

Solapur University Affiliated total Colleges - 119

Aided Colleges - 40

Unaided Colleges - 79

Sr.No.	Grade	No. of Colleges
1)	NBA	01
2)	NBA Reaccreditations	01
3)	NAAC Accreditations	17
4)	NAAC Reaccreditations	22