



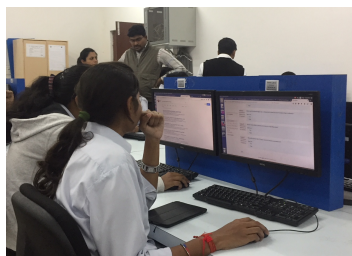
Spoken Tutorials

Annual Report

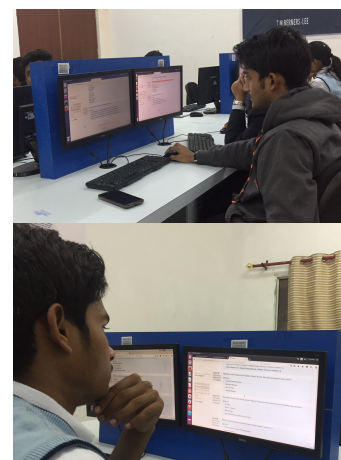
Spoken Tutorial Project on Free and Open Source Software (FOSS) at Shri Ramswaroop Memorial University

The Spoken Tutorial Project on Free and Open Source Software (FOSS), in collaboration with IIT-Bombay, has been implemented at the university to promote enrichment and excellence in the academic programs running at the university.

The university took one step forward this year to foster the penetration of Spoken Tutorial in the university curricula under the stewardship of Prof (Dr) Archana Saily Painuly, director IQAC. The tutorials were mapped with different courses, both theory and practical, in various programmes running at the university. The tutorials on Linux, Java, C and Cpp, LibreOffice Suite Calc, GIMP, PHP, Scilab, CellDesigner, JMol, etc have been integrated in diverse undergraduate and postgraduate programs at the university (Annexure 1). The students also sat for online tests in their respective tutorials as per the curricula. More than 100 students received certifications from IIT-Bombay securing high percentages in these tests (Annexure 2).



The university also organized a lecture on Spoken Tutorial during the Faculty Development Programme themed *New modes of Learning and Teaching in Higher Education* held from 10th-15th July, 2017. Mr Aashraya Seth, Training Coordinator, National Mission on Education through ICT (NME-ICT), delivered the lecture emphasizing the scope and importance of Spoken Tutorial in higher education.



The efforts of the University for spreading awareness about the project, and holding software trainings and certification tests have been lauded by IIT-Bombay by conferring upon SRMU the award for *Best Private University in Uttar Pradesh in Contribution to Spoken Tutorial Project*.

It has certainly been realized that the tutorials are effective teaching tools. The tutorials have enhanced IT skills of the students, and will provide them an edge in securing jobs with top-notch companies.



The university agrees to include Spoken Tutorials as MOOCs for practical courses, wherever possible.

The successful implementation of the Spoken Tutorial Project would not have been possible without the passionate support of Prof (Dr) AK Singh, Vice-Chancellor, and Dr VK Singh, Registrar, SRMU.

Prof (Dr) Mahesh Kumar Basantani,
Coordinator, Spoken Tutorial
SRMU



Annexure 1

Mapping of Spoken Tutorial with courses at SRMU

S No	Course	Course Code	Spoken Tutorial (MOOC)
1	Computer Application for Media	BCS1502	LibreOffice, GIMP
2	Business Environment	BMG3007	Libre-calc
3	Human Resource Management	BMG3001	Libre-calc
4	Business Law	BMG5003	Libre-calc
5	Human Values and Ethics	XHUX601	Libre-calc
6	Web Technology Lab	BCS5513	Java
7	Object Oriented Systems with Java Lab	MCS3505	Java
8	JAVA LAB	BCS5504	Java
9	CAPSA LAB	MEE2501	Scilab
10	Control Lab	BEE5502	Scilab
11	Electronics Lab	BEC3505	Scilab
12	EMEC-I LAB	BEE4502	Scilab
13	Electric Drive lab	BEE7501	Scilab
14	EMEC-2	BEE5501	Scilab
15	ELECTRICAL SIMULATION	BEE3501	Scilab
16	Instrumentation Lab	BEE5503	Scilab
17	Power System lab	MEE1501	Scilab
18	Modeling & simulation of power electronic system lab	MEE2503	Scilab
19	Network Lab	BEE3502	Scilab
20	Measurement Lab	BEE4501	Scilab
21	EMAC-Lab	BEE6504	Scilab
22	Micro Processor Lab	BEC4506	Scilab
23	Power System lab	BEE7502	Scilab
24	Biochemistry Lab	BBT3501	Jmol
25	Cell and Microbiology Lab	BBT3502	Cell Designer
26	Bioinformatics Lab	BBT3501	Biopython
27	Bioprocess Engineering Lab	MBT1508	Cell Designer
28	Biochemistry and computational biology Lab	MBT1509	Biopython
29	Cell and General Microbiology Lab	MSB1505	JMOL
30	Bioprocess Engineering and Technology Lab	MSB3507	Cell Designer

Annexure 2

Tutorial-wise distribution of students taking online certification tests

