

Shram Sadhana Bombay Trust's
COLLEGE OF ENGINEERING AND TECHNOLOGY
 BAMBHORI, POST BOX NO.94, JALGAON – 425001. (M.S.)

Action Taken Report of Feedback on Syllabus – 2020

In view of the syllabus revision at Third Year and Final Year Engineering, the Head of the Department along with senior faculty members shared AICTE model curriculum with stakeholders including professional experts and collected suggestions through interaction. The suggestions were discussed in “One day Workshop on Syllabus Framing” held on February 13th, 2020 and February 15th, 2020 at SSBT’s College of Engineering & Technology, Bambhori, Jalgaon and on February 25th, 2020 at University Institute of Chemical Technology, KBC North Maharashtra University, Jalgaon. Faculty members of the institute participated in the workshop. The report of “One day Workshop on Syllabus Framing” was submitted to University for discussion in the meeting of Board of Studies of the respective programme. The institute has representation in various academic bodies of the University to pursue the incorporation of suggestions.

The suggestions and action taken in this context are as follows.

Programme	Suggestions	Action Taken	Outcome
Final Year Engineering of all Programme	Project should be based on Internship.	The suggestions were discussed in BoS Meetings by faculty members having representation in various academic bodies of the University.	Internship based project is introduced in the syllabus of Final Year and the syllabus is approved by University.
Final Year Engineering of Biotechnology	Cancer studies related subject were suggested by the expertise in (Professional Elective Course-V)	The suggestions were discussed in BoS Meetings by faculty members having representation in various academic bodies of the University.	Molecular Biology of Cancer subject was included in (Professional Elective Course-V) and the syllabus is approved by University.
Third Year Engineering of Chemical Engineering	In subjects related to Emerging Technologies, Alternative Energy Sources subject in Third Year Chemical Engineering syllabus should be replaced by Alternative Fuels subject in the syllabus.	The suggestions were discussed in BoS Meetings by faculty members having representation in various academic bodies of the University.	Alternative Energy Sources subject in Third Year Chemical Engineering syllabus is replaced by subject Alternative Fuels. The syllabus is approved by University.

Final Year Engineering of Chemical Engineering	Risk Assessment in Chemical Processes subject in Final Year Chemical Engineering syllabus to be renamed as Safety Assessment in Chemical Processes (Professional Elective Course-III)	The suggestions were discussed in BoS Meetings by faculty members having representation in various academic bodies of the University.	Risk Assessment in Chemical Processes subject in Final Year Chemical Engineering syllabus is renamed as Safety Assessment in Chemical Processes (Professional Elective Course-III). The syllabus is approved by University.
Final Year Engineering of Civil Engineering	The number of electives (PEC and OEC) should be more.	The suggestions were discussed in BoS Meetings by faculty members having representation in various academic bodies of the University.	The suggestion is incorporated and the syllabus is approved by University.
Final Year Engineering of Civil Engineering	The subjects Advanced concrete structural analysis & design and Advanced steel structural analysis & design were originally proposed in semester VII and VIII respectively. However the need to be inter-changed.	The suggestions were discussed in BoS Meetings by faculty members having representation in various academic bodies of the University.	The suggestion is incorporated and the syllabus is approved by University.
Final Year Engineering of Computer Engineering and Information Technology	Subjects related to Emerging Technologies as need of industry should be included in the syllabus.	The suggestions were discussed in BoS Meetings by faculty members having representation in various academic bodies of the University.	Machine Learning, Data Mining, Data Analytics, IoT are introduced in the syllabus of Final Year and the syllabus is approved by University.
Final Year Engineering of Computer Engineering and Information Technology	Provide options of Technology for students based on their learning interest.	The suggestions were discussed in BoS Meetings by faculty members having representation in various academic bodies of the University.	Full stack with options of Technology is introduced as Laboratory experiments in Advanced Technology Lab in Final Year Syllabus and the syllabus is approved by University.
Final Year Engineering of Computer Engineering and Information Technology	Need of industry to be included in the syllabus.	The suggestions were discussed in BoS Meetings by faculty members having representation in various academic bodies of the University.	Considering aptitude as one of the need of industry, the subjects Quantitative Reasoning & Problem Solving and Logical Reasoning & Problem

			University.	Solving included as Open Elective Course and the syllabus is approved by University.
Final Year of Engineering of Electrical Engineering	Matlab software should be included in the subjects.	The suggestions were discussed in BoS Meetings by faculty members having representation in various academic bodies of the University.		Matlab software based subject is included in the syllabus and the syllabus is approved by University.
Final Year of Engineering of Electrical Engineering	Subjects related to Emerging Technologies should be included in the syllabus.	The suggestions were discussed in BoS Meetings by faculty members having representation in various academic bodies of the University.		Artificial Intelligence, Matlab and its application are introduced in the syllabus of Final Year and the syllabus is approved by University. Industrial Automation is introduced in the syllabus of Third year level and the syllabus is approved by University.
Third Year of Engineering of Electrical Engineering	Subjects related to Emerging Technologies should be included in the syllabus.	The suggestions were discussed in BoS Meetings by faculty members having representation in various academic bodies of the University.		Industrial Automation is introduced in the syllabus of Third year level and the syllabus is approved by University.
Final Year of Engineering of Electronics and Telecommunication Engineering	Practical related to advance communication systems should be introduced.	The suggestions were discussed in BoS Meetings by faculty members having representation in various academic bodies of the University.		Communication systems I and II lab are introduced and the syllabus is approved by the University.
Final Year of Engineering of Electronics and Telecommunication Engineering	Subjects related to Emerging Technologies should be included in the syllabus.	The suggestions were discussed in BoS Meetings by faculty members having representation in various academic bodies of the University.		Professional Elective Course – III (Fiber Optic Communication, Speech and Audio Processing, Nanoelectronics), Professional Elective Course – IV (Satellite Communication, Digital Image and Video Processing, Mixed Signal Design) and Open Elective Course – III (Artificial Intelligence and

			Machine Learning, Big Data Analysis, Mechatronics), Professional Elective Course – V (Microwave Theory and Technique, Adaptive Signal Processing, Antenna and Wave Propagation), Professional Elective Course – VI (Embedded System, Mobile Communication and Network, High Speed Electronics) and Open Elective Course – IV (Automotive Electronics and Electric Vehicle, Cyber Security, Robotics) are introduced in the syllabus and the syllabus is approved by the University
Final Year of Engineering Mechanical Engineering	Subjects related to Emerging Technologies should be included in the syllabus.	The suggestions were discussed in BoS Meetings by faculty members having representation in various academic bodies of the University.	Professional Elective Course III, IV, V, VI & Open Elective Course III, IV are introduced in the syllabus of Final Year and the syllabus is approved by University.
Final Year of Engineering Mechanical Engineering	Software should be introduced in the Syllabus.	The suggestions were discussed in BoS Meetings by faculty members having representation in various academic bodies of the University.	Software based Laboratory experiments are introduced in Computer Aided Design Lab & Finite Element analysis & simulation Lab and the syllabus is approved by University.



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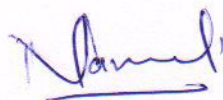


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