



SYMBIOSIS INSTITUTE OF TECHNOLOGY

Symbiosis International (Deemed University)

(Established under section 3 of the UGC Act, 1956)

Re-accredited by NAAC with 'A' grade (3.58/4) | Awarded Category - I by UGC

Founder: Prof. Dr. S. B. Mujumdar, M. Sc., Ph. D. (Awarded Padma Bhushan and Padma Shri by President of India)

Name of the Institute: Symbiosis Institute of Technology						
Name of the Program: B.Tech Electronics and Telecommunication						
Students Feedback for design and review of syllabus						
Academic Year: 2019-2020						
Revision of syllabi is a continuous process to ensure that it remains contemporary. Revisions in the syllabi are made in consonance with the advancement in the technology. To ensure effective development of the curriculum, the feedback on the curriculum is sought from stakeholders. The suggestions given by all stakeholders are considered and discussed in the sub-specialization committee and their recommendations are forwarded to the BOS for approval.						
No. of Respondents :206						
Questionnaire with parameter wise number of responses						
Sr No	Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	I was informed about our expected competencies, course outcomes (CO) and programme outcomes(PO)	32	98	43	17	16
2	The curriculum is relevant to and provides for flexibility to meet my learning needs	26	108	40	15	17
3	Adequate co-curricular learning opportunities are provided to me to support the	30	94	41	21	20



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Sr No	Question	Yes	No
1	The topics were overlapping with the courses taught earlier / during the semester. If Yes, Name of such courses	32	174
2	Would you recommend any new course / topic to be added in the program structure?	40	176

Summary of Feedback Analysis and Action Taken:

Sr. No	Particulars / Action Point	Action Taken
1	To add courses on IoT, Python, Machine Learning, AI, Block Chain, Artificial Intelligence, Mechatronics, topics on serial communication protocol in Embedded, Six Sigma, Project Management, Web Technologies	Courses on Embedded Systems and RTOS, Python, Artificial Intelligence, IoT, Robotics, Project Management: It is already introduced in the programme structure from batch 2019-23 onwards. We can offer value added course on PLC programming, Machine Learning, Web Technologies, Cloud Computing, Data Analytics based on the students' interest



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2	More hands on session, problem solving approach	To get more practical knowledge, Project based learning is introduced in every semester from batch 2019-23 onward. We have added more software specific courses in Computational Techniques I and II.
3	Overlapping of the topics in Digital Electronics, Embedded System and Microcontroller and applications, DSP and Signal and Systems	Need to revise the syllabus. All the said courses will be offered as Flexi courses. Therefore revision of the syllabi will be considered at the time of offering in the respective courses

Dr. Neela Rayavarapu
Name and Signature of HoD

Dr. Ketan Kotecha
Name and Signature of Director



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Name of the Program: B.Tech Electronics and Telecommunication						
Teachers Feedback for design and review of syllabus						
Academic Year: 2019-2020						
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No. of Respondents :20						
Questionnaire with parameter wise number of responses						
Sr No	Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	I am given enough freedom to contribute my ideas on curriculum design and development.	18	1	1		
2	The faculty members / teachers are supported with adequate learning resources	15	4	1		
3	The faculty members / teachers are encouraged to establish linkages with Industry.	19		1		



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4	The syllabus is relevant and adequate in terms of scope, depth and choice to help develop the required competencies amongst students	12	3	5		
Sr No	Question	Yes		No		
1	Would you recommend any new course / topic to be added in the program structure?	7		13		

Summary of Feedback Analysis and Action Taken:

Sr. No	Particulars / Action Point	Action Taken
1	There is ample scope to include new course as a flexi course. However students should have the option of pursuing a minor in other disciplines	We will decide it based on students interest. Open electives could be the choice for opting other discipline course
2	To add courses on ARM/ Cortex Microcontrollers, Data Analytics, 5G technology, EDA tool in VLSI Lab such as Cadence, Renewable Energy, Financial Engineering	Based on students interest we can offer it as a flexi course or value added course

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Name of the Institute: Symbiosis Institute of Technology						
Name of the Program: B.Tech Electronics and Telecommunication						
Alumni Feedback for design and review of syllabus						
Academic Year: 2019-2020						
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No. of Respondents :12						
Questionnaire with parameter wise number of responses						
Sr No	Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	The institute curriculum has prepared me adequately for the job roles, I have handled and been handling	7	5			
2	The curriculum of the program is well designed and promotes learning experience of the students	4	8			
	The courses offered in the Institute have relevance to societal needs and employment potential	6	6			
3	The institute encourages contribution from Alumni in curriculum and student development.	3	2	7		

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Sr No	Question	Yes	No
1	Would you recommend any new course / topic to be added in the program structure?	7	5

Summary of Feedback Analysis and Action Taken:

Sr. No	Particulars / Action Point	Action Taken
1	Add courses on Data Analytics, Python, IoT, AI, ML, C++, Java, Robotics, 5G Technology, Cloud Computing, Data Science, MS Excel	Courses on Python, IoT, AI, Java, MS Excel are incorporated in the programme structure from batch 2019-23 onwards. We can offer value added course Machine Learning, Web Technologies, Cloud Computing, Data Analytics, 5G Technology based on the students' interest

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Name of the Institute: Symbiosis Institute of Technology						
Name of the Program: B.Tech Electronics and Telecommunication						
Employers Feedback for design and review of syllabus						
Academic Year: 2019-2020						
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No. of Respondents :34						
Questionnaire with parameter wise number of responses						
Sr No	Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	The courses offered in the Institute have relevance to societal needs and employment potential	10	20	4		
2	The curriculum has a good blend of theory and practical aspects	5	24	5		
3	The students of the programme are adequately trained in terms of knowledge, skills and values	7	24	3		
4	The students of the programme demonstrates the ability to learn new things quickly, to adapt, to the dynamic environment	15	14	5		

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Sr No	Question	Yes	No
1	Would you recommend any new course / topic to be added in the program structure?	5	29

Summary of Feedback Analysis and Action Taken:

Sr. No	Particulars / Action Point	Action Taken
1	Add courses on IoT, Embedded System with RTOS, Python, Artificial Intelligence and Machine Learning, Web Technologies, Renewable Energy, AVR programming, Automotive CAN, Communication Protocol, Advanced Microcontroller Architecture,	Most of the suggested courses are introduced in the programme structure of 2019-23 onwards. We can conduct value added courses based on students interest
2	More Hands-on sessions on PCB design, Basic circuit designing and debugging, PLC programming	PCB lab is developed to get more hands on session in PCB design, Based on students interest we can offer PLC programming as a flexi course or value added course

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Name of the Institute: Symbiosis Institute of Technology						
Name of the Program: B.Tech Electronics and Telecommunication						
Parent Feedback for design and review of syllabus						
Academic Year: 2019-2020						
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No. of Respondents :7						
Questionnaire with parameter wise number of responses						
Sr No	Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	The curriculum would make my ward employable and industry ready.	1	6			
2	The curriculum provides choice of courses / specialization to select	3	4			
Sr No	Question	Yes	No			
1	Would you recommend any new course / topic to be added in the program structure?	4	3			

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Summary of Feedback Analysis and Action Taken:

Sr. No	Particulars / Action Point	Action Taken
1	GaAs technology being a latest trend in electronics industry can be included in the syllabus. 8085 and other old industry applications, replaced with current trends. Add course on Product Design, Automotive Electronics and Communication protocol CAN, AI and Machine Learning	Most of the suggested courses are introduced in the programme structure of 2019-23 onwards. Syllabus of MCA and Embedded System can be revised based on the suggestion of inclusion of current trends Microcontroller We can conduct value added courses based on students interest

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