

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)



Celebrating 50 Years of Excellence

Curriculum Feedback Collection, Analysis and Action Taken Report For Academic Year 2021-2022

Action Taken Report for Academic Year 2021-22

Sr No	Stakeholder	Action Points	Action Taken
1	Student	More hands-on sessions	To enhance subject knowledge, problem-based learning courses such as PBL1, PBL 2 and PBL 3 have been introduced in the programme structure from batch 2019-23 onwards.
		Courses on AI ML	E&TC students can opt minor specializations in AI LM, Data Science, IoT .
2	Faculty	Suggestion for nomenclature of the courses	All the suggested points were discussed in the BoS subcommittee and subsequent changes has been proposed in the programme structure.
		Need to revise syllabi of some courses	
		Change in the credit of the course- Computational Techniques	
3	Alumni	Add courses on a) Artificial Intelligence b) Block Chain c) IoT d) Labs for Robotics and IoT e) Python scripting for automation	Most of the suggested courses are already incorporated in the programme structure from 2019-23 onwards as Major and Minor specializations. Value added courses are conducted to keep students updated in the emerging technologies.
		More hands-on projects	Introduced PBL1, PBL2 and PBL3 to get more hands-on projects.
		Focus more on real/societal problems, provide solution	Promoted students to identify societal/ real life problems and provide solution through PBL projects.

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		Add training program on Network and Security	Collaboration with Cisco Networking Academy is in process to conduct various certification programs in the Networking domain.
		EV oriented training	One unit is added in the course, if required VAC can be conducted
4	Employer	Add Courses on a) Data Structure & Analysis b) Artificial Intelligence c) Machine learning d) Finfet VLSI e) Agriculture IOT	Most of the suggested courses are already incorporated in the programme structure from 2019-23 onwards as Major and Minor specializations. We conducted value added course on Simulation Analysis and Design of CMOS Integrated Circuits. In this VAC emerging trends in VLSI technology has been covered.
5	Parent	No Suggestions	NA

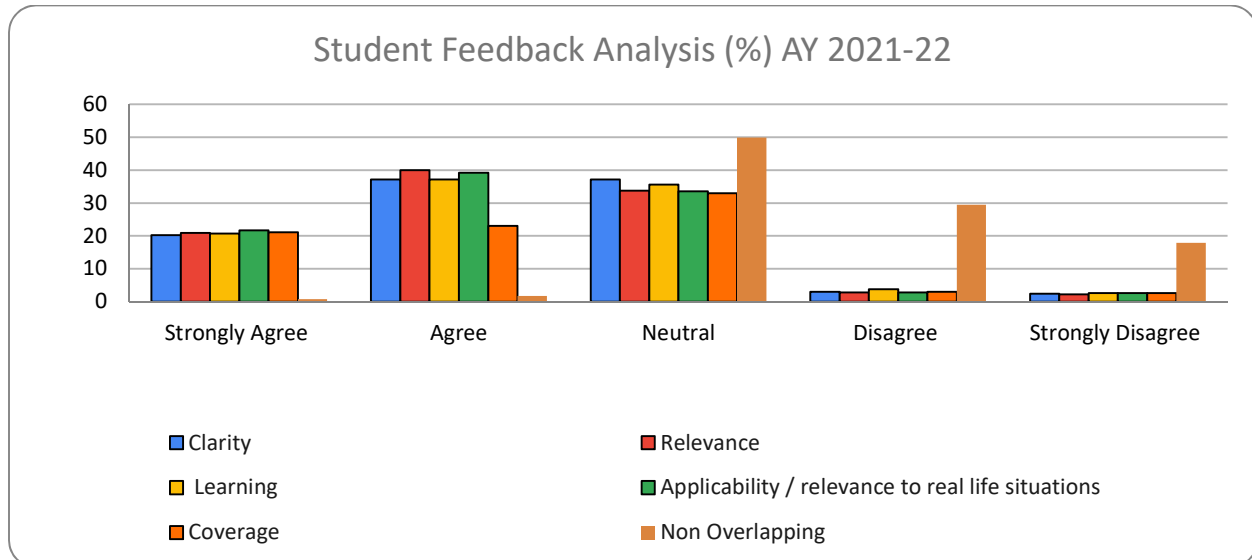
Dr. Pritesh Shah

Head of Department, E&TC, SIT, Pune



Students Feedback %

Parameter	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Clarity	20.19	37.14	37.14	3.05	2.48	100
Relevance	20.95	40	33.71	2.86	2.29	100
Learning	20.76	37.14	35.62	3.81	2.67	100
Applicability / relevance to real life situations	21.71	39.24	33.52	2.86	2.67	100
Coverage	21.14	23.05	32.95	3.05	2.67	82.86
Non Overlapping	0.76	1.71	49.9	29.52	17.9	100



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: 2021-2022

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 : 525

Sr No	Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	The course was overlapping with the courses taught earlier / during the semester.	4	9	262	155	94
2	I was informed about our expected competencies, course outcomes (CO) and programme outcomes(PO)	106	195	195	16	13
3	The curriculum is relevant to and provides for flexibility to meet my learning needs	110	210	177	15	12
4	Adequate co-curricular learning opportunities are provided to me to support the curricular learning	109	195	187	20	14
5	The course is relevant to the industry requirements.	114	206	176	15	14
6	The number of hours allocated to the course are adequate.	111	121	173	16	14

Sr No	Question	Yes	No
1	The topics were overlapping with the courses taught earlier / during the semester. If Yes, Name of such courses	13	512

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2	Would you recommend any new course / topic to be added in the program structure?	3	522
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Summary of Feedback Analysis and Action Taken:

Sr. No	Particulars / Action Point	Action Taken
1	More hands on sessions	To enhance subject knowledge, problem based learning courses such as PBL1, PBL 2 and PBL 3 have been introduced in the programme structure from batch 2019-23 onwards.
2	Courses on AI ML	E&TC students can opt minor specializations in AI LM, Data Science, IoT .



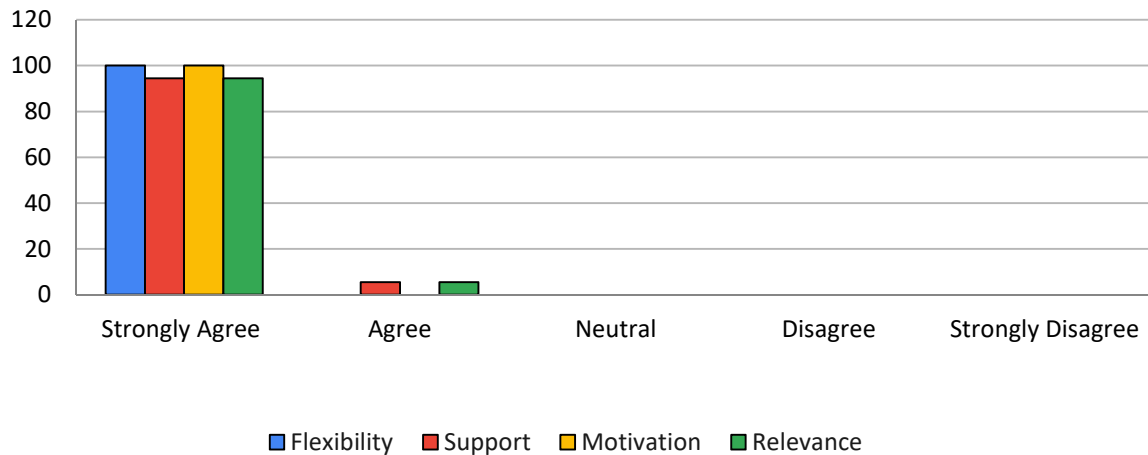
Dr. Pritesh Shah

Dr. Pritesh Shah
Head of Department, E&TC, SIT, Pune

Teachers Feedback %

Parameter	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Flexibility	100	0	0	0	0	100
Support	94.44	5.56	0	0	0	100
Motivation	100	0	0	0	0	100
Relevance	94.44	5.56	0	0	0	100

Teachers Feedback Analysis (%) AY 2021-22



Name of the Institute: Symbiosis Institute of Technology

Name of the Program: B.Tech Electronics and Telecommunication

Teachers feedback for design and review of syllabus

Academic Year: 2021-2022

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No. of Respondents :18

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	-			
2	The faculty members / teachers are supported with adequate learning resources	17	1			
3	The faculty members / teachers are encouraged to establish linkages with Industry.	18				
4	The syllabus is relevant and adequate in terms of scope, depth and choice to help develop the required competencies amongst students	17	1			

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Sr No	Question	Yes	No
1	Would you recommend any new course / topic to be added in the program structure?	2	16

Summary of Feedback Analysis and Action Taken:

Sr. No	Particulars / Action Point	Action Taken
1	Suggestion for nomenclature of the courses	All the suggested points were discussed in the BoS subcommittee and subsequent changes has been proposed in the programme structure.
2	Need to revise syllabi of some courses, Fundamentals of Electrical & Electronics Engineering	
3	Change in the credit of the course- Computational Techniques	

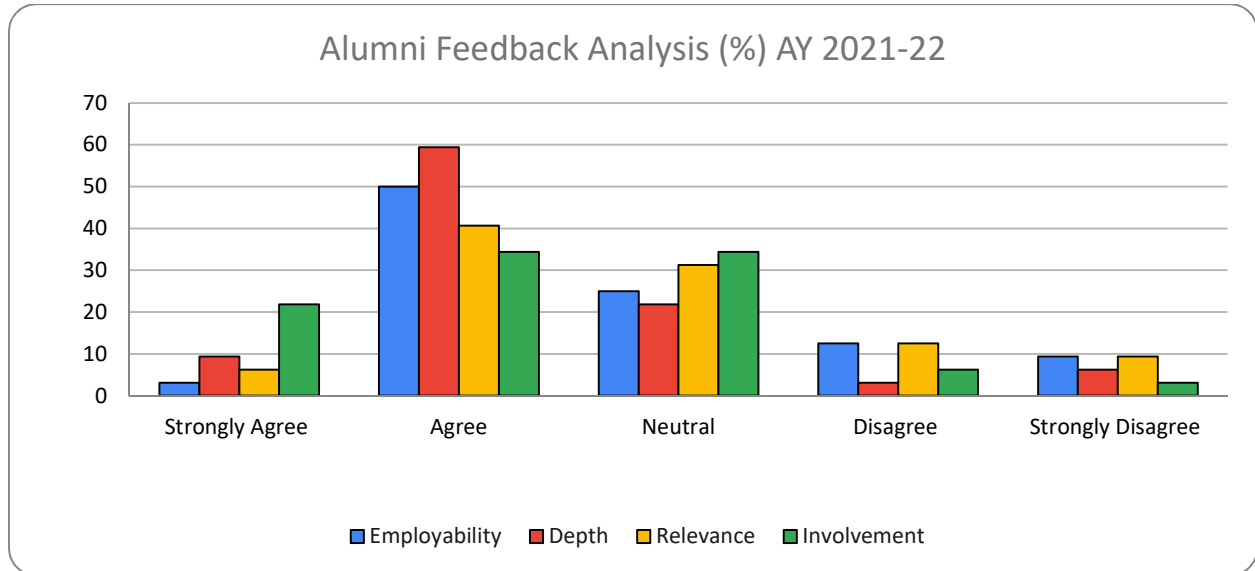


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Alumni Feedback

Parameter	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Employability	3.13	50	25	12.5	9.37	100
Depth	9.38	59.38	21.88	3.13	6.25	100
Relevance	6.25	40.63	31.25	12.5	9.38	100
Involvement	21.88	34.38	34.38	6.25	3.13	100



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: 2021-2022

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No. of Respondents :32

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	1	16	8	4	3
2	The curriculum of the program is well designed and promotes learning experience of the students	3	19	7	1	2
	The courses offered in the Institute have relevance to societal needs and employment potential	2	13	10	4	3
3	The institute encourages contribution from Alumni in curriculum and student development.	7	11	11	2	1

Sr No	Question	Yes	No
1	Would you recommend any new course / topic to be added in the program structure?	16	16

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Summary of Feedback Analysis and Action Taken:

Sr. No	Particulars / Action Point	Action Taken
1	Add courses on f) Artificial Intelligence g) Block Chain h) IoT i) Labs for Robotics and IoT j) Python scripting for automation	Most of the suggested courses are already incorporated in the programme structure from 2019-23 onwards as Major and Minor specializations. Value added courses are conducted to keep students updated in the emerging technologies.
2	More hands on projects	Introduced PBL1, PBL2 and PBL3 to get more hands on projects
3	Focus more on real/societal problems, provide solution	Promoted students to identify societal/ real life problems and provide solution through PBL projects
4	Add training program on Network and Security	Cisco Networking Academy is in process to conduct various certification programs in the Networking domain.
5	EV oriented training	One unit is added in the course, if required VAC can be conducted



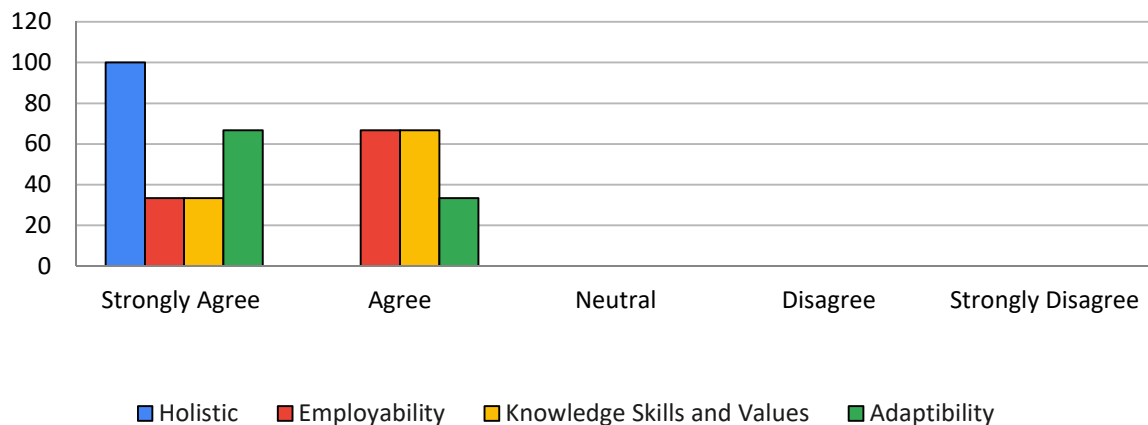
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Employers Feedback

Parameter	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Holistic	100	0	0	0	0	100
Employability	33.34	66.66	0	0	0	100
Knowledge Skills and Values	33.34	66.66	0	0	0	100
Adaptability	66.66	33.34	0	0	0	100

Employers Feedback Analysis (%) AY 2021-22



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: 2021 -22

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No. of Respondents :3

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	3				
2	The curriculum has a good blend of theory and practical aspects	1	2			
3	The students of the programme are adequately trained in terms of knowledge, skills and values	1	2			
4	The students of the programme demonstrates the ability to learn new things quickly, to adapt, to the dynamic environment	2	1			

Sr No	Question	Yes	No
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1	Would you recommend any new course / topic to be added in the program structure?	2	1
Summary of Feedback Analysis and Action Taken:			
Sr. No	Particulars / Action Point	Action Taken	
1	Add Courses on a) Data Structure & Analysis b) Artificial Intelligence c) Machine learning d) Finfet VLSI e) Agriculture IOT	Most of the suggested courses are already incorporated in the programme structure from 2019-23 onwards as Major and Minor specializations. We conducted value added course on Simulation Analysis and Design of CMOS Integrated Circuits. In this VAC emerging trends in VLSI technology has been covered.	

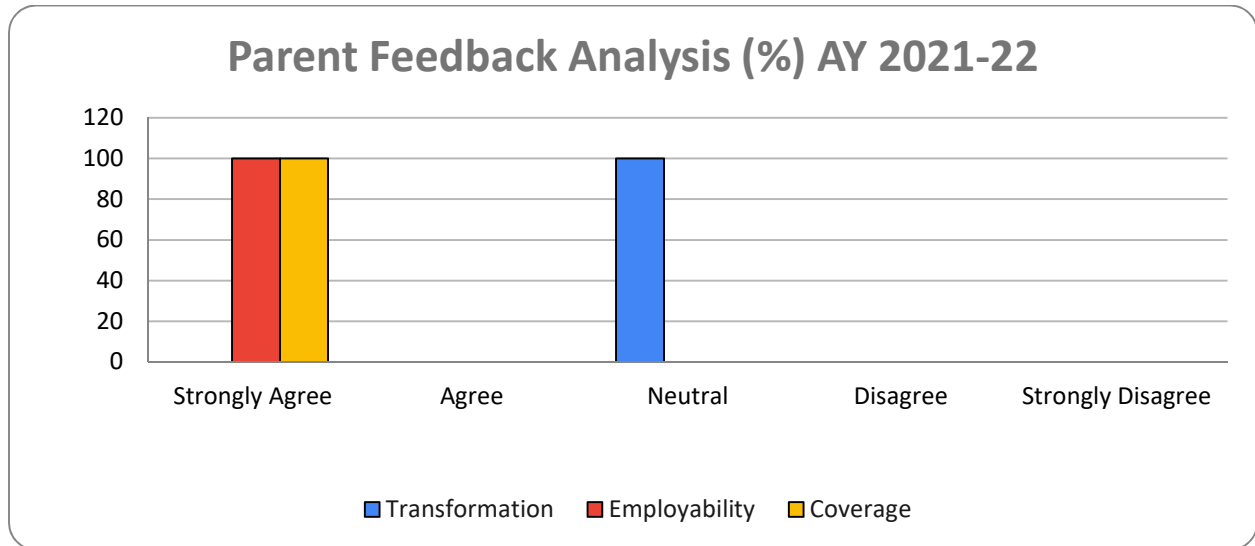


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Parent Feedback

Parameter	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Transformation	0	0	100	0	0	100
Employability	100	0	0	0	0	100
Coverage	100	0	0	0	0	100



Name of the Institute: Symbiosis Institute of Technology

Name of the Program: B.Tech Computer Science & Engineering

Parent feedback for design and review of syllabus

Academic Year: 2021-2022

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No. of Respondents :1

Questionnaire with parameter wise number of responses

Sr.No.	Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	There is a positive change in the behaviour of my ward after joining the Institute.			1		
2	The curriculum would make my ward employable and industry ready.	1				
3	The curriculum provides a choice of courses/specialization to select.	1				

Sr No	Question	Yes	No
1	Would you recommend any new course / topic to be added in the program structure?	0	1

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Summary of Feedback Analysis and Action Taken:

Sr. No	Particulars / Action Point	Action Taken
1	NA	NA



Pr Shaha

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