



SYMBIOSIS INSTITUTE OF TECHNOLOGY

Symbiosis International (Deemed University)

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

Re-accredited by NAAC with 'A++' Grade | 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)

Curriculum Feedback Collection, Analysis and Action Taken Report For Academic Year 2023-2024



SYMBIOSIS INSTITUTE OF TECHNOLOGY

Symbiosis International (Deemed University)

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

Re-accredited by NAAC with 'A++' Grade | 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)

Action Taken Report for Academic Year 2023-24

Sr No	Stakeholder	Action Points	Action Taken
1	Student	Courses on AI ML, Deep Learning	E&TC students can opt minor specializations in AIML, Data Science, IoT. More courses are added in AI ML domain from batch 2022-26
		More hands-on sessions	To enhance subject knowledge, problem-based learning courses have been introduced in the programme structure from batch 2019-23 onwards.
		Specialization courses in IoT, 5G Technologies and VLSI Design	More specialization electives are added in Embedded Systems, IoT, Communication Systems and VLSI Design from batch 2022-26 onwards
2	Faculty	Changes in the course names, which are having proprietary software names	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	
3	Alumni	Add courses on a) IoT b) Artificial Intelligence c) Block Chain d) More projects for hands on session e) Python scripting for automation f) Course on Electrical Vehicle	Most of the suggested courses are already incorporated in the programme structure from 2019-23 onwards as Major and Minor specializations. Project Based Learning course is added along with B.Tech Project to get more hands-on projects. Value added courses are conducted to keep students updated in the emerging technologies.
		Add training program on Network and Security	Training program by Cisco Networking Academy is conducted in Networking domain.



SYMBIOSIS INSTITUTE OF TECHNOLOGY

Symbiosis International (Deemed University)

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

Re-accredited by NAAC with 'A++' Grade | 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)

4	Employer	<p>Add Courses on</p> <ul style="list-style-type: none">a) Microcontrollersb) AI Mathematics for AIc) Advanced Pythond) Automation in Agriculturee) Agriculture IOTf) PCB Designg) VHDL/Verilog coding	<p>Most of the suggested courses are already incorporated in the programme structure from 2019-23 onwards as Major and Minor specializations. Courses such as Microcontrollers, PCB Design, VLSI Design are part of the curriculum.</p> <p>We conducted value added course on Signal Processing and Information Extraction: An Applied Perspective and Simulation Analysis and Design of CMOS Integrated Circuits. Also, as per requirement we do conduct value added course for the students.</p>
5	Parent	No Suggestions	NA



Dr. Pritesh Shah

Head of Department, E&TC, SIT, Pune



SYMBIOSIS INSTITUTE OF TECHNOLOGY

Symbiosis International (Deemed University)

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

Re-accredited by NAAC with 'A++' Grade | 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)

Detailed Feedback Analysis and Review for Academic Year 2023-2024

Sr. No.	Stakeholder	Number of Respondents
1	Students	213
2	Teachers	13
3	Employers/Industry Experts	16
4	Alumni	30
5	Parent	41



SYMBIOSIS INSTITUTE OF TECHNOLOGY

Symbiosis International (Deemed University)

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

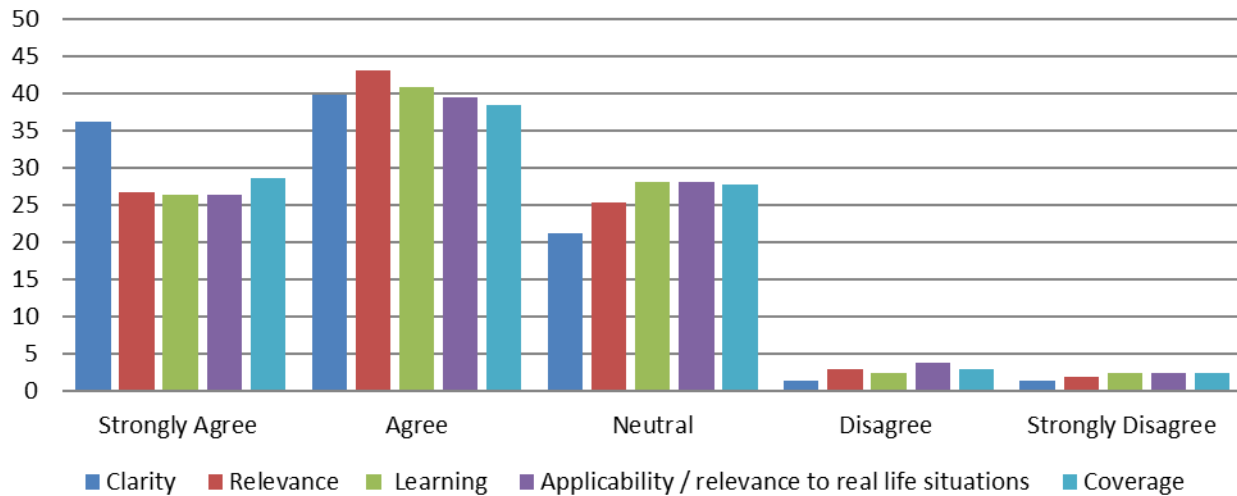
Re-accredited by NAAC with 'A++' Grade | Awarded Category - I by UGC

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

Students Feedback %

Parameter	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Clarity	36.15	39.91	21.13	1.41	1.41	100
Relevance	26.76	43.19	25.35	2.82	1.88	100
Learning	26.29	40.85	28.17	2.35	2.35	100
Applicability /relevance to real life situations	26.29	39.44	28.17	3.76	2.35	100
Coverage	28.64	38.5	27.7	2.82	2.35	100

Student Feedback Analysis (%) AY 2023-24





SYMBIOSIS INSTITUTE OF TECHNOLOGY

Symbiosis International (Deemed University)

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

Re-accredited by NAAC with 'A++' Grade | 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: 2023-2024

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: 213

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).	77	85	45	3	3
2	The curriculum is relevant to and provides for flexibility to meet my learning needs.	57	92	54	6	4
3	Adequate co-curricular learning opportunities are provided to me to support the curricular learning.	56	87	60	5	5
4	The course is relevant to the industry Requirements.	56	84	60	8	5
5	The number of hours allocated to the course are adequate.	61	82	59	6	5

Sr No	Question	Yes	No
-------	----------	-----	----



SYMBIOSIS INSTITUTE OF TECHNOLOGY

Symbiosis International (Deemed University)

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

Re-accredited by NAAC with 'A++' Grade | 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)

1	The topics were overlapping with the courses taught earlier / during the semester. If Yes, Name of such courses	25	181
2	Would you recommend any new course / topic to be added in the program structure?	9	249

Summary of Feedback Analysis and Action Taken:

Sr. No	Particulars / Action Point	Action Taken
1	Courses on AI ML, Deep Learning	E&TC students can opt minor specializations in AI LM, Data Science, IoT. More courses are added in AI ML domain from batch 2022-26
2	More hands-on sessions	To enhance subject knowledge, problem-based learning courses have been introduced in the programme structure from batch 2019-23 onwards.
3	Specialization courses in IoT, 5G Technologies and VLSI Design	More specialization electives are added in Embedded Systems, IoT, Communication Systems and VLSI Design from batch 2022-26 onwards



Dr. Pritesh Shah

Head of Department, E&TC, SIT, Pune



SYMBIOSIS INSTITUTE OF TECHNOLOGY

Symbiosis International (Deemed University)

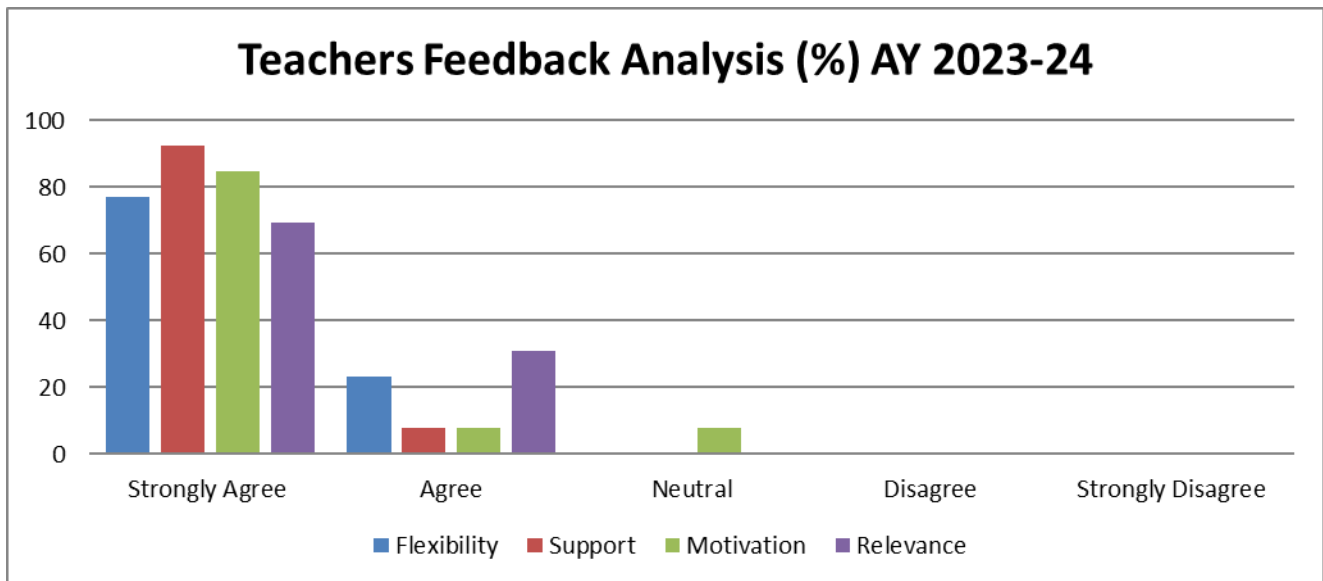
(Established under section 3 of the UGC Act, 1956)

Re-accredited by NAAC with 'A++' Grade | 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)

Teachers Feedback %

Parameter	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Flexibility	76.92	23.08	0	0	0	100
Support	92.31	7.69	0	0	0	100
Motivation	84.62	7.69	7.69	0	0	100
Relevance	69.23	30.77	0	0	0	100





SYMBIOSIS INSTITUTE OF TECHNOLOGY

Symbiosis International (Deemed University)

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

Re-accredited by NAAC with 'A++' Grade | 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						
Teachers feedback for design and review of syllabus						
Academic Year: 2022-2023						
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: 13						
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.	10	3	0	0	0
2	The faculty members / teachers are supported with adequate learning resources	12	1	0	0	0
3	The faculty members / teachers are encouraged to establish linkages with Industry.	11	1	1	0	0
4	The syllabus is relevant and adequate in terms of scope, depth and choice to help develop the required competencies amongst students	9	4	0	0	0



SYMBIOSIS INSTITUTE OF TECHNOLOGY

Symbiosis International (Deemed University)

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

Re-accredited by NAAC with 'A++' Grade | 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)

Sr No	Question	Yes	No
1	Would you recommend any new course / topic to be added in the program structure?	7	19

Summary of Feedback Analysis and Action Taken:

Sr. No	Particulars / Action Point	Action Taken
1	Changes in the course names, which are having proprietary software names	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	



Dr. Pritesh Shah

Head of Department, E&TC, SIT, Pune



SYMBIOSIS INSTITUTE OF TECHNOLOGY

Symbiosis International (Deemed University)

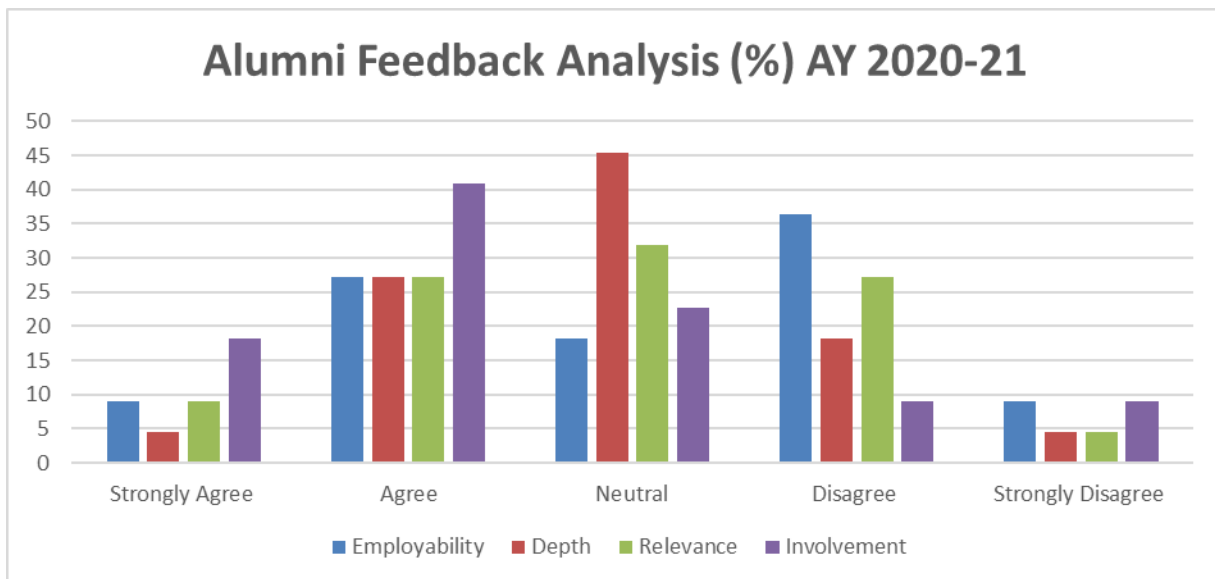
(Established under section 3 of the UGC Act, 1956)

Re-accredited by NAAC with 'A++' Grade | 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)

Alumni Feedback %

Parameter	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Employability	9.09	27.27	18.18	36.36	9.09	100
Depth	4.55	27.27	45.45	18.18	4.55	100
Relevance	9.09	27.27	31.82	27.27	4.55	100
Involvement	18.18	40.91	22.73	9.09	9.09	100





SYMBIOSIS INSTITUTE OF TECHNOLOGY

Symbiosis International (Deemed University)

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

Re-accredited by NAAC with 'A++' Grade | 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						
Alumni Feedback for design and review of syllabus						
Academic Year: 2022-2023						
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: 30						
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	5	13	11	1	0
2	The curriculum of the program is well designed and promotes learning experience of the students	7	11	8	3	0
3	The courses offered in the Institute have relevance to societal needs and employment potential	6	17	4	3	0
4	The institute encourages contribution from Alumni in curriculum and student development.	9	15	6	0	0



SYMBIOSIS INSTITUTE OF TECHNOLOGY

Symbiosis International (Deemed University)

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

Re-accredited by NAAC with 'A++' Grade | 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)

Sr No	Question	Yes	No
1	Would you recommend any new course / topic to be added in the program structure?	24	6

Summary of Feedback Analysis and Action Taken:

Sr. No	Particulars / Action Point	Action Taken
1	Add courses on a) IoT b) Artificial Intelligence c) Block Chain d) More projects for hands on session e) Python scripting for automation f) Course on Electrical Vehicle	Most of the suggested courses are already incorporated in the programme structure from 2019-23 onwards as Major and Minor specializations. Project Based Learning course is added along with B.Tech Project to get more hands on projects. Value added courses are conducted to keep students updated in the emerging technologies.
2	Add training program on Network and Security	Training program by Cisco Networking Academy was conducted in Networking domain.



Dr. Pritesh Shah

Head of Department, E&TC, SIT, Pune



SYMBIOSIS INSTITUTE OF TECHNOLOGY

Symbiosis International (Deemed University)

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

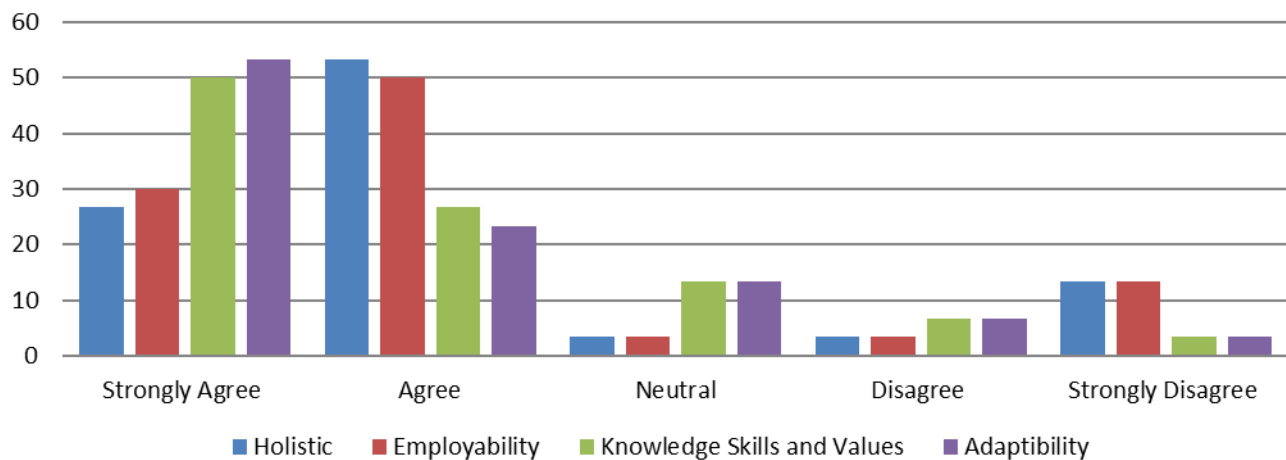
Re-accredited by NAAC with 'A++' Grade | Awarded Category - I by UGC

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

Employers Feedback %

Parameter	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Holistic	26.67	53.33	3.33	3.33	13.33	100
Employability	30	50	3.33	3.33	13.33	100
Knowledge Skills and Values	50	26.67	13.33	6.67	3.33	100
Adaptability	53.33	23.33	13.33	6.67	3.33	100

Employers Feedback Analysis (%) AY 2020-21





SYMBIOSIS INSTITUTE OF TECHNOLOGY

Symbiosis International (Deemed University)

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

Re-accredited by NAAC with 'A++' Grade | 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						
Employers feedback for design and review of syllabus						
Academic Year: 2022 -23						
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 :30						
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	8	16	1	1	4
2	The curriculum has a good blend of theory and practical aspects	9	15	1	1	4
3	The students of the programme are adequately trained in terms of knowledge, skills and values	15	8	4	2	1
4	The students of the programme demonstrates the ability to learn new things quickly, to adapt, to the dynamic environment	16	7	4	2	1



SYMBIOSIS INSTITUTE OF TECHNOLOGY

Symbiosis International (Deemed University)

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

Re-accredited by NAAC with 'A++' Grade | 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)

Sr No	Question	Yes	No
1	Would you recommend any new course / topic to be added in the program structure?	20	10

Summary of Feedback Analysis and Action Taken:

Sr. No	Particulars / Action Point	Action Taken
1	Add Courses on a) Microcontrollers b) AI Mathematics for AI c) Advanced Python d) Automation in Agriculture e) Agriculture IOT f) PCB Design g) VHDL/Verilog coding	Most of the suggested courses are already incorporated in the programme structure from 2019-23 onwards as Major and Minor specializations. Courses such as Microcontrollers, PCB Design, VLSI Design are part of the curriculum. We conducted value added course on Signal Processing and Information Extraction: An Applied Perspective and Simulation Analysis and Design of CMOS Integrated Circuits. Also, as per requirement we do conduct value added course for the students.



Dr. Pritesh Shah

Head of Department, E&TC, SIT, Pune



SYMBIOSIS INSTITUTE OF TECHNOLOGY

Symbiosis International (Deemed University)

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

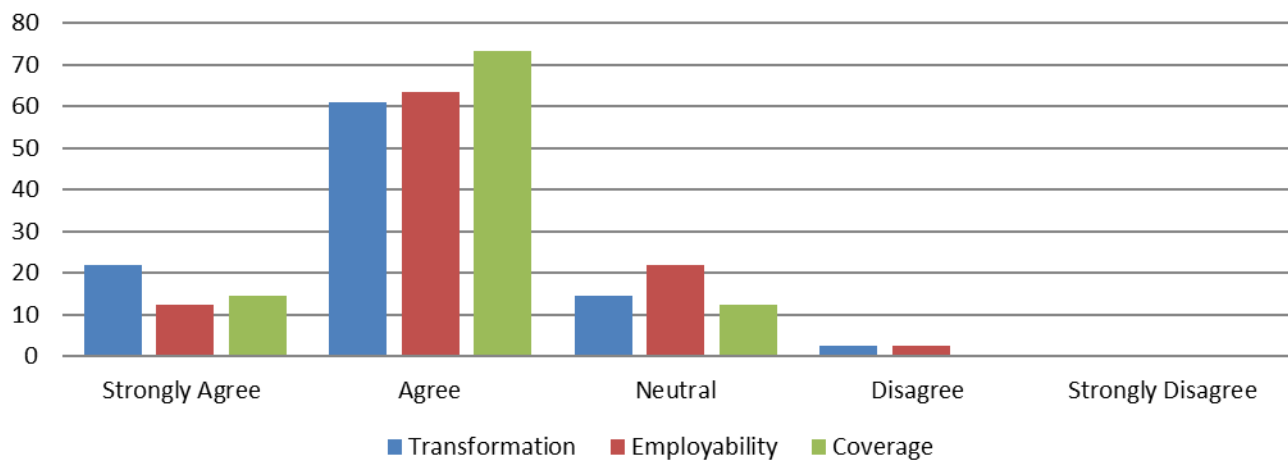
Re-accredited by NAAC with 'A++' Grade | Awarded Category - I by UGC

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

Parent Feedback

Parameter	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Transformation	21.95	60.98	14.63	2.44	0	100
Employability	12.2	63.41	21.95	2.44	0	100
Coverage	14.63	73.17	12.2	0	0	100

Parents Feedback Analysis (%) AY 2020-21





SYMBIOSIS INSTITUTE OF TECHNOLOGY

Symbiosis International (Deemed University)

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

Re-accredited by NAAC with 'A++' Grade | 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 Computer Science & Engineering						
Parent feedback for design and review of syllabus						
Academic Year: 2022-2023						
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: 41						
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.	9	25	6	1	0
2	The curriculum would make my ward employable and industry ready.	5	26	9	1	0
3	The curriculum provides a choice of courses/specialization to select.	6	30	5	0	0
Sr No	Question	Yes		No		
1	Would you recommend any new course / topic to be added in the program structure?	23		18		



SYMBIOSIS INSTITUTE OF TECHNOLOGY

Symbiosis International (Deemed University)

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

Re-accredited by NAAC with 'A++' Grade | 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)

Summary of Feedback Analysis and Action Taken:

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



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