



# 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 2022-2023**



# 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 2022-23

Sr No	Stakeholder	Action Points	Action Taken
1	Student	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
		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	<b>Employer</b>	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.
5	<b>Parent</b>	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)

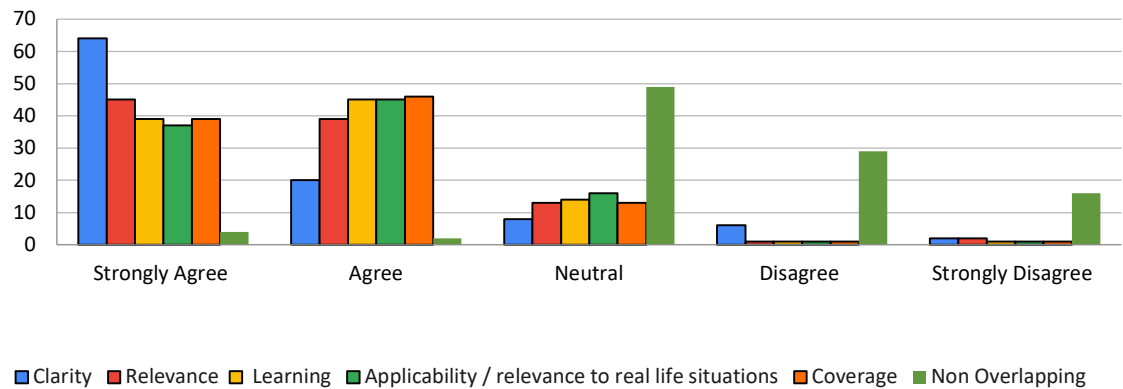
Re-accredited by NAAC with 'A++' Grade | Awarded Category - I by UGC

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

## Students Feedback %

Parameter	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Clarity	64	20	8	6	2	100
Relevance	45	39	13	1	2	100
Learning	39	45	14	1	1	100
Applicability / relevance to real life situations	37	45	16	1	1	100
Coverage	39	46	13	1	1	100
Non Overlapping	4	2	49	29	16	100

## Student Feedback Analysis (%) AY 2022-23





# 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: 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 : 258**

Sr No	Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	The course was overlapping with the courses taught earlier / during the semester.	10	4	127	75	42
2	I was informed about our expected competencies, course outcomes (CO) and programme outcomes(PO)	165	55	20	15	3
3	The curriculum is relevant to and provides for flexibility to meet my learning needs	115	100	33	2	3
4	Adequate co-curricular learning opportunities are provided to me to support the curricular learning	100	118	36	2	3
5	The course is relevant to the industry requirements.	95	115	43	2	3
6	The number of hours allocated to the course are adequate.	100	120	33	2	3



# 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	The topics were overlapping with the courses taught earlier / during the semester. If Yes, Name of such courses	28	230
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)

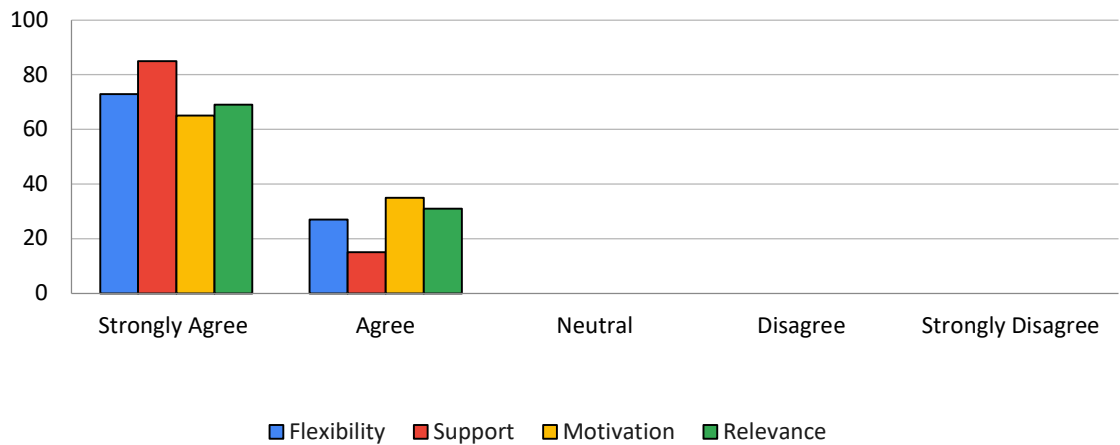
Re-accredited by NAAC with 'A++' Grade | Awarded Category - I by UGC

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	73	27	0	0	0	100
Support	85	15	0	0	0	100
Motivation	65	35	0	0	0	100
Relevance	69	31	0	0	0	100

## Teachers Feedback Analysis (%) AY 2022-23





# 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)

<b>Name of the Institute: Symbiosis Institute of Technology</b>						
<b>Name of the Program: B.Tech Electronics and Telecommunication</b>						
<b>Teachers feedback for design and review of syllabus</b>						
<b>Academic Year: 2022-2023</b>						
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.						
<b>No. of Respondents :26</b>						
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.	19	7			
2	The faculty members / teachers are supported with adequate learning resources	22	4			
3	The faculty members / teachers are encouraged to establish linkages with Industry.	17	9			
4	The syllabus is relevant and adequate in terms of scope, depth and choice to help develop the required competencies amongst students	18	8			



# 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)

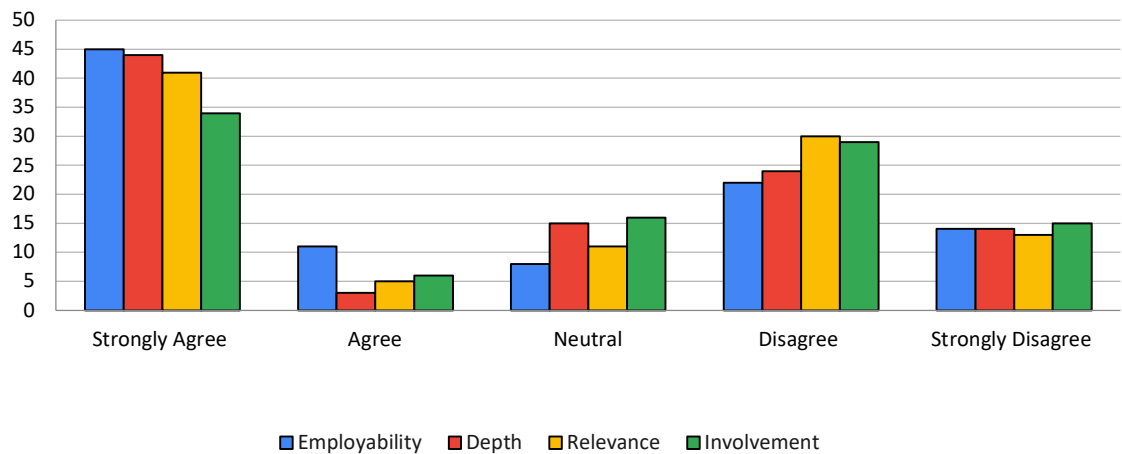
Re-accredited by NAAC with 'A++' Grade | Awarded Category - I by UGC

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	45	11	8	22	14	100
Depth	44	3	15	24	14	100
Relevance	41	5	11	30	13	100
Involvement	34	6	16	29	15	100

Alumni Feedback Analysis (%) AY 2022-23





# 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)

<b>Name of the Institute: Symbiosis Institute of Technology</b>						
<b>Name of the Program: B.Tech Electronics and Telecommunication</b>						
<b>Alumni feedback for design and review of syllabus</b>						
<b>Academic Year: 2022-2023</b>						
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.						
<b>No. of Respondents :66</b>						
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	30	7	5	15	9
2	The curriculum of the program is well designed and promotes learning experience of the students	29	2	10	16	9
	The courses offered in the Institute have relevance to societal needs and employment potential	27	3	7	20	9
3	The institute encourages contribution from Alumni in curriculum and student development.	23	4	10	19	10



# 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?	39	27

## 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)

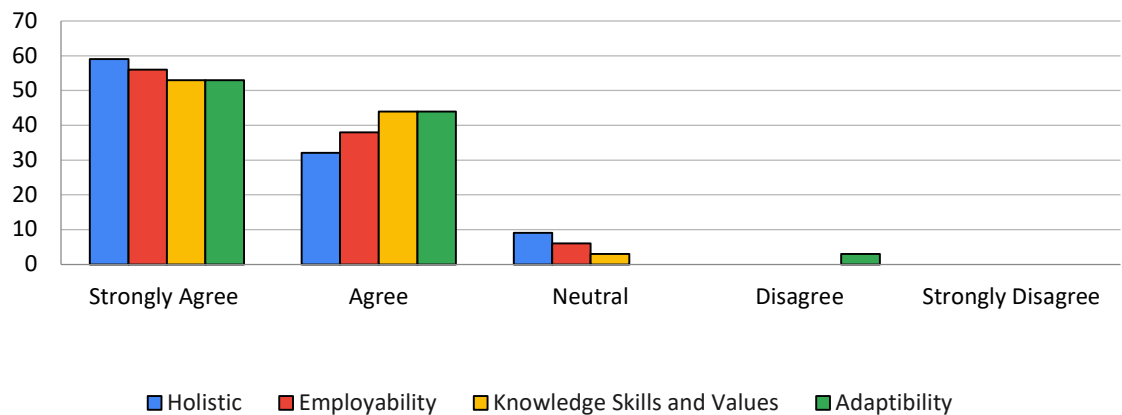
Re-accredited by NAAC with 'A++' Grade | Awarded Category - I by UGC

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	59	32	9	0	0	100
Employability	56	38	6	0	0	100
Knowledge Skills and Values	53	44	3	0	0	100
Adaptability	53	44	0	3	0	100

## Employers Feedback Analysis (%) AY 2022-23





# 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)

<b>Name of the Institute: Symbiosis Institute of Technology</b>						
<b>Name of the Program: B.Tech Electronics and Telecommunication</b>						
<b>Employers feedback for design and review of syllabus</b>						
<b>Academic Year: 2022 -23</b>						
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.						
<b>No. of Respondents :34</b>						
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	20	11	3	0	
2	The curriculum has a good blend of theory and practical aspects	19	13	2	0	
3	The students of the programme are adequately trained in terms of knowledge, skills and values	18	15	1	0	
4	The students of the programme demonstrate the ability to learn new things quickly, to adapt, to the dynamic environment	18	15	0	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?	21	13

## 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)

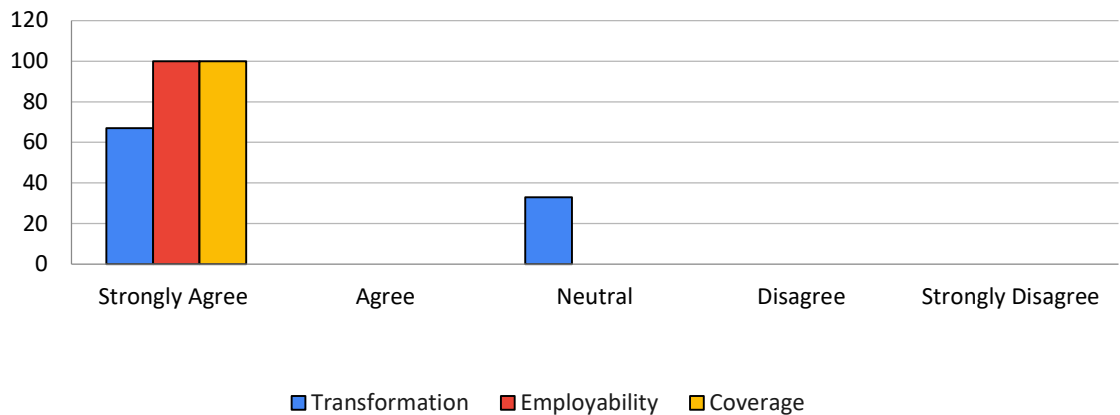
Re-accredited by NAAC with 'A++' Grade | Awarded Category - I by UGC

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	67	0	33	0	0	100
Employability	100	0	0	0	0	100
Coverage	100	0	0	0	0	100

### Parent Feedback Analysis (%) AY 2022-23





# 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)

<b>Name of the Institute: Symbiosis Institute of Technology</b>						
<b>Name of the Program: B.Tech Computer Science &amp; Engineering</b>						
<b>Parent feedback for design and review of syllabus</b>						
<b>Academic Year: 2022-2023</b>						
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.						
<b>No. of Respondents :3</b>						
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.	2		1		
2	The curriculum would make my ward employable and industry ready.	3				
3	The curriculum provides a choice of courses/specialization to select.	3				
Sr No	Question	Yes		No		
1	Would you recommend any new course / topic to be added in the program structure?	0		3		



# 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