



**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)

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# Curriculum Feedback Collection, Analysis and Action Taken Report for Academic Year 2022-23



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## 1.4.2 Feedback Analysis (B.Tech CSE)

For Academic Year 2022-2023

Sr. No.	Stakeholder	Suggestions	Remark
1	Students	Programming in C, Basics of C, Fundamentals of Data Structures, C programming, Programming and Problem Solving and Python, Basics of the above mentioned courses need to be given more emphasis at the beginning of these lab courses	These courses are already included in the curriculum and Respective faculty are advised to improve the said courses pedagogy
2	Teachers	More hands on practice needed in Data Warehousing and Mining lab, Cyber Security contents need to be revised	Data Warehousing and Mining lab syllabus update is in process, Cyber Security course syllabus update is in process
3	Employers/Industry Experts	Development Tools and Practices, Spring and Spring Boot	Value added courses are proposed
4	Alumni	Cybersecurity and Data Engineering. Hands on, Add courses which make students more industry ready, UI/UX, Data structure extensive focus	Already proposed by the faculty members, Related Specialization and elective subjects are already there in the curriculum,



संयुक्त विश्वविद्यालय

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		on competitive programming	Student Development Program including UI/UX sessions conducted, Respective faculty informed about this and requested to plan pedagogy accordingly
5	Parent	Curriculum feedback is good	NA



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## Detailed Feedback Analysis and Review for Academic Year 2022-2023

Sr. No.	Stakeholder	Number of Respondents
1	Students	294
2	Teachers	28
3	Employers/Industry Experts	4
4	Alumni	24
5	Parent	3



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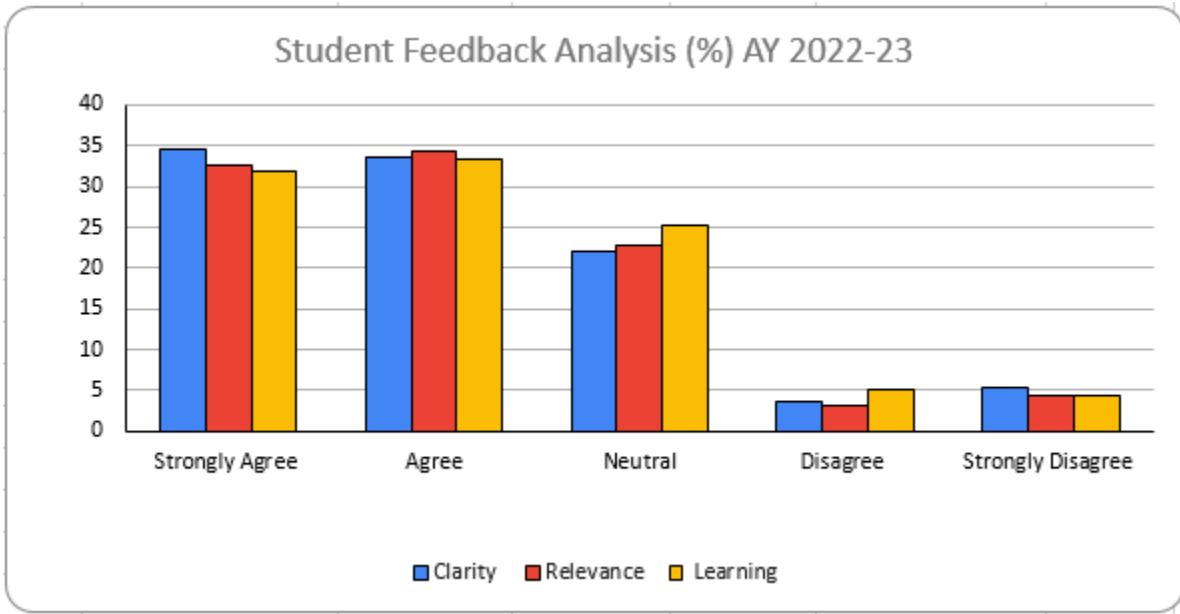
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## Students Feedback %

Parameter	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Clarity	34.69	33.67	22.11	3.74	5.44	99.65
Relevance	32.65	34.35	22.79	3.06	4.42	97.27
Learning	31.97	33.33	25.17	5.1	4.42	99.99





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**Name of the Institute: Symbiosis Institute of Technology**

**Name of the Program: B. Tech Computer Science and Engineering**

## 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: 294**

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)	102	99	65	11	16
2	The curriculum is relevant to and provides for flexibility to meet my learning needs	96	101	67	9	13
3	Adequate co-curricular learning opportunities are provided to me to support the curricular learning	94	98	74	15	13

Sr. No	Question	Yes	No
1	The topics were overlapping with the courses taught earlier / during the semester. If Yes, Name of such courses	25	174
2	Would you recommend any new course / topic to be added in the program structure?	14	176



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## Summary of Feedback Analysis and Action Taken:

Sr. No	Particulars / Action Point	Action Taken
1	Programming in C , Basics of C, Fundamentals of Data Structures, C programming, Programming and Problem Solving and Python	These courses are already included in the curriculum
2	Basics of the above mentioned courses need to be given more emphasis at the beginning of these lab courses	Respective faculty are advised to improve the said courses pedagogy



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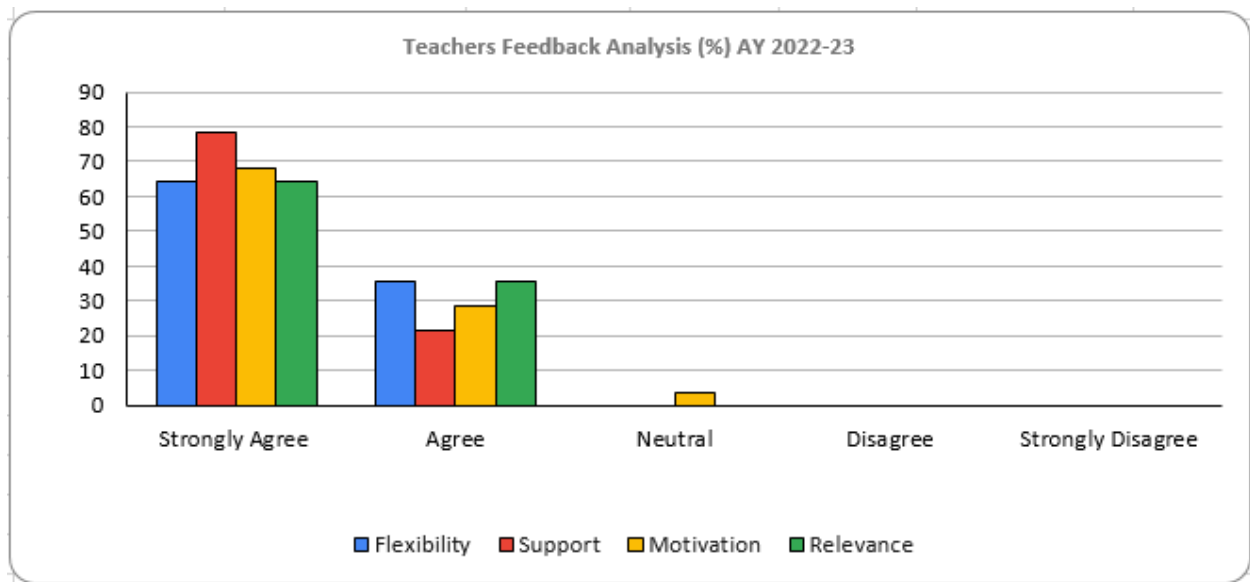
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## Teachers Feedback %

Parameter	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Flexibility	64.29	35.71	0	0	0	100
Support	78.57	21.43	0	0	0	100
Motivation	67.86	28.57	3.57	0	0	100
Relevance	64.29	35.71	0	0	0	100





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**Name of the Institute: Symbiosis Institute of Technology**

**Name of the Program: B. Tech Computer Science and Engineering**

## Teachers Feedback for design and review of syllabus

**Academic Year: 2022-2023**

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**No. of Respondents :28**

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.	26	6			
2	The faculty members / teachers are supported with adequate learning resources	22	9	1		
3	The faculty members / teachers are encouraged to establish linkages with Industry.	25	7			
4	The syllabus is relevant and adequate in terms of scope, depth and choice to help develop the required competencies amongst students	18	14			



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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	26

## Summary of Feedback Analysis and Action Taken:

Sr. No	Particulars / Action Point	Action Taken
1	More hands on practice needed in Data Warehousing and Mining lab	Data Warehousing and Mining lab syllabus update is in process
2	Cyber Security contents need to be revised	Cyber Security course syllabus update is in process



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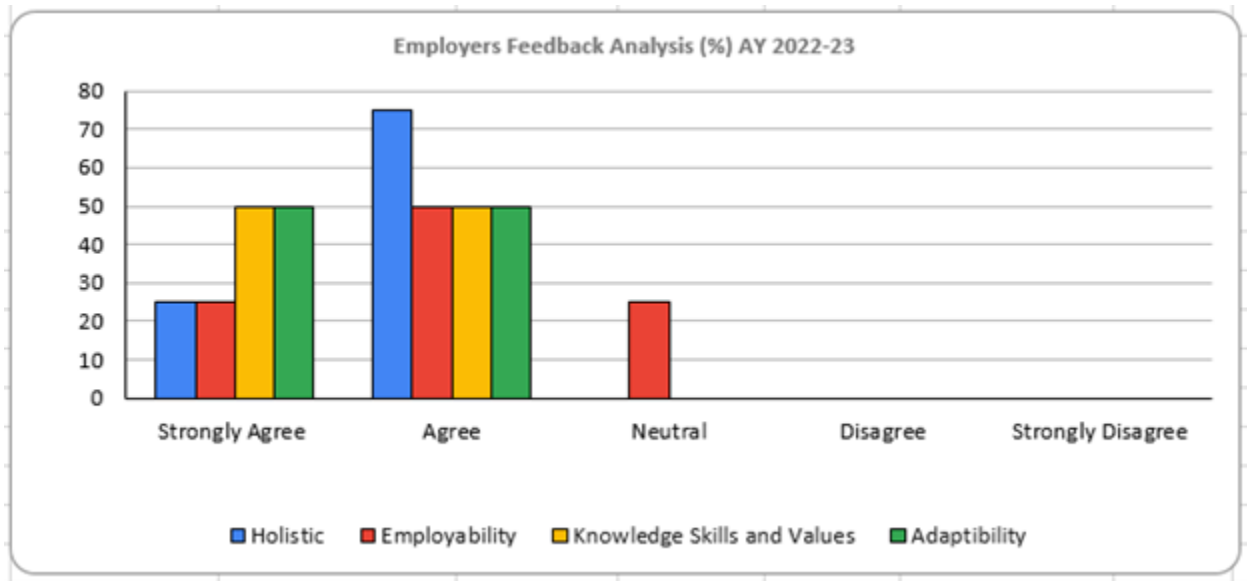
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## Employers Feedback %

Parameter	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Holistic	25	75	0	0	0	100
Employability	25	50	25	0	0	100
Knowledge Skills and Values	50	50	0	0	0	100
Adaptability	50	50	0	0	0	100





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**Name of the Institute: Symbiosis Institute of Technology**

**Name of the Program: B. Tech Computer Science and Engineering**

## Employers Feedback for design and review of syllabus

**Academic Year: 2022 -23**

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**No. of Respondents :4**

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



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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	2

Summary of Feedback Analysis and Action Taken:

Sr. No	Particulars / Action Point	Action Taken
1	Development Tools and Practices, Spring and Spring Boot	Value added courses are proposed



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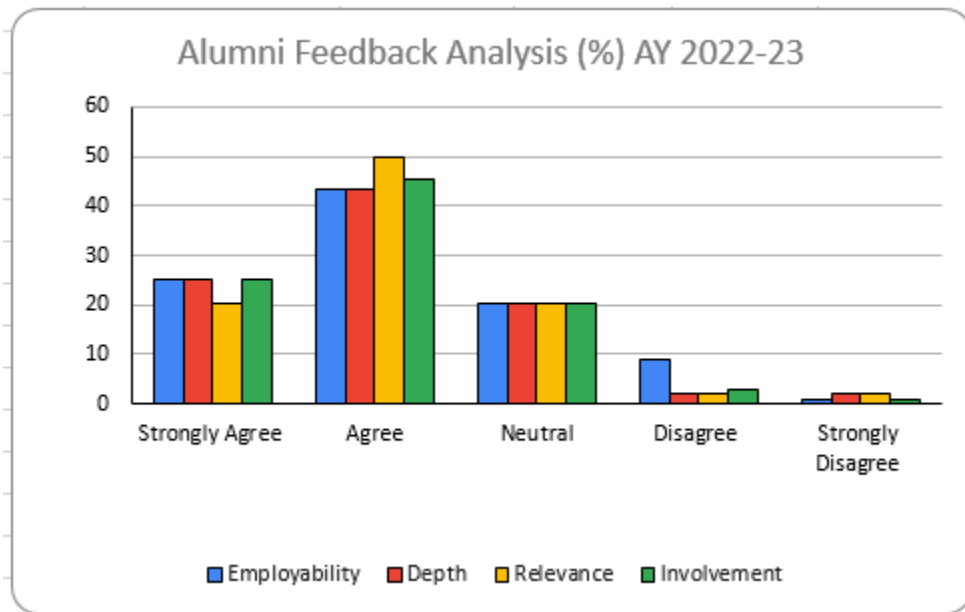
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## Alumni Feedback %

Parameter	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Employability	25	43.2	20.5	9.1	1	100
Depth	25	43.5	20.5	2	2	100
Relevance	20.5	50	20.5	2	2	100
Involvement	25	45.5	20.5	3	1	100





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**Alumni Feedback for design and review of syllabus**

**Academic Year: 2022-2023**

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**No. of Respondents :24**

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	6	10	5	2	1
2	The curriculum of the program is well designed and promotes learning experience of the students	6	11	5	1	1
3	The courses offered in the Institute have relevance to societal needs and employment potential	5	12	5	1	1
4	The institute encourages contribution from Alumni in curriculum and student development.	6	11	5	1	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?	11	13

Summary of Feedback Analysis and Action Taken:

Sr. No	Particulars / Action Point	Action Taken
1	Cybersecurity and Data Engineering. Hands on	Already proposed by the faculty members
2	Add courses which make students more industry ready	Related Specialization and elective subjects are already there in the curriculum
3	UI/UX	Student Development Program including UI/UX sessions conducted
4	Data structure extensive focus on competitive programming	Respective faculty informed about this and requested to plan pedagogy accordingly



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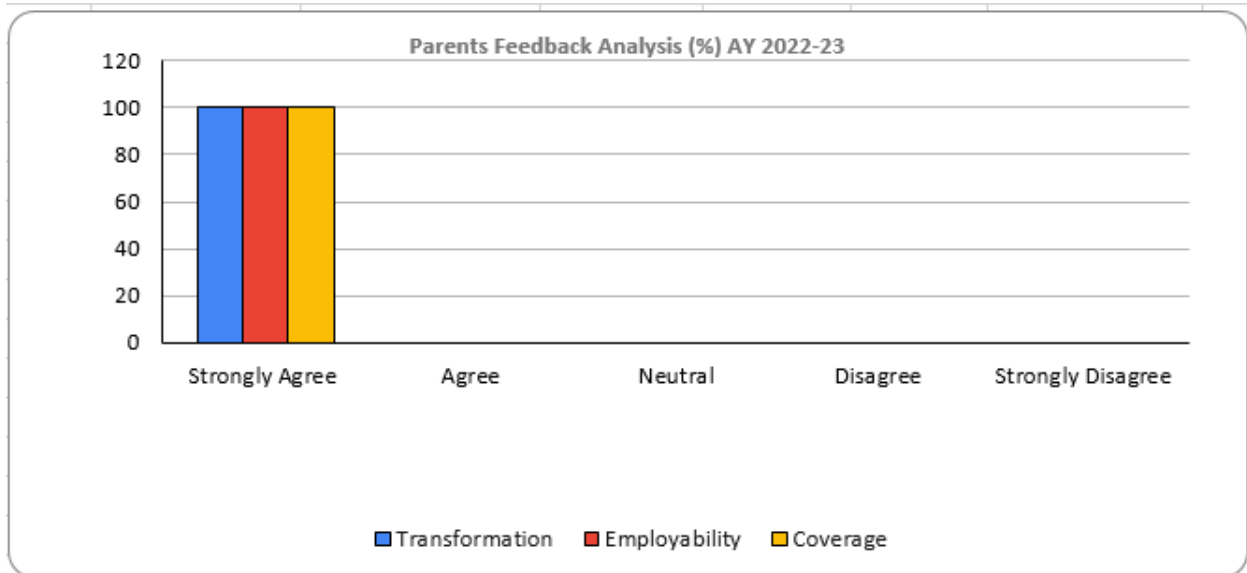
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## Parents Feedback %

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





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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	There is a positive change in the behavior of my ward after joining the Institute.	3				
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



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## Summary of Feedback Analysis and Action Taken:

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