



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**



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Action Taken Report for Academic Year 2022-23

| Sr No | Particulars / Action Point | Action Taken |
|-------|---|--|
| 1 | Students Feedback: Site visit should be added as a mandatory course as it is floated to the architectural students. | Due to limited available credits, the resolution is not passed as introducing site visits as a new course with credit may impact core subjects of Civil Engineering but can be planned beyond the curriculum as it is already in practice. |
| 2 | Faculty Feedback: The modifications in the subjects as in Waste Management System and its lab, Sustainable Construction Methods, Sustainable Construction Methods, IOT for Smart Cities and its lab, Application of Sensor Technologies to Smart Cities, Environmental systems lab, Advanced Structural Analysis lab | The syllabus copies for each course, with minute modifications, were discussed in detail and the suggestions proposed to be incorporated subject-wise. |
| 3 | Alumni Feedback: Latest software's for analysis of problems | The simulation-based laboratory practical's are already added in the curriculum. |
| 4 | Employer Feedback: To introduce to the BIM Ready Architecture, Revit Architecture | Proposed in the form of value-added courses |

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Detailed Feedback Analysis and Review for Academic Year 2022-2023

| Sr No | Stakeholder | Number of Respondents |
|-------|----------------------------|-----------------------|
| 1 | Students | 459 |
| 2 | Teachers | 10 |
| 3 | Employers/Industry Experts | 2 |
| 4 | Alumni | 2 |

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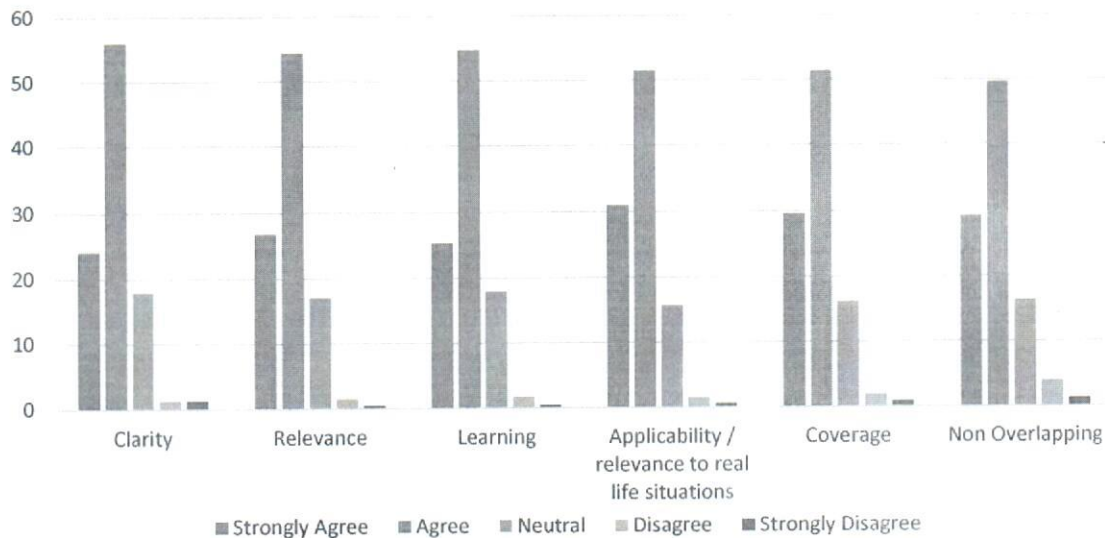
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Students Feedback %

| Parameters | Strongly Agree | Agree | Neutral | Disagree | Strongly Disagree | Total |
|---|----------------|-------|---------|----------|-------------------|--------|
| Clarity | 24.18 | 55.99 | 17.86 | 1.31 | 1.31 | 100.65 |
| Relevance | 26.80 | 54.47 | 16.99 | 1.53 | 0.44 | 100.22 |
| Learning | 25.27 | 54.90 | 17.86 | 1.74 | 0.44 | 100.22 |
| Applicability / relevance to real life situations | 30.94 | 51.63 | 15.69 | 1.53 | 0.65 | 100.44 |
| Coverage | 29.63 | 51.42 | 16.12 | 1.96 | 0.87 | 100.00 |
| Non Overlapping | 29.19 | 49.67 | 16.34 | 3.92 | 1.31 | 100.44 |

Students Feedback Analysis (%) AY 2022-23



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| Name of the Institute: Symbiosis Institute of Technology | | | | | | |
|---|---|--|-------|---------|----------|-------------------|
| Name of the Program: B.Tech Civil Engineering | | | | | | |
| Students Feedback for design and review of syllabus | | | | | | |
| Academic Year: 2022-2023 | | | | | | |
| Revision in the syllabi are made in consonance with the advancement in the technology. The development of an effective educational curriculum is a multi-step, continuous and cyclical process. The process progresses from the evaluation of the existing program, the design of the enhanced program, the adoption of the proposed program, and the analysis of the revised program. Dynamic core curriculum revisions are done in accordance with faculty members, qualified educators, committed students, supportive parents, and industry representatives. These stakeholders contribute to the quality in learning that SIT strive to achieve. 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 :459 | | | | | | |
| 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)* | 111 | 257 | 82 | 6 | 6 |
| 2 | The curriculum is relevant to and provides for flexibility to meet my learning needs | 123 | 250 | 78 | 7 | 2 |
| 3 | Adequate co-curricular learning opportunities are provided to me to support the curricular learning | 116 | 252 | 82 | 8 | 2 |
| Sr.No. | Question | Yes | No | | | |
| 1 | The topics were overlapping with the courses taught earlier / during the semester. If Yes, name such topics with course details | 12 | 447 | | | |
| 2 | Would you recommend any new course / topic to be added in the program structure? | 2 | 457 | | | |
| Summary of Feedback Analysis and Action Taken: | | | | | | |
| Sr.No | Particulars / Action Point | Action Taken | | | | |
| 1 | Students Feedback: Site visit should be added as a mandatory course as it is floated to the architectural students. | Due to limited available credits, the resolution is not passed as introducing site visits as a new course with credit may impact core subjects of Civil Engineering but can be planned beyond the curriculum as it is already in practice. | | | | |

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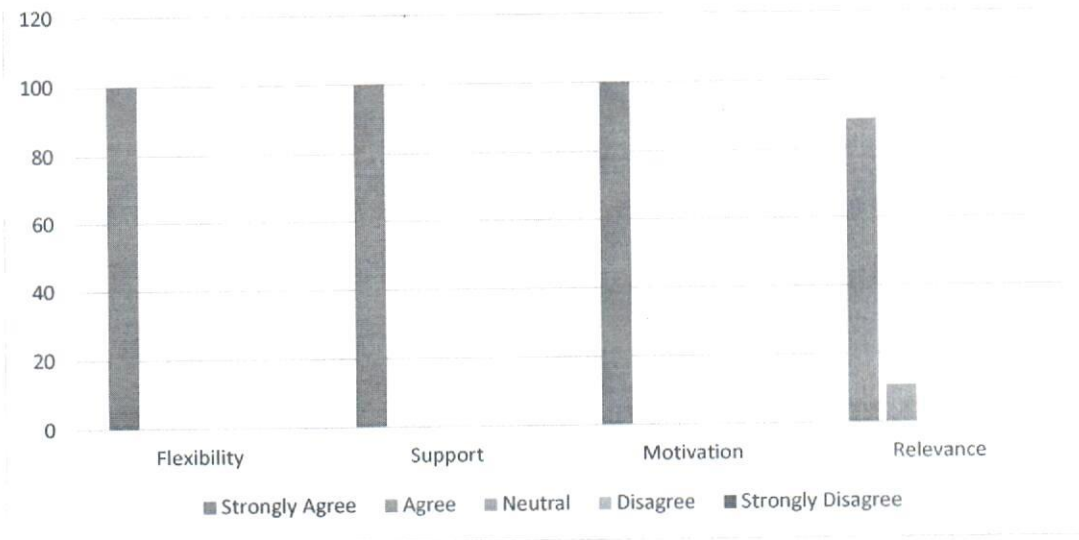
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Teachers Feedback %

| Parameter | Strongly Agree | Agree | Neutral | Disagree | Strongly Disagree | Total |
|-------------|----------------|-------|---------|----------|-------------------|--------|
| Flexibility | 100.00 | 0.00 | 0 | 0 | 0 | 100.00 |
| Support | 100.00 | 0.00 | 0 | 0 | 0 | 100.00 |
| Motivation | 100.00 | 0.00 | 0 | 0 | 0 | 100.00 |
| Relevance | 88.89 | 11.11 | 0 | 0 | 0 | 100.00 |

Teachers Feedback Analysis (%) AY 2022-23



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|---|---|--|-------|---------|----------|-------------------|
| Name of the Program: B.Tech Civil Engineering | | | | | | |
| 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 takeholders. 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 : 9 | | | | | | |
| 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. | 9 | 0 | | | |
| 2 | The faculty members/teachers are supported with adequate learning resources. | 9 | 0 | | | |
| 3 | The faculty members/teachers are encouraged to establish linkages with Industry. | 9 | 0 | | | |
| 4 | The syllabus is relevant and adequate in terms of scope, depth, and choice to help develop the required competencies amongst students. | 8 | 1 | | | |
| Sr.No. | Question | Parameters | | | | |
| | | Yes | No | | | |
| 1 | Would you recommend any new course/topic to be added in the program structure? | 2 | 7 | | | |
| Summary of Feedback Analysis and Action Taken: | | | | | | |
| Sr.No | Particulars / Action Point | Action Taken | | | | |
| 1 | Faculty Feedback: The modifications in the subjects as in Waste Management System and its lab, Sustainable Construction Methods, Sustainable Construction Methods, IOT for Smart Cities and its lab, Application of Sensor Technologies to Smart Cities, Environmental systems lab, Advanced Structural Analysis lab | The syllabus copies for each course, with minute modifications, were discussed in detail and the suggestions proposed to be incorporated subject-wise. | | | | |

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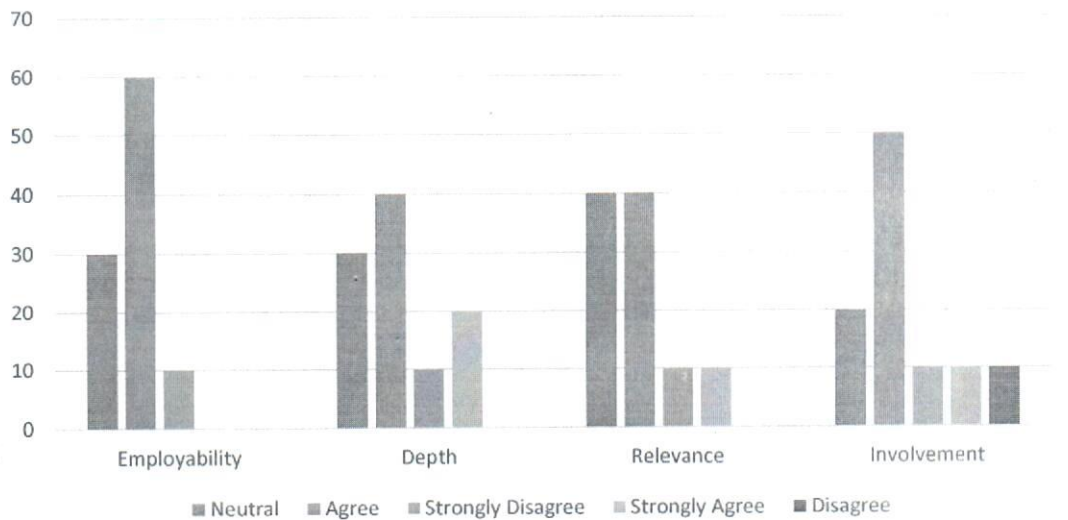
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Alumni Feedback %

| Parameters | Neutral | Agree | Strongly Disagree | Strongly Agree | Disagree |
|---------------|---------|-------|-------------------|----------------|----------|
| Employability | 30 | 60 | 10 | 0 | 0 |
| Depth | 30 | 40 | 10 | 20 | 0 |
| Relevance | 40 | 40 | 10 | 10 | 0 |
| Involvement | 20 | 50 | 10 | 10 | 10 |

Alumni Feedback Analysis (%) AY 2022-23




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|--|--|--|-------|-------------------|----------------|----------|
| Name of the Program: B.Tech Civil Engineering | | | | | | |
| 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 : 10 | | | | | | |
| Questionnaire with parameter wise number of responses | | | | | | |
| Sr.No. | Question | Neutral | Agree | Strongly Disagree | Strongly Agree | Disagree |
| 1 | The institute curriculum has prepared me adequately for the job roles, I have handled and been handling. | 3 | 6 | 1 | 0 | 0 |
| 2 | The curriculum of the program is well designed and promotes learning experience of the students. | 3 | 4 | 1 | 2 | 0 |
| 3 | The courses offered in the Institute have relevance to societal needs and employment potential. | 4 | 4 | 1 | 1 | 0 |
| 4 | The institute encourages contribution from Alumni in curriculum and student development. | 2 | 5 | 1 | 1 | 1 |
| Sr.No. | Question | Parameters | | | | |
| | | No | Yes | | | |
| 1 | Would you recommend any new course/topic to be added in the program structure? | 7 | 3 | | | |
| Summary of Feedback Analysis and Action Taken: | | | | | | |
| Sr.No | Particulars / Action Point | Action Taken | | | | |
| 1 | Alumni Feedback: Latest software's for analysis of problems | The simulation-based laboratory practical's are already added in the curriculum. | | | | |

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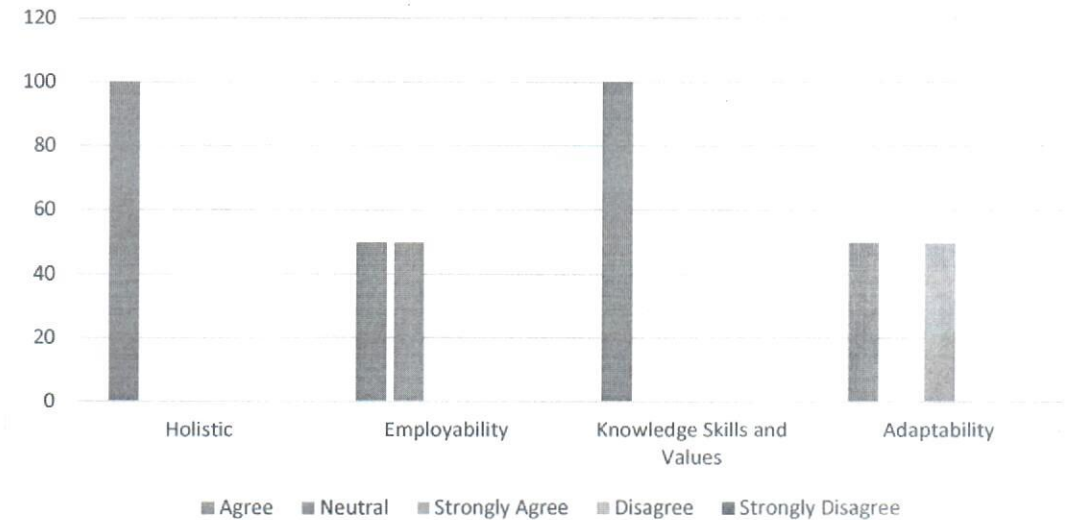
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Employer's Feedback %

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

Employer's Feedback Analysis (%) AY 2022-23




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| No. of Respondents : 2 | | | | |
| Questionnaire with parameter wise number of responses | | | | |
| Sr.No. | Question | Agree | Neutral | Strongly Agree |
| 1 | The curriculum has a good blend of theory and practical aspects | 2 | 0 | 0 |
| 2 | The students of the programme are adequately trained in terms of knowledge, skills and values | 1 | 1 | 0 |
| 3 | The students of the programme demonstrates the ability to learn new things quickly, to adapt, to the dynamic environment | 2 | 0 | 0 |
| 4 | The courses offered in the Institute have relevance to societal needs and employment potential. | 1 | 0 | 1 |
| Sr.No. | Question | Parameters | | |
| | | Yes | No | |
| 1 | Would you recommend any new course/topic to be added in the program structure? | 2 | | |
| Summary of Feedback Analysis and Action Taken: | | | | |
| Sr.No | Particulars / Action Point | Action Taken | | |
| 1 | Employer Feedback: To introduce to the BIM Ready Architecture, Revit Architecture | Proposed in the form of value-added courses | | |

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