



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)

| Name of the Institute: Symbiosis Institute of Technology | | | | | | |
|--|---|----------------|-------|---------|----------|-------------------|
| Name of the Program: B.Tech Civil | | | | | | |
| Students Feedback for design and review of syllabus | | | | | | |
| Academic Year: 2019-2020 | | | | | | |
| Revisions 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 :145 | | | | | | |
| The students' feedback on curriculum is taken via LMS, as well as in open house. 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) | 17 | 49 | 67 | 7 | 7 |
| 2 | The curriculum is relevant to and provides for flexibility to meet my learning needs | 16 | 66 | 52 | 5 | 6 |
| 3 | Adequate co- | 13 | 54 | 63 | 5 | 10 |



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| | | | | | |
|---|--|--|--|--|--|
| curricular learning opportunities are provided to me to support the curricular learning | | | | | |
|---|--|--|--|--|--|

| Sr No | Question | Yes | No |
|-------|--|-----|-----|
| 1 | The topics were overlapping with the courses taught earlier / during the semester. If Yes, Name of such courses | 2 | 143 |
| 2 | Would you recommend any new course / topic to be added in the program structure? | 48 | 97 |

Summary of Feedback Analysis and Action Taken:

| Sr. No | Particulars / Action Point | Action Taken |
|--------|--|---|
| 1 | Students Feedback: The new course or topics which needs to be added are- Infrastructure and transportation, Infrastructure design, R, Python Highway bridges and dams, | 1) Added course in the form of specialization, some of the courses can be taken up as flexi courses, some of them are included in electives. The project work and problem-based learning can be taken up to imbibe software's hands on trainings. The software R and python and to get more practical knowledge, these can be introduced in project-based learning courses. |



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| |
|--|
| Software related courses |
| Maintenance and rehabilitation of Structures |
| Modern techniques for construction |
| Tendering and contracts |
| Coastal engineering, Urban engineering |
| Town planning |
| Management courses for Civil Engineers |

Dr. Kanchan Khare
Name and Signature of HoD



Name of the student: Atharva Ganegaonkar

Batch: 2017-21

Lavale, Pune 412115, Maharashtra, India | Tel.: +91-20-39116300 | Fax: +91-20-39116460 Email:

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| Name of the Program: B.Tech Civil | | | | | | |
|---|--|----------------|-------|---------|----------|-------------------|
| Teachers Feedback for design and review of syllabus | | | | | | |
| Academic Year: 2019-2020 | | | | | | |
| Revisions 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 :10 | | | | | | |
| The faculty feedback on curriculum is taken via LMS, as well as in departmental meetings on curriculum development. | | | | | | |
| 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 | 1 | | | |
| 2 | The faculty members / teachers are supported with adequate learning resources | 8 | 2 | | | |
| 3 | The faculty members / teachers are encouraged to establish linkages with Industry. | 10 | | | | |
| 4 | The syllabus is relevant and | 10 | | | | |



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| | | | | | | |
|--|---|--|--|--|--|--|
| | adequate in terms of scope, depth and choice to help develop the required competencies amongst students | | | | | |
|--|---|--|--|--|--|--|

| Sr No | Question | Yes | No |
|-------|--|-----|----|
| 1 | Would you recommend any new course / topic to be added in the program structure? | 2 | 8 |

Summary of Feedback Analysis and Action Taken:

| Sr. No | Particulars / Action Point | Action Taken |
|--------|--|---|
| 1 | There is ample scope to include new course as a flexi course. However, students should have the option of pursuing a minor in other disciplines. | We will decide it based on students' interest. Open electives could be the choice for opting other discipline course. |
| 2 | To add courses on Road safety or advanced technologies | Based on students interest we can offer it as a flexi course or value-added course. All the suggestions from faculty on revision of the syllabus is well taken. For any further overlapping, revision of the syllabi will be considered at the time of offering in the respective courses |
| 3 | From International Guests visited to the Department Dr. S Neelamani, Kuwait Institute for Scientific Research- Suggested modifications in Port and | Modifications are done |

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| | | |
|--|------------------------------|--|
| | Harbor Engineering syllabus. | |
|--|------------------------------|--|

KCKhare

Dr. Kanchan Khare

Name and Signature of HoD





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| Name of the Institute: Symbiosis Institute of Technology | | | | | | |
|---|---|----------------|-------|---------|----------|-------------------|
| Name of the Program: B.Tech Civil | | | | | | |
| Alumni Feedback for design and review of syllabus | | | | | | |
| Academic Year: 2019-2020 | | | | | | |
| 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. 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 :19 | | | | | | |
| The Alumni feedback on curriculum is taken via LMS, as well as in departmental alumni meets. An additional protocol is followed, when Alumina visits department the feedback from on curriculum development is requested. | | | | | | |
| 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 | 8 | 7 | 4 | | |
| 2 | The curriculum of the program is well designed and promotes learning experience of the students | 11 | 6 | 1 | | |
| | The courses offered in the Institute have relevance to societal needs | 6 | 6 | 7 | | |

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| | | | | | | |
|---|--|---|---|---|--|--|
| | and employment potential | | | | | |
| 3 | The institute encourages contribution from Alumni in curriculum and student development. | 5 | 7 | 7 | | |

| Sr No | Question | Yes | No |
|-------|--|-----|----|
| 1 | Would you recommend any new course / topic to be added in the program structure? | 4 | 15 |

Summary of Feedback Analysis and Action Taken:

| Sr. No | Particulars / Action Point | Action Taken |
|--------|---|--|
| 1 | Add courses on Real estate management, laws and contract management, construction Management, various software's useful for civil engineering, hands on session on GIS software Corporate Communication skills. | Courses on Real estate management, laws and contract management, in additional electives and specialization courses in program structure from batch 2019-23 onwards. PBL can be taken up to provide the software skills. Communication skill is already introduced in program structure, corporate communication skill development can be added in the form of value addition/workshop. |

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Name and Signature of HoD





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| Name of the Institute: Symbiosis Institute of Technology | | | | | | |
|---|--|----------------|-------|---------|----------|-------------------|
| Name of the Program: B.Tech Civil | | | | | | |
| Employers Feedback for design and review of syllabus | | | | | | |
| Academic Year: 2019-2020 | | | | | | |
| Revisions 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 :10 | | | | | | |
| The Employers feedback on curriculum is taken via LMS, as well as in discussion on curriculum development, pertaining to their specialized domain takes place with faculties during their industry visits for internship semester for students. The feedback is also taken from the industry experts visiting to the department too. | | | | | | |
| 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 | 10 | | | | |
| 2 | The curriculum has a good blend of theory and practical aspects | 10 | | | | |
| 3 | The students of the programme are adequately trained in terms of | 10 | | | | |



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| | | | | | | |
|---|--|----|--|--|--|--|
| | knowledge, skills and values | | | | | |
| 4 | The students of the programme demonstrates the ability to learn new things quickly, to adapt, to the dynamic environment | 10 | | | | |

| Sr No | Question | Yes | No |
|-------|--|-----|----|
| 1 | Would you recommend any new course / topic to be added in the program structure? | 4 | 6 |

Summary of Feedback Analysis and Action Taken:

| Sr. No | Particulars / Action Point | Action Taken |
|--------|--|--|
| 1 | Add courses on pile foundation, advanced steel design. Students should be explored to more practical and ongoing projects. | Most of the suggested courses are introduced in the program structure of 2019-23 onwards. We can conduct value added courses based on students' interest, field visits can be arranged so that student can explore ongoing projects. Sponsored live industry projects can be taken up by students. |

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| Name of the Institute: Symbiosis Institute of Technology | | | | | | |
|--|--|----------------|-------|---------|----------|-------------------|
| Name of the Program: B.Tech Civil | | | | | | |
| Parent Feedback for design and review of syllabus | | | | | | |
| Academic Year: 2019-2020 | | | | | | |
| <p>Revisions 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.</p> | | | | | | |
| No. of Respondents :7 | | | | | | |
| <p>Apart from the provision in LMS to take parents feedback, the parents when visit to the department are also requested to give the feedback.</p> | | | | | | |
| Questionnaire with parameter wise number of responses | | | | | | |
| Sr No | Question | Strongly Agree | Agree | Neutral | Disagree | Strongly Disagree |
| 1 | The curriculum would make my ward employable and industry ready. | 1 | 6 | | | |
| 2 | The curriculum provides choice of courses / specialization to select | 3 | 4 | | | |
| Sr No | Question | Yes | No | | | |
| 1 | Would you recommend any new | 4 | 3 | | | |



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| | course / topic to be added in the program structure? | | |
|---|--|--|--|
| Summary of Feedback Analysis and Action Taken: | | | |
| Sr. No | Particulars / Action Point | Action Taken | |
| 1 | Introduction of coastal engineering, construction management, negotiation management courses | Most of the suggested courses are introduced in the program structure of 2019-23 onwards. We can conduct value added courses/workshop based on students' interest on negotiation management. | |

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