AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad)

NAAC "B++" Accredited Institute

Gunthapally (V), Abdullapurmet(M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

www.aietg.ac.in email: principal.avanthi@gmail.com

1.4.1: Institution obtains feedback on the academic performance from various stakeholders, such as **Students, Teachers, Employers, Alumni** etc. and action taken report on the feedback is made available on institutional website

Response: A. The Feedback is collected, analyzed, action taken & communicated to the relevant bodies and feedback hosted on the institutional website

ACADEMIC YEAR 2020-21

S.No	Description	Stakeholders	Page Numbers
1	Feedback collected from all B. Tech courses(R-18) & MBA(R-19) on Curriculum and Ambience	**Students Feedback** on Curriculum and Ambience of the Institution through online	2 - 7
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Avanthi Institute of Engineering and Technology

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Students Feedback on Curriculum A.Y-2020-21

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✉ Not shared

* Indicates required question

1.Name of the student *

Your answer

2.Roll Number *

Your answer

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3.Department *

- ○ EEE
- ○ MECH
- ○ ECE
- ○ CSE
- ○ CSM
- ○ CSD
- ○ MBA

4.Year *

- ○ I Year
- ○ II Year
- ○ III Year
- ○ IV Year

5.How satisfied are you with the institute course curriculum? *

- ○ Excellent
- ○ Very Good
- ○ Good
- ○ Fair
- ○ Poor

6.Do you feel that this curriculum is useful for the job market? *

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

7.Does the institute have right testing and grading method? *

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

8.How organized is the course in terms of the time frame, assessment, access to *
materials?

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

9.What do you feel about the learning environment? *

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

10.Did the faculty make use of adequate teaching and learning materials? *

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

11.How well did the faculty respond to the student queries? *

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

12. How do you rate the length of the syllabus? *

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

13. Rate the scope given for Self learning activity centered learning & project based learning. *

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

14. Are the faculty members pro-active in their approach? *

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

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15.Is the curriculum useful to lifelong learning? *

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

16.Suggestions

Your answer

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Alumni Feedback on Curriculum A.Y-2020-21

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* Indicates required question

1.Name of the Alumni *

Your answer

2.Roll Number *

Your answer

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3.Department *

○ EEE

○ MECH

○ ECE

○ CSE

○ CSM

○ CSD

○ MBA

4.Year of passed out *

Your answer

5.How satisfied are you with the institute course curriculum? *

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

6.Do you feel that this curriculum is useful for the job market? *

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

7.Does the institute have right testing and grading method? *

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

8.How organized is the course in terms of the time frame, assessment, access to *
materials?

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

9. What do you feel about the learning environment? *

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

10. Did the faculty make use of adequate teaching and learning materials? *

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

11. How well did the faculty respond to the student queries? *

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

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12.How do you rate the length of the syllabus? *

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

13.Rate the scope given for Self learning activity centered learning & project   *
based learning.

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

*

14.Are the faculty members pro-active in their approach?

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

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15.Is the curriculum useful to lifelong learning? *

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

16.Suggestions

Your answer

Submit   Clear form

Google Forms

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Teachers Feedback on Curriculum A.Y-2020-21

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* Indicates required question

1.Name of the Teacher *

Your answer

2.Designation *

Your answer

3.Department *

Your answer

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4.Employability skills are given weightage in curriculum design and development *

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

5.Enough freedom is given to the faculty members to contribute in curriculum   *
design and development.

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

6.The system followed by the university for designing and developing the   *
curriculum is effective.

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

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7.The curriculum is being updated from time to time *

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

8.Inputs from industry will help design and improve course outcomes. *

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

9.How effective is the curriculum in developing analytical and problem solving skills? *

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

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10.Does the curriculum include value added course/soft skills/domain specific electives for enhancing constructive learning? *

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

11.Do you have enough freedom to adopt innovative teaching-learning practices? *

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

12.Are the ICT facilities provided by the institute in class-rooms and laboratories good enough? *

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

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13.Does the institute provide financial assistance to faculty in order to promote   *
research activity?

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

14.Does the Institute provide library internet facility and computerized   *
cataloguing with subscription to open access journals?

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

15.Is there effective implementation of institution level policies for the benefit of   *
its stake-holders?

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

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16.Suggestions

Your answer

Submit

Clear form

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Employers Feedback on Curriculum A.Y-2020-21

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🖂 Not shared

* Indicates required question

1.Name of the Employer *

Your answer

2.Designation *

Your answer

3.Name of the Company *

Your answer

4.Academic Year *

Your answer

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5.Does the curriculum meet the requirements of the industry? *

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

6.Rate the applicability of tools /activities/case studies presented in curriculum. *
Do they facilitate more employability skills among the students?

○ Excellent

○ Very Good

○ Goor

○ Fair

○ Poor

7.How effective is the curriculum in developing analytical and problem-solving *
skills?

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

8.Does the curriculum include value added courses/soft skill training /domain specific electives for enhancing constructive learning? *

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

9.Rate the scope of syllabus in enhancing entrepreneurship skills/lifelong learning human values and ethics? *

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

10.Curriculum reflects current trends and practices in the respective disciplines? *

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

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11.The academic initiatives of the institute contribute towards achieving the mission and vision of the institute? *

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

12.Rate the proficiency of our students in adapting to industry requirements? *

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

13.The curriculum facilitates an overall holistic development of the student? *

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

14.How do you rate the mentoring of the students? *

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

15.Rate the overall performance of the institute in shaping the career of the students?   *

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

16.Rate the ethical conduct and professional behavior of the students? *

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

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17.Suggestions

Your answer

Submit   Clear form

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Consolidated Students Feedback on Curriculum (2020-21)

The following questionnaire has been circulated among the students to obtain their feed-back on various academic and learning environment related issues. 965 students have given their feed-back. The student's opinion was sought on the intelligibility and relevance of curriculum to the industry and job-market.

The rating given is as follows:

Excellent-5, Very good-4, Good-3, Fair -2, Poor -1.

The range of rating is as follows:

Excellent- 4.6-5, Very Good-3.6-4.5, Good- 2.6-3.5, Fair-1.6-2.5, Poor-0-1.5

S.No	Parameter	Excellent(5)	Very Good(4)	Good(3)	Fair(2)	Poor(1)	Overall Score(5)
1	How satisfied are you with the institute course curriculum?	818	46	48	44	9	4.6
2	Do you feel that this curriculum is useful for the job market?	277	275	310	78	25	3.6
3	Does the institute have right testing and grading method?	219	612	90	25	19	4.0
4	How organized is the course in terms of the time frame, assessment, access to materials?	125	82	701	42	15	3.2
5	What do you feel about the learning environment?	147	125	621	48	24	3.3
6	Did the faculty make use of adequate teaching and learning materials?	179	629	119	24	14	3.9
7	Does the institute encourage research-based learning activity?	129	109	693	22	12	3.3
8	How do you rate the length of the syllabus?	228	602	90	31	14	4.0

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9	Rate the scope given for Self-learning activity centered learning & project-based learning.	177	327	285	155	21	**3.3**
10	Are the faculty members pro-active in their approach?	151	559	195	45	15	**3.8**
11	Is the curriculum useful to lifelong learning?	294	185	448	29	9	**3.7**

Model Caluculation:

1. How satisfied are you with the institute course curriculum?

> (818*5)+(46*4)+(48*3)+(44*2)+(9*1)

   = 4090+184+144+88+9

   = 4515

> 4515/965 = 4.6

   4.6 rating is given for Excellent
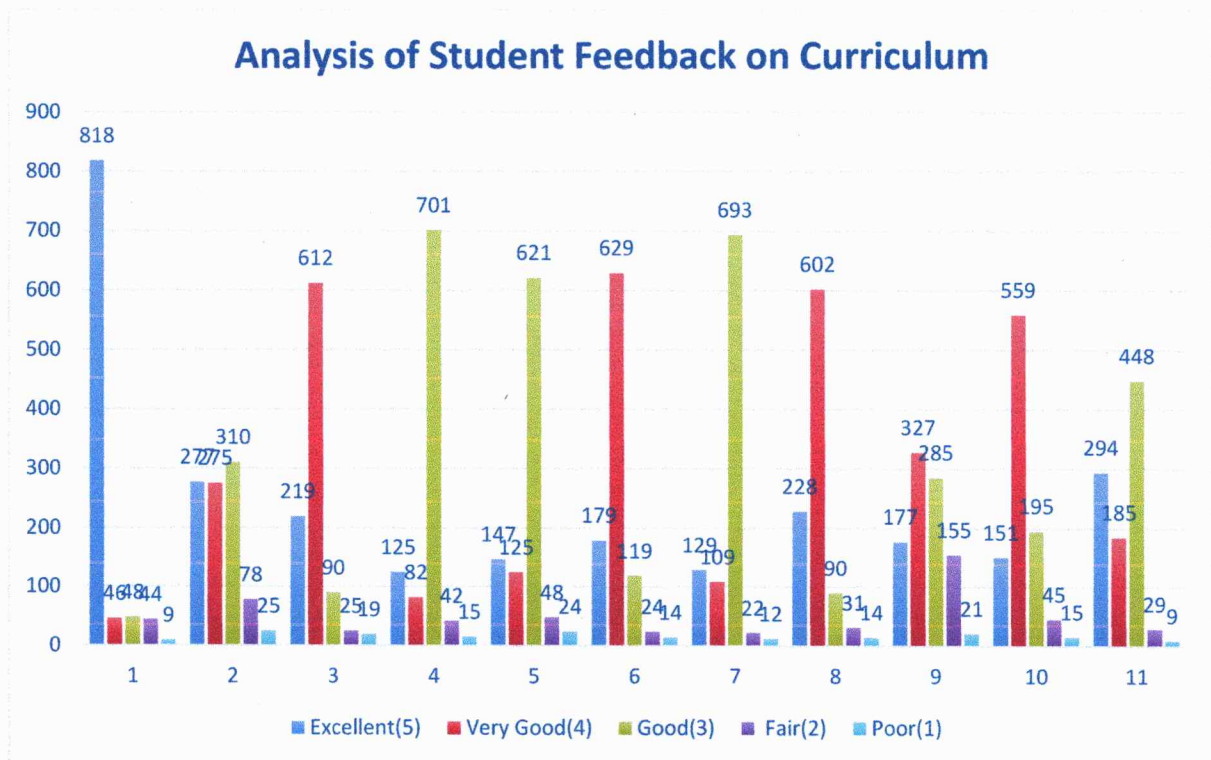
Analysis of Student Feedback on Curriculum

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Overall Score(5)

Question	Score
Is the curriculum useful to lifelong learning?	3.5
Are the faculty members pro-active in their approach?	3.6
Rate the scope given for Self learning activity centered learning & project based learning.	3.2
How do you rate the length of the syllabus?	3.8
How well did the faculty respond to the student queries?	3.1
Did the faculty make use of adequate teaching and learning materials?	3.7
What do you feel about the learning environment?	3.1
How organized is the course in terms of the time frame, assessment, access to materials?	3.1
Does the institute have right testing and grading method?	3.8
Do you feel that this eurriculum is useful for the job market?	3.4
How satisfied are you with the institute course curriculum?	4.5

ANALYSIS REPORT:

Based on the feed-back given by Nine hundred and sixty-five students, the following analysis report has been prepared:

- Need more emphasis on Research Methodologies.
- Need motivation on career guidance.
- Need more awareness on Latest tools and technologies.
- Need more guest lectures on latest topics

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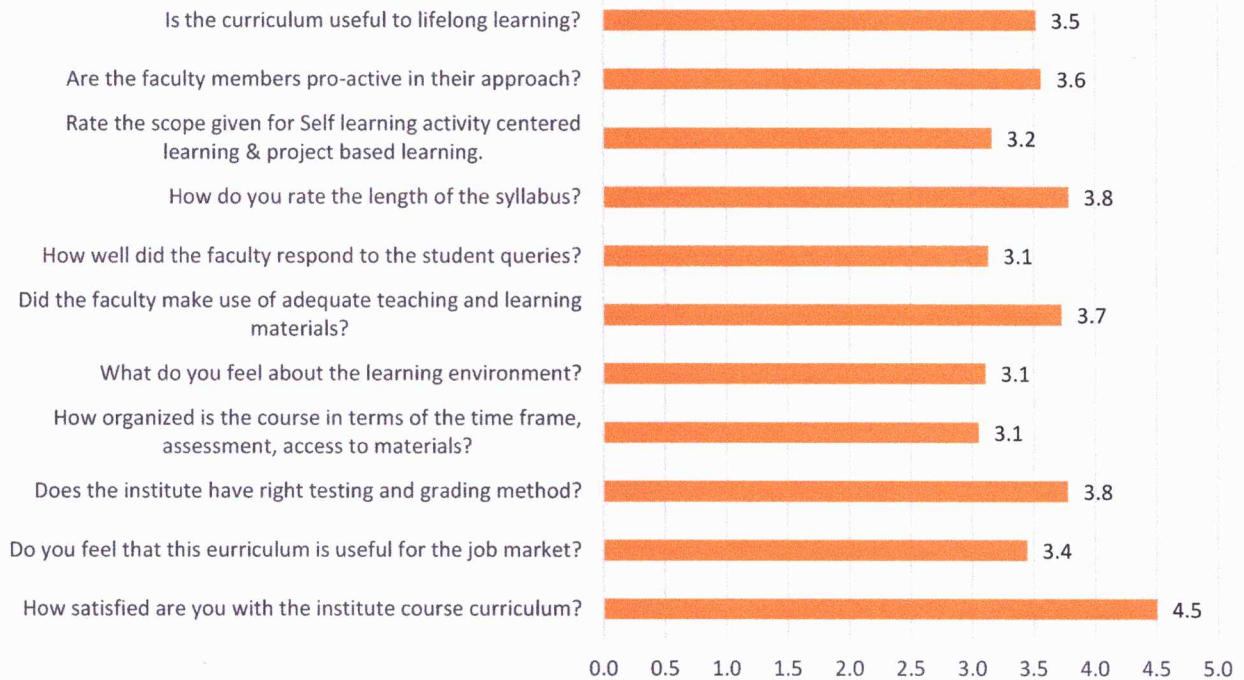
Consolidated Alumni Feedback on Curriculum (2020-21)

The feed-back of Alumni was sought on various academic issues, learning environment, employability skills, working conditions and related issues to assess the learning standards and study environment of the institute. A total of 38 Alumni participated in the survey and gave their feed-back.

The rating given is as follows:

Excellent-5, Very good-4, Good-3, Fair -2, Poor -1.

The range of rating is as follows:

Excellent- 4.6-5, Very Good-3.6-4.5, Good- 2.6-3.5, Fair-1.6-2.5, Poor-0-1.5

S.No	Parameter	Excellent(5)	Very Good(4)	Good(3)	Fair(2)	Poor(1)	Overall Score(5)
1	How satisfied are you with the institute course curriculum?	28	3	4	3	0	4.0
2	Do you feel that this curriculum is useful for the job market?	11	19	5	1	2	3.6
3	Does the institute have right testing and grading method?	15	18	1	2	2	3.7
4	How organized is the course in terms of the time frame, Assessment. access to materials?	16	12	6	3	1	3.6
5	What do you feel about the learning environment?	28	7	1	2	0	4.2
6	Did the faculty make use of adequate teaching and learning materials?	24	10	2	1	1	4.0
7	Does the institute encourage research-based learning activity?	18	7	8	4	1	3.6
8	How do you rate the length of the syllabus?	10	13	9	4	2	3.3
9	Rate the scope given for Self-learning activity centered learning & project-based learning.	11	17	3	5	2	3.4

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10	Are the faculty members pro-active in their approach?	9	24	2	1	2	**3.6**
11	Is the curriculum useful to lifelong learning?	7	9	12	8	2	**3.0**

Analysis of Alumni Feedback on Curriculum

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Overall Score(5)

Question	Score
Is the curriculum useful to lifelong learning?	3.0
Are the faculty members pro-active in their approach?	3.6
Rate the scope given for Self learning activity centered learning & project based learning.	3.4
How do you rate the length of the syllabus?	3.3
How well did the faculty respond to the student queries?	3.6
Did the faculty make use of adequate teaching and learning materials?	4.0
What do you feel about the learning environment?	4.2
How organized is the course in terms of the time frame.assessment. access to materials?	3.6
Does the institute have right testing and grading method?	3.7
Do you feel that this eurriculum is useful for the job market?	3.6
How satisfied are you with the institute course curriculum?	4.0

ANALYSIS REPORT:

Based on the feed-back given by Thirty-eight Alumni, the following analysis report has been prepared:

- Need motivation on carrier counselling.
- Conduct workshops on the latest technologies.
- Need to adopt more online learning platforms.
- Need more internship courses.
- The latest tools and technologies like power Bi, Block chain etc. to be included in the syllabus.

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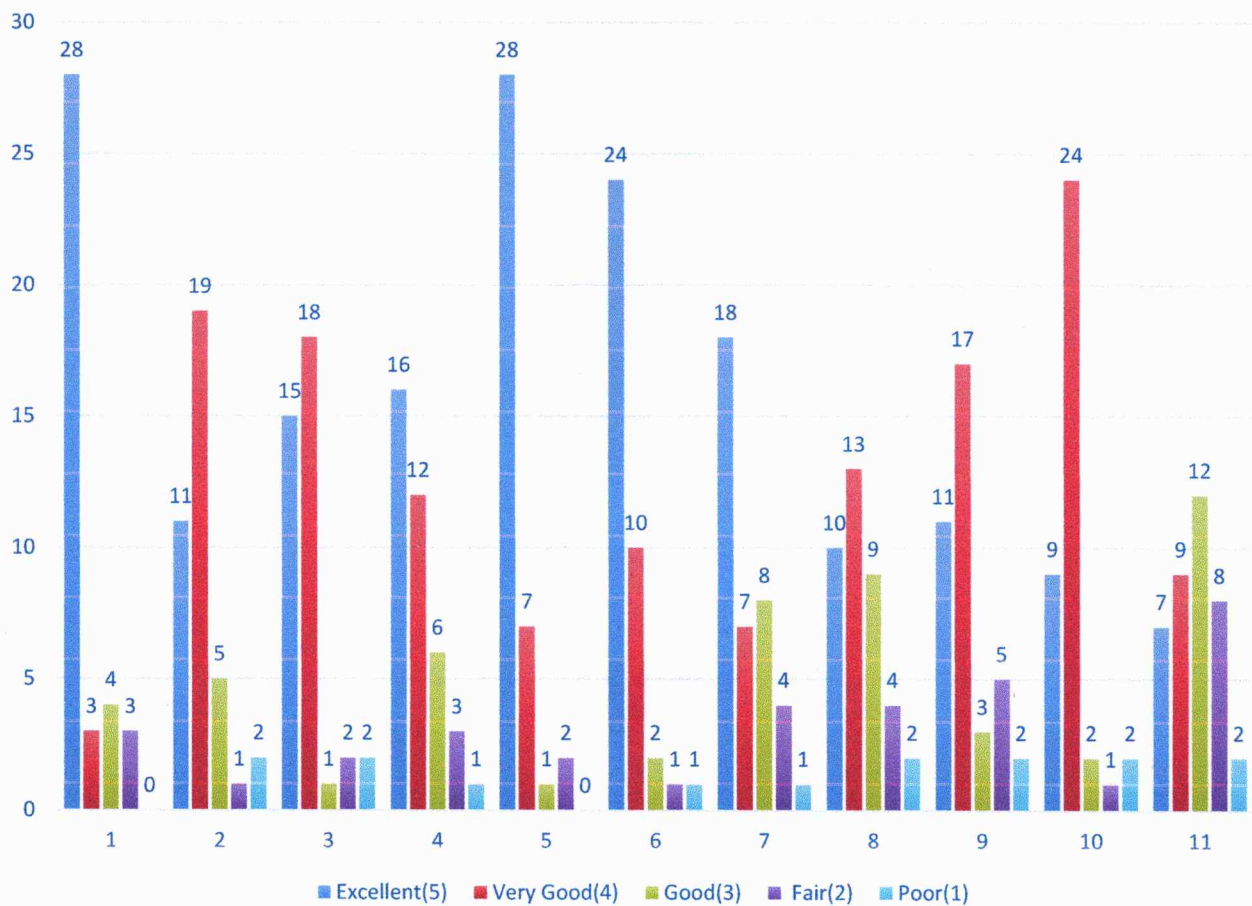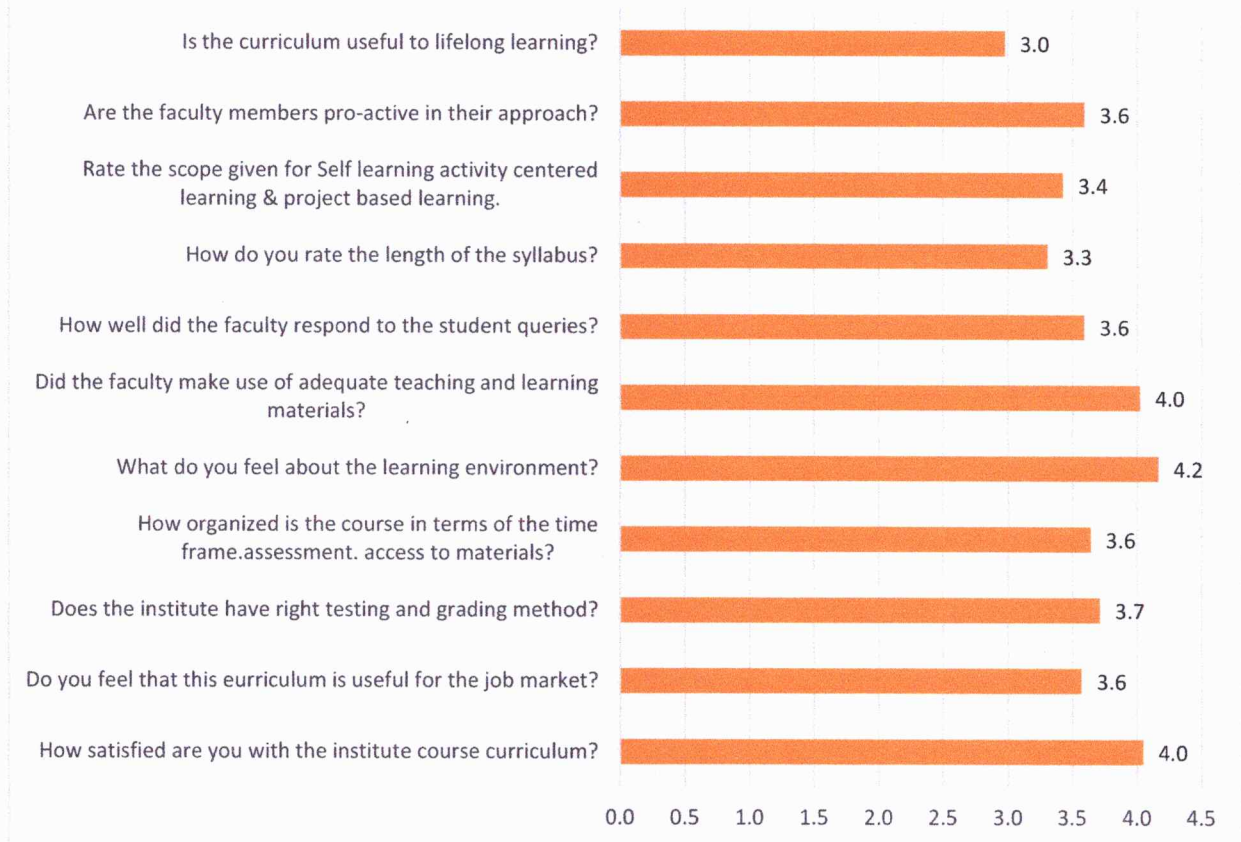(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad)

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Consolidated Teachers Feedback on Curriculum (2020-21)

The feed-back of teachers was sought on various academic issues, learning environment, employability skills, working conditions and related issues to assess the learning standards and study environment of the institute. A total of Fifty-Six teachers participated in the survey and gave their feed-back.

The rating given is as follows:

Excellent-5, Very good-4, Good-3, Fair -2, Poor -1.

The range of rating is as follows:

Excellent- 4.6-5, Very Good-3.6-4.5, Good- 2.6-3.5, Fair-1.6-2.5, Poor-0-1.5

S.No	Parameter	Excellent(5)	Very Good(4)	Good(3)	Fair(2)	Poor(1)	Overall Score(5)
1	Employability skills are given weightage in curriculum design and development	15	21	10	7	3	3.7
2	Enough freedom is given to the faculty members to contribute in curriculum design and development.	15	31	4	5	1	4.0
3	The system followed by the university for designing and developing the curriculum is effective.	10	15	21	6	4	3.4
4	The curriculum is being updated from time to time	40	9	4	3	0	4.5
5	Inputs from industry will help design and improve course outcomes.	46	3	3	2	2	4.6
6	How effective is the curriculum in developing analytical and problem-solving skills?	8	17	15	8	6	3.1
7	Does the curriculum include value added course/soft skills/domain specific electives for enhancing constructive learning?	10	16	15	9	6	3.3

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8	Do you have enough freedom to adopt innovative teaching-learning practices?	15	25	11	3	2	**3.9**
9	Are the ICT facilities provided by the institute in class-rooms and laboratories good enough?	2	22	18	12	2	**3.2**
10	Does the institute provide financial assistance to faculty in order to promote research activity?	42	9	3	1	1	**4.6**
11	Does the Institute provide library internet facility and computerized cataloguing with subscription to open access journals?	12	13	13	17	1	**3.3**
12	Is there effective implementation of institution level policies for the benefit of its stake-holders?	5	7	37	5	2	**3.1**

Analysis of Teachers Feedback on Curriculum

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

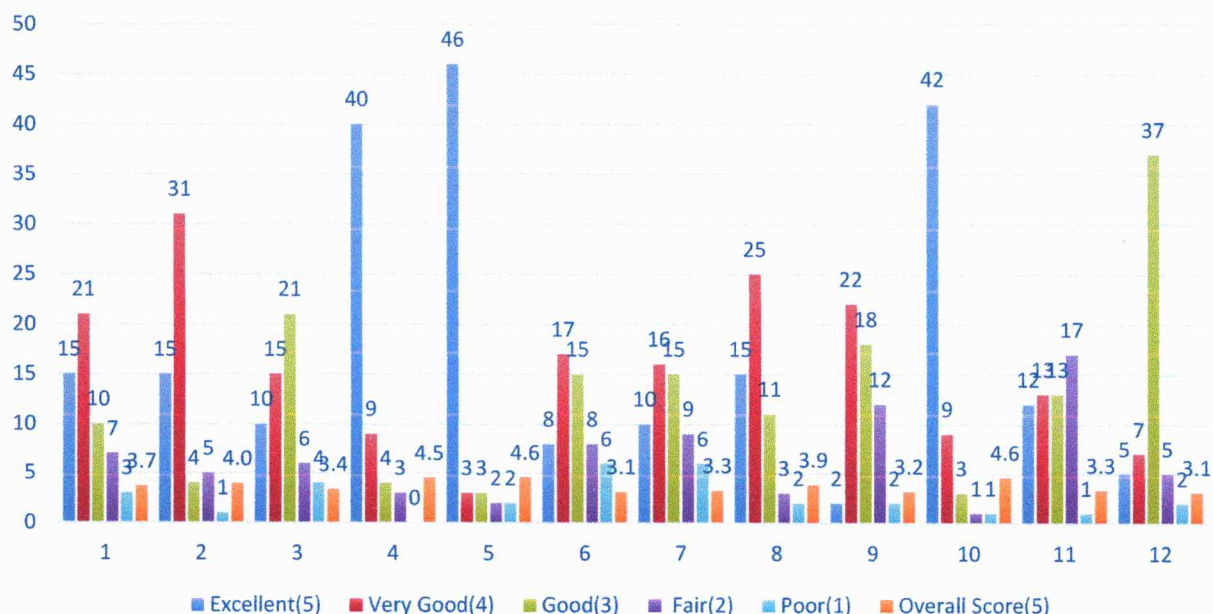(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad)

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www.aietg.ac.in email: principal.avanthi@gmail.com

Overall Score(5)

Question	Score
Is there effective implementation of institution level...	3.7
Does the Institute provide library internet facility and...	4.1
Does the institute provide financial assistance to faculty in...	4.1
Are the ICT facilities provided by the institute in class-...	4.0
Do you have enough freedom to adopt innovative...	4.4
Does the curriculum include value added course/soft...	3.7
How effective is the curriculum in developing analytical...	3.8
Inputs from industry will help design and improve course...	3.6
The curriculum is being updated from time to time	3.7
The system followed by the university for designing and...	3.5
Enough freedom is given to the faculty members to...	3.6
Employability skills are given weightage in curriculum...	3.9

ANALYSIS REPORT:

Based on the feed-back given by Fifty-six teachers, the following analysis report has been prepared:

- More workshops to be organized on latest technologies.
- Seminar on research methodologies that align with industry needs.
- Need to adopt more online learning platforms.
- Need to strengthen in soft skills.
- Latest technologies to be included in the curriculum which serves the demands of the industry.

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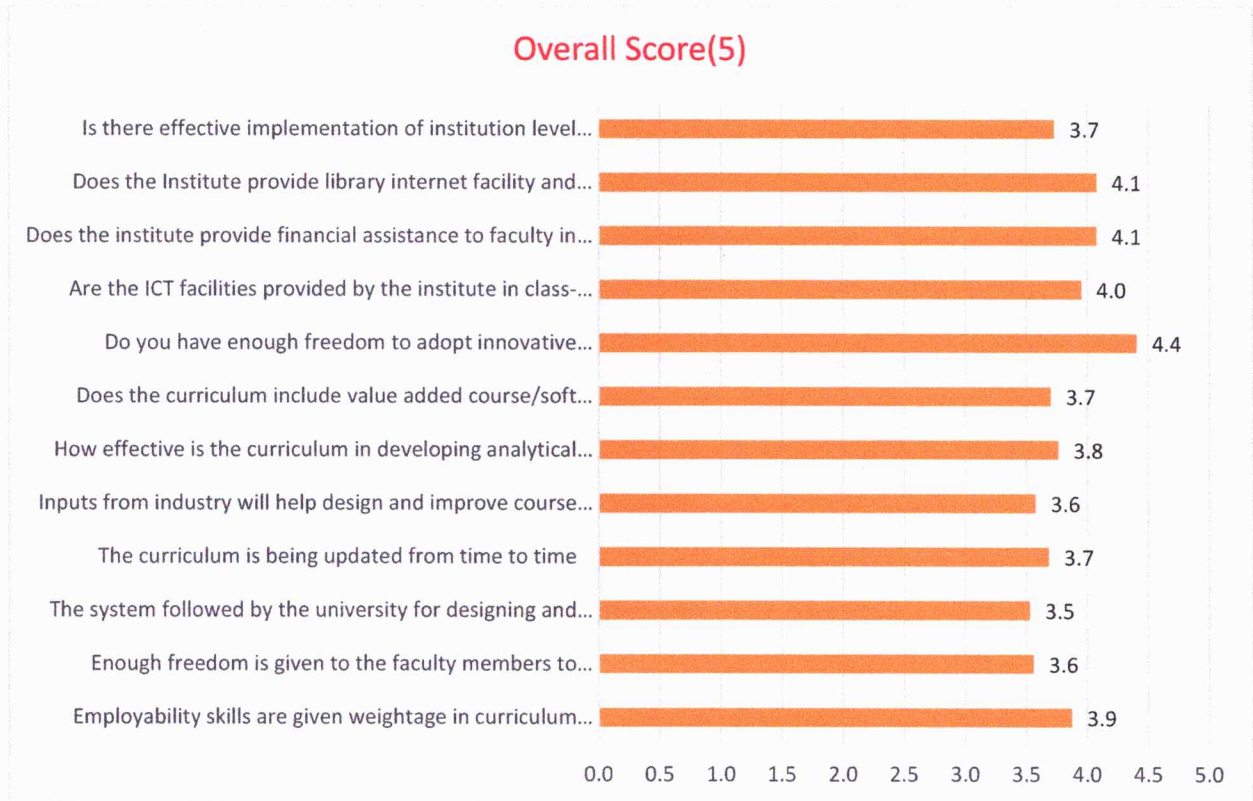Avanthi Institute of Engineering and Technology

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Consolidated Employers Feedback on Curriculum (2020-21)

Various reputed companies have visited AVIH campus and recruited its students for their companies. The employers have expressed their satisfaction at the academic and placement training of the institution.

A total of 14 employers representing different companies participated in the survey and gave their feed-back.

The rating given is as follows:

Excellent-5, Very good-4, Good-3, Fair -2, Poor -1.

The range of rating is as follows:

Excellent- 4.6-5, Very Good-3.6-4.5, Good- 2.6-3.5, Fair-1.6-2.5, Poor-0-1.5

S.No	Parameter	Excellent(5)	Very Good(4)	Good(3)	Fair(2)	Poor(1)	Overall Score(5)
1	Does the curriculum meet the requirements of the industry?	7	4	2	1	0	3.9
2	Rate the applicability of tools /activities/case studies presented in curriculum. Do they facilitate more employability skills among the students?	1	7	4	1	1	3.2
3	How effective is the curriculum in developing analytical and problem-solving skills?	1	8	4	1	0	3.4
4	Does the curriculum include value added courses/soft skill training /domain specific electives for enhancing constructive learning?	8	3	1	2	0	3.9
5	Rate the scope of syllabus in enhancing entrepreneurship skills/lifelong learning human values and ethics.	3	8	1	2	0	3.6
6	Curriculum reflects current trends and practices in the respective disciplines.	2	2	9	0	1	3.1
7	The academic initiatives of the institute contribute towards achieving the mission and vision of the institute	1	4	7	1	1	3.0

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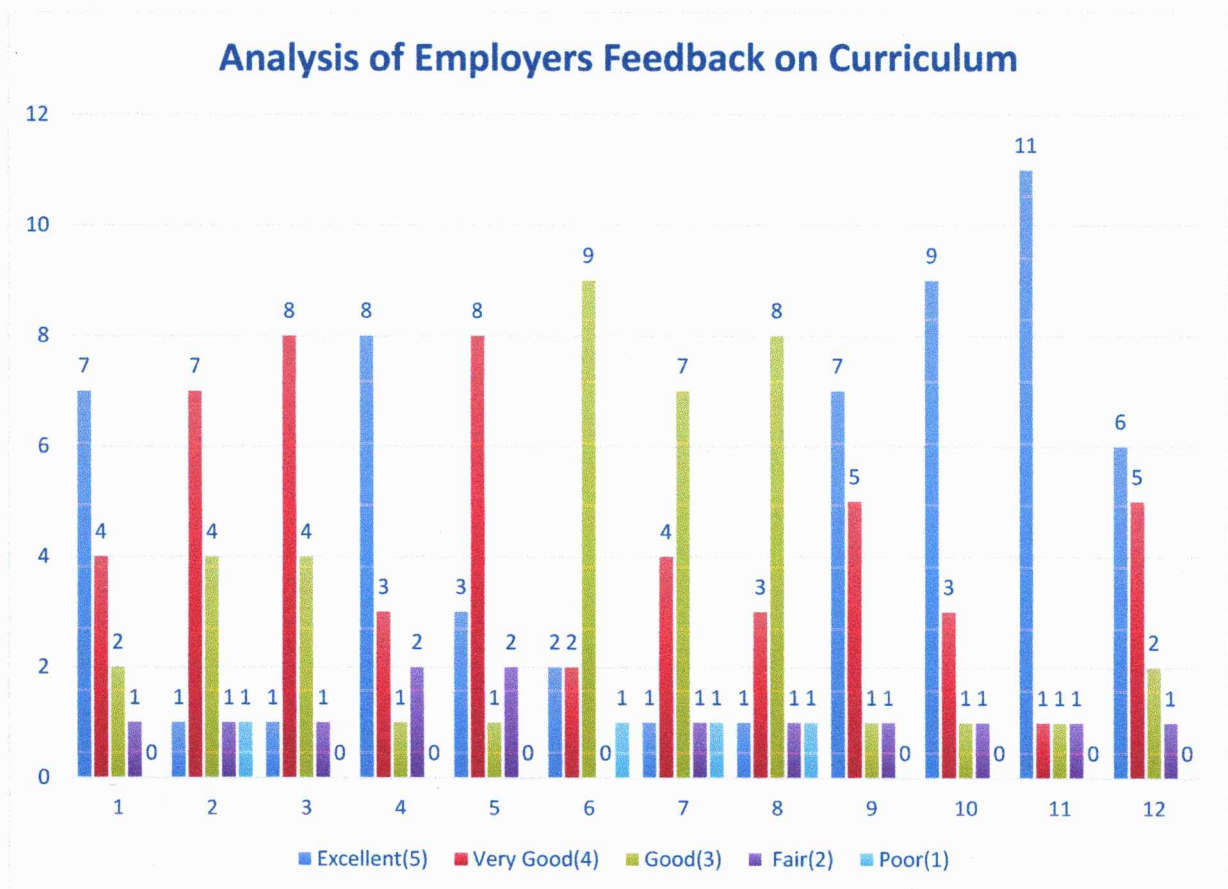# AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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8	Rate the proficiency of our students in adapting to industry requirements.	1	3	8	1	1	**2.9**
9	The curriculum facilitates an overall holistic development of the student.	7	5	1	1	0	**4.0**
10	How do you rate the mentoring of the students?	9	3	1	1	0	**4.1**
11	Rate the overall performance of the institute in shaping the career of the students?	11	1	1	1	0	**4.3**
12	Rate the ethical conduct and professional behavior of the students.	6	5	2	1	0	**3.9**

Analysis of Employers Feedback on Curriculum

Legend: Excellent(5) — Very Good(4) — Good(3) — Fair(2) — Poor(1)

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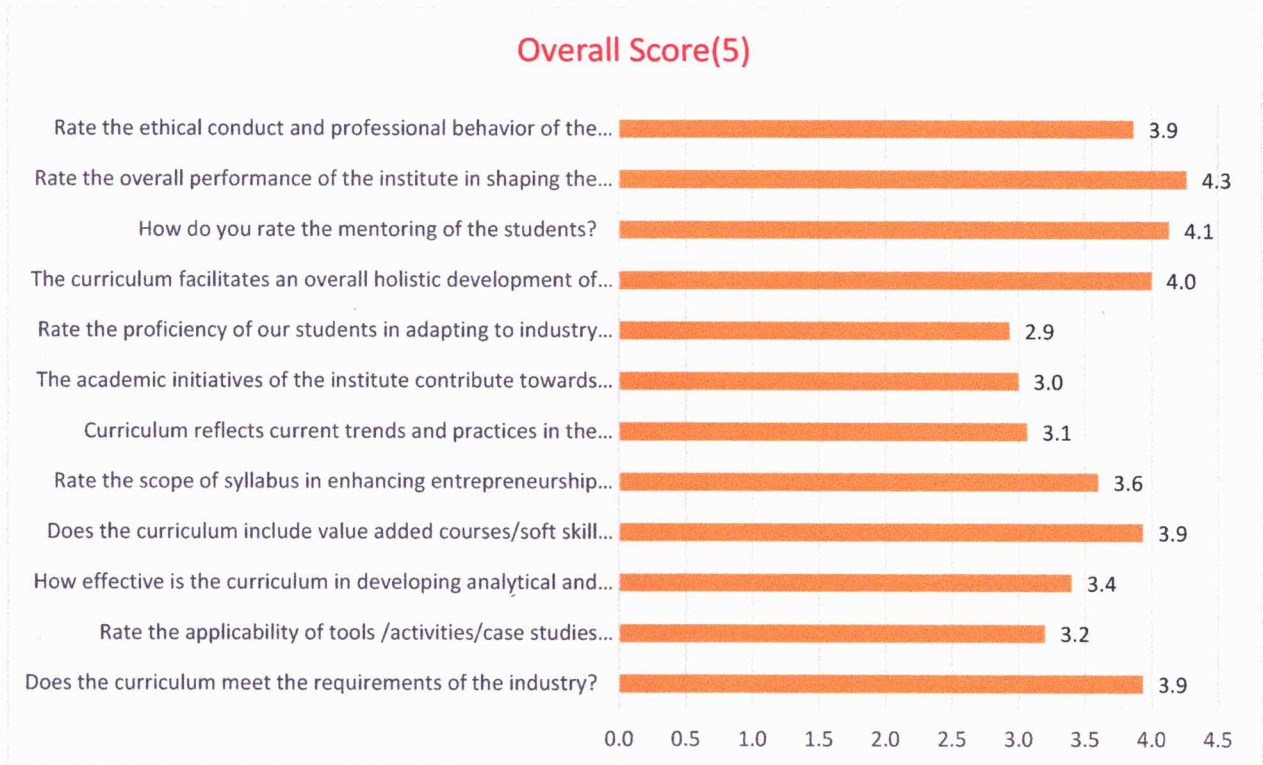
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Overall Score(5)

Question	Score
Rate the ethical conduct and professional behavior of the...	3.9
Rate the overall performance of the institute in shaping the...	4.3
How do you rate the mentoring of the students?	4.1
The curriculum facilitates an overall holistic development of...	4.0
Rate the proficiency of our students in adapting to industry...	2.9
The academic initiatives of the institute contribute towards...	3.0
Curriculum reflects current trends and practices in the...	3.1
Rate the scope of syllabus in enhancing entrepreneurship...	3.6
Does the curriculum include value added courses/soft skill...	3.9
How effective is the curriculum in developing analytical and...	3.4
Rate the applicability of tools /activities/case studies...	3.2
Does the curriculum meet the requirements of the industry?	3.9

ANALYSIS REPORT:

Based on the feed-back given by Fourteen employers, the following analysis report has been prepared:

- Expose students to real time applications.
- Update the students to enable them to meet the current IT needs.
- Soft skills and training should be provided for the students.
- Expose student to real time application.
- More internship courses to be provided.
- The latest tools and technologies like Power BI, Block chain etc. to be included in the Syllabus of CSE students.
- EEE, MECH students should be updated with JAVA Courses for meeting the current demand in IT industry.

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Action taken report for the Academic Year 2020-21

S. No	Stakeholders	Feedback/Suggestions	Action Taken	Date
1	Students	Need motivation on carrier counselling	Conducted Seminar on carrier Opportunities for Engineering Graduates	20-08-2020
2	Students	Need More Emphasis on Research Methodologies	Conducted Workshop on Research Methodology, Writing Practices, Language Soft Skills	19-01-2021 to 23-01-2021
3	Students	Need more awareness on Latest tools and technologies	Conducted Seminar on Security Analysis & Portfolio Management	14-12-2020
4	Students	Need more guest lectures on latest topics	Conducted seminar on python programming	05-02-2021
5	Students	Need more guest lectures.	Webinar on Future Scope of Electric Vehicles	24-09-2020
6	Alumni	Conduct workshop on latest technologies	Workshop on Beginning with Machine Learning	01-07-2020 to 06-07-2020
7	Alumni	Need motivation on carrier counselling	Conducted Seminar on carrier Opportunities for Engineering Graduates	20-08-2020
8	Alumni	Need to adopt more online learning platforms	Conducted Workshop on E-Resources for Teaching & Learning	12-08-2020 to 17-08-2020
9	Alumni	Need more internship courses	Conducted internship training programs on full stack JAVA and full stack python programming	02-12-2020 to 14-04-2021

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10	Teachers	Workshop on latest technologies should be conducted	Conducted FDP on MATLAB Simulink And Image Processing	09-11-2020 to 14-11-2020
11	Teachers	Seminar on research methodologies that align with industry needs	Conducted Workshop on Research Methodology, Writing Practices, Language Soft Skills.	19-01-2021 to 23-01-2021
12	Teachers	Need to adopt more online learning platforms	Conducted a Seminar on Planning Effective Digital Adoption for Online Learning	25-07-2020
13	Teachers	Need strengthen in soft skills	CRT sessions are provided for students in collaboration with ASK training	01-09-2020 to 31-07-2021
14	Employers	Expose student to real time application	Conducted a Webinar on Future Scope of Electric Vehicles	24-09-2020
15	Employers	Update the students to meet the current IT needs	Conducted internship training programs on full stack JAVA and full stack python programming	02-12-2020 to 14-04-2021
16	Employers	Need more entrepreneur skills	Conducted Workshop on Entrepreneurism & its effects on Economic Growth	05-11-2020 to 10-11-2020
17	Employers	Soft skills and training should be provided for students	CRT sessions are provided for students in collaboration with ASK training	01-09-2020 to 31-07-2021

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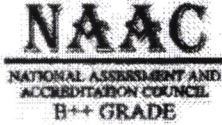Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

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Date: 31|05|2021

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To
The Director of Academic Planning
Jawaharlal Nehru Technological University Hyderabad,
Telangana.
500 085.

Sub: Requesting the incorporation of suggested changes in B. Tech R-18 Curriculum-Req Reg.

Sir,

We, Avanthi Institute of Engineering and Technology, Gunthapally, would like to bring to your notice some of the suggestions of various stake-holders viz., student, faculty, alumni, and employers feed-back on the relevance of the current curriculum to the job-market. After evaluating the feed-back, there is a need to make the syllabus more application and skill-oriented in view of the persistent demands of the industry and job-market.

The following suggestions have been made by different stake-holders:
1. The stakeholders of the CSE Department have asked for open electives like Devops, Quantum computing, Power BI etc. which are deemed more relevant in the IT industry.
2. The stakeholders of the ECE Department have asked for open electives which are deemed more relevant in the industry. They have also requested IT related courses like AI & ML to be more aligned with the IT industry.
3. The stakeholders of the Mechanical & Electrical Engineering Branches have suggested incorporating JAVA related topics to meet the demands of the industry and job-market better.
In this regard, we would like to request you to kindly look into the suggestions of the stakeholders and address the issue at the earliest.

Thanks, and regards,
Yours sincerely,

DESHATCHAR
J.N.T.U.H.
Kukatpally, Hyd-85

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