



**AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY**  
**TAMARAM(V), MAKAVARAPALEM(M), VISAKHAPATNAM(Dist), AP**

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**ACTION TAKEN REPORT --- 2017-18**

Stakeholders' responses to various aspects of relevance, curriculum content, student placement and employability were analyzed and, based on their feedback, actions were implemented as presented in the following table

<b>S.No</b>	<b>FEEDBACK</b>	<b>ACTION TAKEN</b>
1	An input on updating and revision of syllabus was given by the Faculty by keeping the industry trends as their nodal point.	Principal and HoD's for each department conducted meeting annually wherein the feedback given by the subject Faculty were put forward to the BOS, JNTUK for appropriate action.
2	Received suggestion for conducting training classes on communication skills and aptitude for B. Tech III & IV year students.	Placement coordinator prepared a schedule and successfully conducted training classes on communication skill and aptitude. 10 training programs are organized for capability enhancement
3	To involve students in more extension activities	NSS coordinator conducted activities like Blood donation, Tree Plantation, Medical Camp. 17 programs are organized
4	Quality assurance initiatives	Organized events on quality improvement. Internal academic and administrative audit is carried out.
5	Placements data for 2016-17	Placement Officer presented placement statistics 2016-17 and analysis was based on total students, eligible and interested students, higher studies/business, companies visited and students placed. Measures were taken to bring companies offering higher pay packages.
6	Collaborations and Value Add Courses with premier institutions Faculty for the academic year 2017-2018	Activities were conducted under collaborations and Value Add Courses with premier institutions.

		5 MoUs were signed and 28 value added courses are organized.
7	Organization of guest lectures, FDPs, seminars and workshops on latest trends in engineering and Management.	All the departments successfully organized webinars, FDPs and seminars on latest trends in engineering and management.
8	Preparation of Annual Quality Assurance Report(AQAR) 2017-2018	AQAR 2017-2018 is prepared.
9	Preparation of analysis on quality outcomes.	The Quality Outcome Impact Analysis was completed in terms of maintaining and improving quality and was found to be satisfactory.

**Conclusion:**

In order to improve students' competences and skills, the employer's feedback analysis reports are discussed at joint meetings between all faculty members and IQAC.



**CO-ORDINATOR**



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**ACTION TAKEN REPORT-2018-19**

Stakeholders' responses to various aspects of relevance, curriculum content, student placement and employability were analyzed and, based on their feedback; actions were implemented as presented in the following table.

S.No	FEEDBACK	ACTION TAKEN
1	Adding of few topics in the syllabus of various courses is received	Principal and HoD's for each department conducted meeting annually wherein the feedback given by the subject Faculty were put forward to the BOS, JNTUK for appropriate action.
2	received suggestions on usage of ICT in teaching-learning.	On the basis of Feedback given by the students it was decided to make the teaching more ICT based. All the faculty departments were asked to use ICT tools rigorously to make the content delivery more effective.
3	Received suggestion to introduce Online certificate courses.	IQAC suggested HoDs to perform need analysis to introduce Online certificate courses for additional and life-long learning. To encourage students to register and complete one MOOCS course through NPTEL every year.
4	To provide opportunity to update knowledge in publication ethics, preparation and uploading of manuscripts for publication in peer reviewed journals	Organized a workshop on Research methodology and paper writing for faculty members to enhance quality of publications
5	The need for more technical exposure was stressed by the teachers to enhance the employability of students. Students can be industry ready only if they are exposed to real life situations in their course work.	More number of Industrial visits is planned. Students are encouraged to take up Project work in related and accessible organizations to have better exposure.

9	Alumni requested for the improvement in the workshops to be specific according to the industrial needs	20 value added courses / capability enhancement programs on advanced technologies are organized in order to make the students industry-ready.
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**Conclusion:**

In order to improve students' competences and skills, the employer's feedback analysis reports are discussed at joint meetings between all faculty members and IQAC.



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**ACTION TAKEN REPORT ----2019-2020**

Stakeholders' responses to various aspects of relevance, curriculum content, student placement and employability were analyzed and, based on their feedback, actions were implemented as presented in the following table.

S.No	FEEDBACK	ACTION TAKEN
1	An input on updating and revision of syllabus was given by the Faculty by keeping the industry trends as their nodal point.	Principal and HoD's for each department conducted meeting annually wherein the feedback given by the subject Faculty were put forward to the BOS, JNTUK for appropriate action.
2	Review of activities conducted in the college during 2019-20 academic sessions.	Extensive effort has been put by IQAC 29 value added courses 13 capability enhancement programs 9 MoUs for collaborative activities 24 extension activities by NSS unit 7 professional development programs Were organized.
3	Employer and alumnus suggested to add new programs of emerging areas viz., Artificial intelligence, Data Science etc.,	Applied to AICTE for sanction of B Tech (AI & ML) with an intake of 60 and got the approval.
4	Suggestions received for revision of curriculum further by focusing more on skill enhancement, use of modern techniques, tools, hands on process etc. Student should be given opportunities to work on different real-life problems addressing the ethical practice and moral values.	Measures are taken to assign real time problems as project topics for all the pre final and final year students. Faculties are suggested to adopt more experimental approach tools during content delivery.
5	Organize training sessions on new teaching methods and upcoming subject areas	Organized faculty development programmes on teaching methodologies.

6	To improve skill set of staff to optimize ICT enabled teaching	Effective use of ICT (video conferencing, smart class rooms etc) were enhanced through in-house training sessions
7	Based on the feedback received from the alumni, the curriculum must be designed to build a core competency in the discipline.	Steps will be taken to plan workshops according to specializations to build basic skills and core competencies.

**Conclusion:**

In order to improve students' competences and skills, the employer's feedback analysis reports are discussed at joint meetings between all faculty members and IQAC.



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**ACTION TAKEN REPORT-2020-21**

Stakeholders' responses to various aspects of relevance, curriculum content, student placement and employability were analyzed and, based on their feedback; actions were implemented as presented in the following table.

<b>S.No</b>	<b>FEEDBACK</b>	<b>ACTION TAKEN</b>
1	The faculty provides information on curriculum updates and revisions based on industry trends.	The Principal and HODs of each department held an annual meeting at which the information provided by the faculty concerned was submitted to the BOS, JNTUK, for appropriate action.
2	Review of activities conducted in the college during 2020-21 academic sessions.	Extensive effort has been put by IQAC 8 value added courses 5 capability enhancement programs 5 MoUs for collaborative activities 4 extension activities by NSS unit Were organized by IQAC for quality improvement.
3	Faculty emphasized the need for more internships for students	During the summer holidays, all students were obliged to take part in an internship, allowing them to experience the demands of the industry while studying. This enabled students to assess their position in the industry and enhance their potential with regard to their field of interest.
4	Improve students' cognitive and communication skills by encouraging more assignments and presentations.	Students were motivated to do more assignments and presentations, as part of their curriculum. Faculties are advised to design and assign more assignments for the course they are dealing with.

5	The Faculty felt that books for GATE and other competitive examinations to be made available in the Library for students	The Library committee has taken up steps to procure the Books needed.
6	To improve skill set of staff to optimize online tools enabled teaching	The effective use of online teaching tools ICT (e.g. videoconferencing, LMS) has been improved through in-house training sessions.

**Conclusion:**

The HoDs also submitted the Department 's plan of activities to overcome the gaps developed due to COVID pandemic during the academic year-2020-21 in the subsequent semesters.



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**ACTION TAKEN REPORT-2021-2022**

The response to various aspects with regard to relevance, content of the curriculum, student placement and employability were analyzed and based on their feedback, actions were carried out which are presented in the following table.

<b>S.No</b>	<b>FEEDBACK</b>	<b>ACTION TAKEN</b>
1	An input on updating and revision of syllabus was given by the Faculty by keeping the industry trends as their nodal point.	The HoD's for each department conducted meeting annually wherein the feedback given by the subject teachers were put forward to the BOS of the university to take a final decision for the required revision of syllabus.
2	The need for more practical sessions was stressed by the teachers to enhance the employability of students. Students can be industry ready only if they are exposed to real life situations in their class rooms and laboratories	More practical courses were included in the curriculum based on the feedback of the teachers. The quality of the existing practical courses was updated by introducing an additional experiment in each laboratory course.
3	Faculty emphasized the need for more hands on experience in industries during summer vacations so that students get a firsthand experience of the needs of the industry during their course period and get themselves ready in their fields of interest	Internships were made compulsory for all students during summer vacations to give them exposure and a taste of industry requirements during their course period. This also enabled them to assess their standing in the industry and improve their potential with respect to their field of interest
4	More assignments and presentations to be encouraged to improve the cognitive and communication skills of the students.	Students were motivated to do more assignments and presentations, as part of their curriculum. Greater component of continuous assessment marks were allotted for assignments and presentations
5	Faculty felt they needed exposure to broaden their research perspectives in newer and	Hands on training sessions and workshops were organized to train the staff to handle and

	industrially vital focus areas by acquiring knowledge on new techniques and concepts. They suggested the management to provide hands on training to familiarize themselves with new instruments and concepts	operate high end sophisticated equipments. Organized refresher courses, orientation courses, faculty improvement programmes, workshops, etc to enable the faculty to update their knowledge. Staff members were also encouraged to participate in training sessions conducted by other universities, institutions
6	Organize training sessions on new teaching methods and upcoming subject areas	Organized faculty development programmes and workshop on IPR. The need for patenting was emphasized.
7	To improve skill set of staff to optimize ICT enabled teaching	Effective use of ICT (video conferencing, smart class rooms etc) were enhanced through in-house training sessions
8	To provide opportunity to update knowledge in publication ethics, preparation and uploading of manuscripts for publication in peer reviewed journals	Organized two days Workshops for faculty members to enhance quality of publications
9	Felt the need to have industrial experts to handle special sessions on industry oriented subjects for value addition	Special lectures / interactive sessions by industrial experts were organized.

**Conclusion:**

Analysing stakeholder feedback and taking appropriate action to meet the expectations of students, parents and employers is taken up by the IQAC as a continuous activity. This helped us improve our curriculum according to stakeholder expectations.

  
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