G. Narayanamma Institute of Technology & Science (For women) (Autonomous)
Shaikpet, Hyderabad 500 104
Department of EEE

Stakeholder Curriculum Feedback for B.Tech (EEE)
Summary and Actions Taken 2021-22

Feedback on GNR-18 for B.Tech EEE program collected from various stakeholders. Following were the inputs received from the stake holders regarding the syllabus.

ACTION TAKEN REPORT ON CURRICULUM FEEDBACK OBTAINED FROM VARIOUS STAKEHOLDERS.

The GNITS considers the curriculum as the heart of education, feedback on curriculum is collected regularly from various stake holders; employers, faculty, students, and parents. The collected feedback is then analyzed by PAC committee of the department and the report is submitted to the concerned Board of Studies and members in the Syllabus Revision Committee.

The feedback forms have been designed specially by an expert team. The feedback form consists of items specific to the stakeholders and there are statements which are rated on a 5 point rating scale (0-poor, 1-average, 2-Good, 3-Very Good, 4- Excellent) and one item is qualitative in nature for their open comments. Feedback is taken anonymously from the stakeholders.

Students Feedback on Curriculum:

Most of the students were satisfied with the various aspects of teaching like coverage of syllabus in class, emphasis on fundamentals, coverage of modern/advanced topics and overall course.

Analysis of the feedback results indicate that students have suggested to offer more electives, practical subjects, software labs and open electives and programming subjects . Students and Provision of sufficient choices for the students in selecting courses, Opportunity for developing skills, Easy availability of study materials and Relevance of the course for providing employability in the curriculum as mostly average.

Suggestions from students:

1. Few students suggested that curriculum should have some programming subjects and and programming labs like Python and JAVA.

2.Few students felt that there must be more open electives and online courses included in the curriculum.

Action Taken:

In view of identifying the gap in the syllabus as per the requirement of various stakeholders, the Department has taken feedback on curriculum from the students regarding their subject. Suggestions like need of programming subjects and labs like Python, Java and Online and elective courses . relevant to the framing of the syllabus of various courses were consolidated and discussed in PAC .

It was decided in PAC to communicate this feedback report to BOS members. Since more than 70% of the teachers of the institution are actively participating in the syllabus restructuring process, as being members of Board of studies. As suggested by PAC the following actions were prominently taken

1. To include programming subjects and labs like Python, Java and Online and elective courses in the curriculum.
2. The students are encouraged to do NPTEL and SWAYAM courses as part of syllabus..

Faculty feedback on Curriculum:

Feedback from the teachers were collected and analyzed. The teachers rated the adequacy, addition of new experiments etc. They suggested to conduct recent trend experiments increase industry orientation and industry requirements.

Suggestions from Faculty:

1. To include computer programming subjects and labs like Python, Java and Online and elective courses in the curriculum.
2. To add basic electronics for all engineering courses and Recent trending experiments should be conducted in the Labs to bridge the gaps between academics and industry.
3. Syllabus Should be framed towards industry requirements.

Action Taken:

The department faculty were intimated about the feedback. FPGA based additional experiments are added in the laboratories which meets the industrial requirement. Suggestions like need of industry orientation and

additional experiments . relevant to the framing of the syllabus of various courses were consolidated and discussed in PAC .

.As suggested by PAC the following actions were prominently taken

1. To add Basic electronics content in the first year common subjects
2. Additional experiments are added in the laboratories which meets the industrial requirement.
3. Necessary initiatives were taken to make more internships and field projects.

Alumnae feedback on Curriculum:

Feedback from the B.Tech Alumnae students were collected and analyzed. The Alumnae students rated the adequacy, and suggested to add some recent programming languages addition of artificial intelligence, machine learning applications in power electronics area are suggested.

Suggestions from alumnae students:

1. Recent Programming languages are required to add in the new syllabus.
2. Industry oriented experiments should be added in in the Labs to bridge the gaps between academics and industry.

Action Taken:

Based on the suggestions from Alumni students, The department PAC committee finalized and propose to add recent programming languages like python and java etc. in the syllabus.

Parent's feedback on Curriculum:

The feedback of the parents has improved from the beginning years as they rated the domains to be excellent. Few parents were still concerned about the student faculty interactions to be improved.
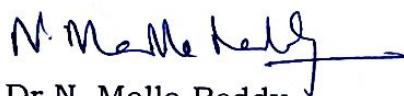
Suggestions from Parent's:

1. More learning courses related to latest technologies
2. The student-faculty interaction can be improved.
3. Interaction session has to be made with the parents about their wards.

Action Taken:

The department faculty were intimated about the feedback. Educational tours, excursions and field visits were organized by departments relevant to the syllabus of various courses.

As suggested by PAC the following actions were prominently taken

1. It is planned to organize industrial visits relevant to the syllabus of few courses.
2. Necessary initiatives were taken to improve student-faculty interaction and to understand the challenges and opportunities present in the Institute and to counsel their academic and personal problems 'Students Mentoring System' is introduced.

Dr N, Malla Reddy

HOD-EEE

Dr. K. Ramesh Reddy

Principal , GNITS