

**G. Narayanamma Institute of Technology and Science**  
**(Autonomous) (For Women)**  
**Shaikpet, Hyderabad – 500104.**  
**Department of IT**

**Stakeholder Curriculum Feedback**  
**Summary and Actions Taken**  
**2021-22**

**FEEDBACK SUMMARY:**

Feedback on GNR-18 collected from various stakeholders. Following were the inputs received from the stakeholders regarding the syllabus.

**Curriculum Feedback Suggestions from Students**

1. Improvement in sequence of courses
2. Expectation of more LAB equipment's
3. For elective subject's requisition for more case studies
4. Expecting subject revision as it looks very vast.
5. Provide subject related workshops
6. Industrial or company visits should be part of the curriculum
7. Practical experience of internships should be provided
8. Introduce more application oriented subjects
9. Seminar Group discussions for few subjects
10. Encourage Gate aspirants

**Curriculum Feedback Suggestions from Teachers**

1. Curriculum framework was good. Need to add more industry oriented courses and enhance lab courses and their experiments. More credits can be assigned to practical courses and career oriented courses.
2. Revision is needed periodically due to rapid changes in technologies as well as industry needs.
3. Including python in the curriculum will help the students in doing Projects.
4. Better to add some courses like Web Technologies, Internet of Things and Machine Learning in 3<sup>rd</sup> year 1<sup>st</sup> semester. So the students can use the concepts for their projects.
5. For some courses lab should be conducted in successive semester as they need better knowledge of that concepts which they learn in theory to implement them.

**Curriculum Feedback Suggestions from Employers**

1. The curriculum is good and matches to the hiring trends in the Market.
2. I suggest it is good to include more coding oriented syllabus.
3. The curriculum to adopt new methods and technology
4. The curriculum has relevance to the industrial needs

**Curriculum Feedback Suggestions from Alumni**

1. Very good & qualitative education skills provided by college.
2. Need to focus more on current technologies among the students
3. It will be good we have incubation center and motivate students to become entrepreneurs & innovators
4. More industry oriented curriculum framing is needed.
5. Students expect industry oriented project development rather than regular projects.
6. Most of the students are satisfied with the accessibility of reference books

## Action Taken

The stakeholder feedback report was put forward in the DAC meeting of IT department and a detailed discussion was made and the following actions were proposed:

- There is a mismatch between skills and jobs. This means that only academics is not providing skills that has demand in the market. There is a need for collaboration and partnership agreements with industry. When industry and higher education institutions work hand in hand to reach new heights of knowledge, they become a powerful engine for innovation and economic growth. To make the curriculum more industry oriented, the following actions were planned and put into effect from the academic year 22-23.
  - At least 4 seminars/workshops per academic year with industry collaboration are being conducted.
  - Hobby Projects for II BTech is planned to include in the curriculum for early project exposure to students.
  - Value added courses are being planned for both B.Tech II and III years to equip students for latest industrial technologies
  - It was decided to offer courses in emerging technologies under professional elective, subject to BOS approval.
  - Pre-placement training programs are being offered to help students in developing specific skills related to their subjects to stay ahead in the competition. For II Btech students it is offered using Code Ninjas and for III BTech students, Programming Skills Development using Edyst and Aptitude skills improvement through Condura are being offered.
  - A Value added course in Professional Development covering Communication skills, Personality Development and Career Planning is being offered for I BTech students at institution level.
- There is a vast need to bridge the gap between the academia and industry hence it is planned to arrange periodic alumni interaction for knowing the current skill set requirements of the industry.
- It was decided to forward this feedback and comments to BoS committee for further discussion and inclusion in syllabus.

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