

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

Alumni feedback: AY 2021-2022

- Alumni raised concern on the need for infrastructure upliftment for the department.
- Suggestions for inclusion of Industry-oriented courses were made by the Alumni.
- Suggestion was given by Alumni to draft projects undertaken by students to file patent applications.
- Emotional wellbeing especially in post-covid circumstances must be taken care.
- Alumni appreciated the regular updating of the curriculum while taking into account the industry requirements and best practices must be incorporated.

Employer feedback: 2019-2022 Batch (2 year) and 2018-2022 Batch (3 year)

- Better technical skills in Machine Learning, Deep Learning, Python, Data Science and related upcoming areas so that students acquire domain knowledge by conducting workshops and seminars periodically.
- Need to improve problem solving abilities in students so that they are placement ready.
- Development of soft skills and aptitude development training amongst students to be given at the earlier semesters.
- Curriculum to formalise self-learning capabilities amongst students.
- Programmes for internships assist students in gaining practical experience in the workplace and gaining insight into corporate culture and industry goals in particular fields.

Student feedback: 2019-2022 Batch (2 year) and 2018-2022 Batch (3 year)

- Learning material provided by the faculty members is students expressed satisfaction on learning material provided by faculties
- Curriculum relevance - Students found the curriculum aligned with industry requirements
- Selection of electives based on their career goal and interest areas.
- Increase the frequency of industrial visits to identify potential job opportunities.
- In some subjects, students emphasised on more practical-based subjects.
- Student engagement - Due to the influence of Covid external participation was restricted to the students, once it is completely eradicated, students should be encouraged.
- At department level personality development opportunities may be provided.
- Expressed need for the systematic inclusion of virtual resources.

Course Coordinator feedback: AY 2021-2022

- Curriculum is relevant but systematic knowledge enhancement is required.
- Better understanding and awareness of NEP is required.
- Industry-Integrated training and labs
- Infrastructure and resources renovation is required
- Opportunities for research outcomes to be provided.

Action plan 2022-2023 based on 2021-2022 feedback summary

Based on the Alumni Feedback

- Renovation request is raised and granted for infrastructure renovation and updation
- The IBM Global University program in accordance to MOU between our college and IBM has been included as part of subject delivery and evaluation
- In collaboration with IIC cell, the department faculty have delivered expert talks on patent drafting to the final year students, the same practice will be further formularised for better outcomes in terms of quality and quantity
- TEDx talk in sync with college requirements are planned once each semester.

Based on Employers Feedback

- Based upon employer's feedback following action plan are shortlisted
 - Syllabus gets refined in every BOS to incorporate subjects and contents in alignment with the requirement of the industry
 - In NEP curriculum emphasis is laid on development and evaluation on students project thru formal inclusion of project work in two phases so that the student may take up an intensive project incorporating all software engineering techniques across two semesters.
 - The curriculum is being designed to include team activities like proposing KCST funded projects, research paper writing, presentation and patent application drafting along with student team participation in external co-curricular activities.

- As part of the curriculum Life Skills is included where the students are sculpted on their communication skills, interpersonal skills, group discussion skills and presentation skills to mention a few
- Students have to take online MOOC classes NPTEL and IBM course.

Based on Student Feedback

- Upgrading BOS so that curriculum is aligned with requirements they perceive from industry
- Different electives provided to students to choose based on their interest
- Industrial visits to R&D divisions of Central Government organization like ISRO and ISCKON are done to explore the advanced computing facilities
- Hands-on subjects included in the curriculum
- Club activities involvement and external participation of the students will be encouraged
- Involving the students in various inter-departmental activities by providing proper roles and responsibilities for the execution of the event.
- Inclusion of virtual labs ,to learn beyond syllabus.

Based on Course Coordinator Feedback

- Faculty required to take up any two technical courses in NPTEL
- Faculty attended NEP IGNOU
- Industry integration training and labs with IBM, Virtual Lab
- Infrastructure and resources renovation is in the progress with inclusion smartboard and white board in the classrooms

- More Opportunities are provided for research outcomes by presenting research papers in IEEE Scopus indexed conference , Scopus indexed and Web of Science journals