NEW HORIZON
COLLEGE OF ENGINEERING
New Horizon Knowledge Park, Ring Road, Marathalli
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade. Accredited by NBA

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING
Stakeholders Feedback: AY 2024-2025

Alumni Feedback: AY 2024-2025

1. Alumni appreciated the department for maintaining a progressive learning environment supported by upgraded laboratories, digital classrooms, and modern software development facilities relevant to current industry practices.

2. Graduates acknowledged that the department's focus on communication skills, leadership qualities, teamwork, and professional ethics contributed significantly to their workplace confidence and career development.

3. Alumni highlighted the encouragement provided for entrepreneurship, innovation activities, startup mentoring, and project incubation initiatives that motivated students to explore creative technological solutions.

4. The alumni network was recognized as a valuable platform for professional collaboration, career guidance, and mentoring. Alumni recommended strengthening global networking opportunities through digital engagement initiatives.

5. Alumni who participated in internships, technical certification programs, and collaborative projects expressed that such experiences improved their technical competency, industry exposure, and adaptability.

Employer Feedback: AY 2024-2025

1. Employers suggested encouraging students to actively participate in coding contests, technical symposiums, hackathons, and innovation challenges to improve analytical thinking and collaborative problem-solving abilities.

2. Industry representatives recommended integrating practical mini projects, internship-oriented assignments, and domain-specific technical courses into the curriculum to enhance industry readiness.

3. Employers emphasized the importance of continuous interaction between academic institutions and industry professionals to ensure curriculum alignment with emerging technologies and industrial requirements.

4. Employers recommended organizing expert lectures, technical workshops, and seminars in advanced domains such as Data Science, Mobile Application Development, Artificial Intelligence,

Cloud Computing, Cyber Security, and Software Testing.

5. Employers also encouraged students to pursue globally recognized certification programs and industrial internships to strengthen employability and technical proficiency.

Students Feedback: AY 2024-2025

1. Students expressed interest in gaining enhanced global exposure through international internships, collaborative projects, technical exchange initiatives, and interactions with global industry experts.

2. Students appreciated the department's efforts toward digital learning and suggested implementing additional environmentally sustainable initiatives and green campus practices.

3. Students emphasized the importance of experiential learning through coding bootcamps, workshops, industrial visits, interdisciplinary projects, and advanced laboratory sessions.

4. Students recommended expanding virtual laboratories, cloud-based learning resources, and simulation platforms to support flexible learning and practical experimentation.

5. Students highlighted the need for greater support toward undergraduate research, innovation activities, faculty mentoring, and opportunities for technical publications and patent development.

Course Coordinators Feedback: AY 2024-2025

1. Faculty members recommended introducing advanced courses in Mobile Application Development, Cloud Computing, and Data Science to strengthen students' expertise in modern computing technologies.

2. Coordinators suggested incorporating Software Testing, Automation Frameworks, and Quality Assurance concepts to improve students' understanding of software reliability and testing methodologies.

3. It was proposed to strengthen curriculum modules related to Artificial Intelligence, Machine Learning, and Business Analytics to support intelligent application development and data-driven solutions.

4. Faculty members recommended integrating Cyber Security, Ethical Hacking, and Information Security concepts into practical coursework to enhance secure computing practices.

5. Coordinators also suggested providing hands-on training in Full Stack Development, DevOps, UI/UX Design, and Cloud Deployment Technologies to improve software engineering competencies.

Action Plan 2025-2026 based on 2024-2025 Feedback Summary

Based on the Alumni Feedback

• Upgrade computing laboratories and smart classrooms to support innovative learning and research activities.

• Conduct professional skill enhancement programs focusing on communication, leadership, and interpersonal development.

• Organize entrepreneurship development activities, innovation contests, and startup mentoring programs.

• Strengthen alumni interaction through networking platforms, technical forums, and collaborative engagement initiatives.

• Increase opportunities for industrial internships, certification programs, and academic collaborations.

Based on the Employer Feedback

• Conduct coding competitions, hackathons, and technical innovation challenges regularly.

• Integrate industry-oriented projects, case studies, and practical learning activities into the curriculum.

• Establish structured industry interaction mechanisms to continuously improve curriculum relevance.

• Organize seminars, workshops, and guest lectures on emerging technologies including Data Science, AI, Cloud Computing, and Software Testing.

• Encourage students to complete globally recognized certification programs and internship opportunities.

Based on the Student Feedback

• Collaborate with industries and universities to provide international learning and internship opportunities.

• Promote sustainable and environmentally responsible digital infrastructure practices across the campus.

• Increase practical exposure through coding bootcamps, project-based learning, and laboratory activities.

• Implement virtual laboratories and cloud-enabled learning platforms to support flexible learning.

• Encourage undergraduate research activities through faculty mentorship, project funding, and innovation support.

Based on the Course Coordinator Feedback

• Introduce advanced modules in Mobile Application Development, Data Science, and Cloud Computing.

• Include Software Testing, Automation Testing, and Quality Assurance methodologies within the curriculum.

• Strengthen curriculum components related to Artificial Intelligence, Machine Learning, and Business Analytics.

• Integrate Cyber Security, Ethical Hacking, and Information Security concepts into practical learning.

• Provide hands-on training in Full Stack Development, DevOps, UI/UX Design, and Cloud Deployment Technologies.