

Action Taken Reports

Sr. No.	Title of Gap	Type of Stakeholder who Identified the Gap	Proposed Action Plan	Timeline
1	The relevance of syllabus to recent Industrial developments.	Student	Expert Talks to be organized by the department on latest industry trends.	December 2022
2	Usefulness of course contents for enhancing analytical and technical skills of students.	Student	Faculty teaching core subjects like DSA, DBMS, OS etc. to educate students about improving technical skills.	June 2023
3	Usefulness of the course contents to students for pursuing higher studies.	Student	Faculty teaching advanced subjects like AIDS, Cyber Security, IoT/IoT etc. to educate students about improving technical skills.	June 2023
4	Usefulness of syllabus to students for upgrading their hardware and software skills to copeup with advanced tools /simulators used in the industry.	Student	Workshops to be organized by ITSA and ACM on industrial tools.	December 2022
5	Usefulness of curriculum to students for applying their knowledge to assess societal, health and safety issues.	Student	50% of project work(Mini Project, Final Year Project, Internships) to be based on societal, health and safety domains.	June 2023
6	The relevance of skillset and knowledge acquired during final year project implementation	Student	Students to complete certificate course on the technology they are using to implement final year project.	June 2023
7	Placement and career opportunities provided by the Institute	Student	Placement coordinator to actively involved in tie-up with companies for internship and placement opportunities.	June 2023
8	Internet and Wi-Fi facility	Student	Not Applicable	Not Applicable
9	Canteen Facility	Student	Not Applicable	Not Applicable
10	Sports and Cultural Activities	Student	Not Applicable	Not Applicable

11	Institute's overall infrastructure	Student	Lab Development proposal with required hardware and software submitted.	December 2022
12	The relevance of curriculum with respect to your current Job profile.	Alumnus	Alumni coordinator to organize workshops on the topics suggested by Alumni during Alumni meet to bridge the industry-Academia gap.	June 2023
13	University syllabus to recent industrial developments.	Parents	Expert Talks to be organized by the department on latest industry trends.	December 2022
14	Usefulness of curriculum for applying students' knowledge to assess societal, health and safety issues.	Patents	50% of project work(Mini Project, Final Year Project, Internships) to be based on societal, health and safety domains.	June 2023



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1	Rate usefulness of syllabus to students for upgrading their hardware and software skills to cope up with advanced tools /simulators used in the industry.	Student	<ul style="list-style-type: none"> • Increase the number of problem-based learning experiments. • More emphasis on project-based learning. • Upgrading laboratories with open-source tools. 	15 th Sept 2022
2	Rate usefulness of curriculum to students for applying their knowledge to assess societal, health and safety issues.	Student, Alumni	<ul style="list-style-type: none"> • Conveying feedback to the chairman board of studies computer engineering. 	15 th Sept 2022
3	Rate the relevance of skillset and knowledge acquired during final year project implementation	Student	<ul style="list-style-type: none"> • Introducing value added courses. • involvement of industry mentors. • Facilitating for paid internships. 	22 nd Nov 2022
4	Rate the relevance of syllabus to recent Industrial developments.	Alumni/Parent	<ul style="list-style-type: none"> • Conveying feedback to the chairman board of studies computer engineering. • Educating students with recruitment processes of top companies. • Establishing relations with industries. • Promoting industry projects. 	22 nd Nov 2022
5	Rate the relevance of curriculum with respect to your current Job profile.	Alumni	<ul style="list-style-type: none"> • Including more beyond syllabus activities in TLP. • Encouraging students for certification. 	15 th Sept 2022

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6.	Internet and Wi-Fi facility	Student	<ul style="list-style-type: none">A meeting will be scheduled with systems to discuss the issue and find out root cause.	15 th Sept 2022
7.	Canteen Facility	Student	<ul style="list-style-type: none">Will inform management about facility improvement.	15 th Sept 2022
8.	Sports and Cultural Activities	Student	<ul style="list-style-type: none">A meeting will be scheduled with sports and cultural committee to discuss the issue.	15 th Sept 2022



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1.	The curriculum has to be revised to reflect current industry trends.	Student, Alumni and Parent	<ul style="list-style-type: none"> Active involvement of industry experts for autonomy curriculum design Seminar on recent trends and technology in electronics field 	August-September 2022 Academic enrichment committee (Dr. Sangeeta Joshi)
2.	Knowledge of modern industrial tools	Student, Alumni	<ul style="list-style-type: none"> Organize industrial visits to reputed industries like <ol style="list-style-type: none"> Govik Industries IITB Nano-fabrication Lab Fablab KJSCE, Vidyavihar Adani Thermal power station Tata communication Dighi. Prasar Bharati, Malad. 	September 2022 Dr. Nayana Mahajan
3.	Enhancing analytical and technical skills through hands-on practise for hardware implementation.	Student, Alumni	<ul style="list-style-type: none"> Student development program for technical skills development and experiential learning 	October-December 2022 EESA (Prof. Akshata Bhat)
4.	Applicability of the curriculum to students' assessment of societal, health, and safety issues.	Student, Alumni and Parents	Participation in competitions like Smart India hackathon to address societal, health and safety issues.	August 2022 Prof. Javed Patel
5.	Relevance of skills and knowledge gained during the execution of a final year project	Student, Alumni	<ol style="list-style-type: none"> Participation in competitions like hackathon, Participation in Inter college Project Competitions Technical paper writing and publication 	August-November 2022 Prof. Akhil Masurkar
6.	Curriculum importance in relation to job profile	Alumni	<ul style="list-style-type: none"> Active participation of Alumni in curriculum design for autonomy Panel discussion with notable Alumni for final year students 	October 2022 Prof. Rajashree Soman
7.	Research-based knowledge and research methods	Alumni	Seminar on: <ul style="list-style-type: none"> IPR Patent 	October 2022 Dr. Sheetal Mapare

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	for developing resources and modern engineering products		<ul style="list-style-type: none"> Funded projects 	
8.	Internet and Wi-Fi facility	Student	<ul style="list-style-type: none"> Network coverage improvement by adding more no. of routers Opt for service provide excellent browsing speed of around 500MBPS	October-December 2022
9.	Canteen Facility	Student	<ul style="list-style-type: none"> More no. of food items to be introduced Seating arrangement need to be increased	October-December 2022
10.	Sports and Cultural Activities	Student	Active participation extracurricular and cultural activities	October-December 2022



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1	Syllabus need to be updated to make it more relevant to recent industrial developments.	Student, Teacher, Alumni and Parent	Following activities are proposed to get exposure on recent industrial developments. 1. Syllabus contents are updated in Autonomy syllabus.	August 2022
			2. Honour/Minor degree courses such as IOT, Artificial Intelligence and Machine learning, Data Science, Cyber Security are introduced.	August 2022
			3. Industrial visit to Tata Communication, Dighi	September 2022
			4. Industrial visit to Prasar Bharati, Malad.	October 2022
			5. Industry expert talk on "Recent trends in Telecommunication"	September 2022
2	Technical exposure to latest industrial tools to get practical hands on for enhancing analytical and technical skills.	Student, Teacher and Alumni	Hands on workshops on following topics are proposed. 1. IOT	October 2022
			2. FPGA and VLSI	November 2022
3	Usefulness of curriculum to students for applying their knowledge to assess societal, health and safety issues.	Student, Teacher, Alumni	Participation in competitions like Smart India Hacko-Thon to address societal, health and safety issues.	August 2022
4	Relevance of skillset and knowledge acquired during final year project implementation	Student, Alumni	1. Participation in competitions like Hacko-Thon,	August 2022
			2. Participation in Inter college Project Competitions	August-November 2022
			3. Technical paper presentation	August-November 2022
6	Relevance of curriculum with respect Job profile.	Alumni	Expert session on Special topic based on job profiles like 1. Drive testing in telecommunication 2. G-PON Technology/ FTTH 3. MEMS	October 2022

7	Research-based knowledge and research methods to create resources, and modern engineering products	Alumni	Students can be encouraged to file patents, apply for Seed fundings through IIC cell	August- November 2022
8	Final Year Projects: - Working on Real Time Projects, Completing projects by 3 rd Year so that students can concentrate on placements in Final Year.	Student	Seminar on, 1. Identification of real time engineering problem statement 2. Converting Prototypes into Products	October 2022
9	Free Certification courses should be offered & exposure to modern industrial tools is expected	Alumni, Parents	Students will be encouraged to join MOOC courses, Coursera, Udemi, ISRO and NPTEL.	August- October 2022
10	Placement selection/Rejection updates are not properly communicated	Student	Report to be prepared with detailed remarks and it should be communicated to students after every placement drive.	August- November 2022
11	Internet and Wi-Fi facility	Student	Network coverage improvement by adding more no. of routers	October- December 2022
12	Canteen Facility	Student	More no. of food items to be introduced	October- December 2022



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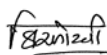


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1.	Syllabus to be aligned with recent Industrial developments. (63)	Alumni	While setting R19 syllabus the new subjects like AI, ML, Data Science, IOT, Ergonomics, medical device regulations are introduced.	July 2022
2.	Curriculum should more with respect to current Job profiles. (53)	Alumni	While framing Autonomy syllabus the care has been taken to make 3 separate tracks, AI-ML, IOT, medical equipment management are introduced so students can introduce anyone track to opt for industry of their choice. Similarly, we have offered Minor degrees in AI-ML, datascience, IOT, Cyber Security to current SE & TE students which will boost their career perspective.	August 2022
3.	Abilities to cope up with advanced tools /simulators used in the industry (47)	Alumni	Subjects like Skill based lab wherein students are taught Python programming. They are also made acquainted with Multisim, MATLAB, Simulink, Tinker cad. Some experiments are also conducted on virtual lab. Mini projects are assigned to SE & TE students where these tools can be used.	October 2022
4.	Needs improvement in the Internet and Wi-Fi facility (55)	Student	Matter will be discussed with Systems department and necessary action such as installation of boosters or repeaters will be done wherever required.	Dec 2022



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1.	Relevance of syllabus to applied functional areas of Management (63.16)	Student and Alumni	The Autonomy syllabus has been drafted by considering this gap over the period of time. More practical oriented subjects like MS office training, Business Simulation, Design Thinking and Innovation etc. will be offered to student. The department is planning to conduct the specialisation workshops and summits to give students functional perspective of each specialisation.	Dec 2022
2.	Usefulness of course contents for enhancing analytical and technical skills of students (64.86)	Student	The Autonomy syllabus has been drafted by considering this gap over the period of time. The subjects imparting analytical and technical skills will be offered to students during first year and second year E.g. Business Simulation, Big Data and analytics, Technology and Innovations.	Dec 2022
3.	Usefulness of syllabus to students for Online Industry-Institute Interaction (Industrial Visits, Guest Lecture, Technical Sessions, Workshops etc. (64.86)	Student	After starting the sessions in offline mode and release of covid restrictions on campus guest sessions and workshops will be conducted for students. Industrial Visit for finance specialisation students at NISM is planned.	August 2022
4.	Usefulness of curriculum to students for applying their knowledge to assess societal, health and safety issues. (67.57)	Student	Under Autonomy Framework subjects like Social Entrepreneurship, Rural Banking & Financial Inclusion, Corporate Social Responsibility will be offered to student as a part of life enrichment and life inspiring courses	Dec 2022
5.	Relevance of curriculum with respect to your current Job profile (63.16)	Alumni	The Autonomy syllabus has been drafted by considering this gap over the period of time. More practical oriented subjects like MS office training, Business Simulation, Design Thinking and Innovation etc. will be offered to student	Dec 2022

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6.	Placement and career opportunities provided by the Institute (54.05)	Student	As we have shifted from online to offline sessions, the physical placement grooming sessions, training sessions on GD and PI will be conducted in the beginning of semester III. The placement team of MMS has started working making plans to visit the companies to call them on campus for placement opportunities	Oct 2022 onwards



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