Department of Artificial Intelligence & Data Science

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Academic Year : 2023-2024
ACTION TAKEN REPORT

Name of the Survey	Comments	Action Taken
Course End Survey	Students suggested to include some company related problems in 21ID13 - Java Programming course.	The suggested problems will be added in 2023 regulations.
	Students suggested executing the programs in a tool for 21ID24-Deep Learning Methods programs.	Suggestions considered and tools(Jupyter) identified to execute the programs for the next batch students.
	Students suggested an industrial visit to learn company activities for software development for the course 18SE25 Industry 4.0.	Suggestion will be considered for the next batch students.
Faculty Survey	Ms.K.Sathya,AP/AD faculty suggested to give a prerequisite course priorly before studying of 21ID24-Deep Learning Methods course.	Suggestions will be considered in 2023 Regulations.
	Mr.M.Navaneethakrishnan,AP/AD suggested that any data server or data science related company visit to make students more interested in the course 21ID05 Database Management Systems .	Suggestions will be considered.
	Mr.I.Surenther,AP/AD suggested adding additional courses related to Internet of Things to make students understand about data collection from various sources for the course 21PD21 Streaming Analytics.	Suggestions will be considered and started to conduct seminar and project presentation activities under the IoT club.

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DEPARTMENT OF
COMPUTER SCIENCE AND DESIGN

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Academic Year: (2023-2024)

Action Taken Report

Name of the Survey	Comments	Action Taken
Course End Survey	Students suggested to include the course User Interface Design	Discuss with BOS expert members during BOS Meeting held on 10.06.2023 and the suggested topic "Fundamentals of User Interface Design" will be included in Regulation 2023.
	Students suggested including Value Added Courses relevant to Blender and Unity Design Software	The suggested Value Added Course "3D Animation using Blender" was conducted in second week of March 2024 and the same thing discussed in BOS Meeting held on 10.06.2023.
Faculty Survey	Dr.M.Jaiganesh suggested to include Basics of Computer Graphics and User Interface Design	Discuss with BOS expert members during BOS Meeting held on 10.06.2023 and the suggested topic "Fundamentals of User Interface Design" will be included in Regulation 2023.
	Mr.G.ShivajiRao suggested including 3D Animation Courses.	The suggested Value Added Course "3D Animation using Blender" was conducted in second week of March 2024 and the same thing discussed in BOS Meeting held on 10.06.2023.

HOD/CD

Department of Civil Engineering

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ACTION TAKEN REPORT
Alumni Survey
Academic Year: 2023 – 2024

S.No.	Suggestion for Improvement	Action Taken
1.	Alumni recommended adding courses on emerging technologies and trends relevant to their field, such as data analytics, machine learning, or specific software tools.	The curriculum committee will meet annually to review and revise course offerings, incorporating feedback about emerging technologies and relevant skills.
2.	Several alumni indicated that the course content should be reviewed regularly to ensure it remains relevant to current industry practices.	More hands-on projects and internships will be included in the program, allowing students to gain practical experience and apply theoretical concepts.
3.	Alumni suggested integrating more hands-on projects, case studies, and internships into the program to provide real-world experience and application of theoretical knowledge.	A process for regular content reviews will be established to ensure that course materials are up to date and reflect current industry standards.
4.	Some alumni emphasized the importance of providing networking opportunities, such as guest lectures, workshops, or industry partnerships, to help students connect with professionals in their field.	The department will organize networking events, workshops, and guest lectures featuring industry professionals to provide students with opportunities to connect with potential employers.

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ACTION TAKEN REPORT

Exit Survey

Academic Year : 2023 – 2024

S.No.	Suggestion for Improvement	Action Taken
1.	BIM related courses can be introduced to the students	• A course on 23EXC315/Building Information Modelling in Construction has been included in the R2023 Curriculum
2.	More Practical session are required and site visits can be arranged	• Industry visits in align with the courses offered in the particular semester has been arranged
3.	Career guidance program can be arranged	• **MoU signed with L&T edutech for course delivery and support in placement activities** • Planned for more alumni interaction to guide students

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ACTION TAKEN REPORT
Faculty Survey
Academic Year: 2023 – 2024

S.No.	Course Code / Title	Suggestion for Improvement	Action Taken
1.	21CD07 & Design of Reinforced Concrete Structures	• Instructors requested more visual aids, such as videos and interactive software, to facilitate better understanding of design concepts and reinforce learning. • Recommendations included integrating more hands-on laboratory work and real-world case studies to enhance the practical application of theoretical concepts.	• The course syllabus will be updated to include contemporary topics such as sustainable design practices, advanced concrete technologies, and the use of analysis software. • Additional laboratory sessions and real-world case studies will be integrated into the curriculum to enhance the practical application of theoretical knowledge.
2.	21LE17 & Remote Sensing	• Instructor highlighted the need for students to have a background in geography or geospatial analysis to better grasp advanced concepts in remote sensing. • Instructors indicated that the course should include modules on current trends such as machine learning applications in remote sensing and advancements in satellite technology.	• New modules focusing on machine learning applications in remote sensing and current satellite technologies will be added to the curriculum. • More hands-on projects, fieldwork, and real-world case studies will be integrated into the curriculum to provide practical experience in remote sensing applications.

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ACTION TAKEN REPORT
Employer Survey
Academic Year: 2023 – 2024

S.No.	Suggestion for Improvement	Action Taken
1.	Introduce more hands-on workshops and practical training sessions in emerging technologies relevant to the industry.	The curriculum will be updated to include more practical training and workshops on relevant technologies
2.	Incorporate courses or workshops aimed specifically at improving verbal and written communication skills, as well as presentation techniques.	Workshops on communication, including public speaking and technical writing, will be introduced to enhance graduates' verbal and written skills.
3.	Facilitate access to professional certifications and continuous learning opportunities, such as guest lectures from industry experts.	The college will create partnerships with industry organizations to provide students access to certifications, internships, and networking opportunities.

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ACTION TAKEN REPORT
Course End Survey
Academic Year: 2023 – 2024

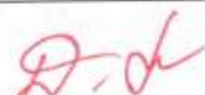| S.No.	Course Code / Title	Suggestion for Improvement	Action Taken
1.	21CC09 & Engineering Geology	Students requested additional case studies and examples of real-world engineering problems related to geological concepts.	Future assignments will include project-based tasks where students apply their knowledge to solve real-world engineering problems.
2.	21CD05 & Structural Analysis I	Students requested additional case studies involving real-world structural analysis problems to better understand application.	Hands-on tutorials for popular structural analysis software (e.g., SAP2000, STAAD Pro) will be added to the course schedule to provide practical skills. The lecture pacing will be revised, allowing for more time on complex topics with periodic reviews and open discussions.
3.	21CD10 & Soil Mechanics	Incorporate more real-world case studies to demonstrate the application of soil mechanics concepts in engineering projects. Use examples from local projects to make the material more relatable and applicable.	Additional lab sessions will be scheduled, providing students with hands-on experience using soil testing equipment and conducting experiments to analyze soil properties. New field assignments will be introduced, allowing students to conduct soil sampling and testing in real-world environments, helping them apply theoretical knowledge in practical settings.

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Course End Survey-2023-24

Course End Survey		Action Taken
21PD05/Database Management System	The DBMS course provided valuable information and hands-on experience.	-
18FD16/XML and Web Services	The inclusion of Latest XML Schema in course helped with theoretical knowledge	-
18PD17/Information Security	The course provided comprehensive view of information security. Few more topics can be included.	Discusses in CDC meeting and will resolve in the coming regulations.
18PD03/Operating Systems	Distributed operating system topic include.	Discusses in CDC meeting and will resolve in the coming regulations
18FE34/Cloud Infrastructure and Services.	Course contents are very relevant and up to date	-
18PD14/Computer Graphics and Multimedia.	Would have been better if more multimedia insights were taught	Suggestions are considered and discussed in CDC
18PE18/Web Application Development using Java	Covers comprehensive range of topics.	-
18PF01/Soft Skills	Communication skills were taught.	-
18PD09/Software Engineering	Valuable insights into software engineering concepts were discussed.	-
21PE01/Advanced Data Structures	Suggested to add segment trees and k-trees.	Suggestions are considered and discussed in CDC
18OA01/Principles of Management and Engineering Ethics	Greatly enhanced knowledge of optimization techniques	-
18SE02/Software Defined Networks	Some more SDN application-leveltopics can be added.	Suggestions are considered and discussed in CDC Suggestions are considered and discussed in CDC

18PD19/Principles of Compiler Design	Practical sessions and problem-solving sessions can be increased.	Suggestions are considered and discussed in CDC Suggestions are considered and discussed in CDC
18ID14/Machine Learning Techniques	Learnt more machine learning models using Python.	-
18PD10/Data Warehousing and Data Mining	Concepts helped in deepening my knowledge and skills.	-

HoD/CS

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Updation in Detailed Syllabi from Surveys

2023-24

Course End Survey	
21PD05/Database Management System	The DBMS course provided valuable information and hands-on experience.
18FD16/XML and Web Services	The inclusion of Latest XML Schema in course helped with theoretical knowledge
18PD17/Information Security	The course provided comprehensive view of information security. Few more topics can be included.
18PD03/Operating Systems	Distributed operating system topic include.
18FE34/Cloud Infrastructure and Services.	Course contents are very relevant and up to date
18PD14/Computer Graphics and Multimedia.	Would have been better if more multimedia insights were taught
18PE18/Web Application Development using Java	Covers comprehensive range of topics.
18PF01/Soft Skills	Communication skills were taught.
18PD09/Software Engineering	Valuable insights into software engineering concepts were discussed.
21PE01/Advanced Data Structures	Suggested to add segment trees and k-trees.
18OA01/Principles of Management and Engineering Ethics	Greatly enhanced knowledge of optimization techniques
18SE02/Software Defined Networks	Some more SDN application-level topics can be added.
18PD19/Principles of Compiler Design	Practical sessions and problem-solving sessions can be increased.
18ID14/Machine Learning Techniques	Learnt more machine learning models using Python.
18PD10/Data Warehousing and Data Mining	Concepts helped in deepening my knowledge and skills.

Faculty Feedback	
21PD02/Data Structures	Suggested to include Tries in the course
21ID14/Machine Learning Techniques	Advised to application-oriented features of ML
21PD13/Java Programming	Topics like IO Streams Java programming can be included
21PD09/Software Engineering	Topics like reverse engineering, forward engineering, software re-engineering can be included
21PE05/Design and Analysis of Algorithm	Suggested lab sessions can include coding contest to test the students programming ability.
21PD15/Data Communication and Networks	Suggested to include more practical session.
18OA01/ Principles of Management and Engineering Ethics	Suggested to add segment trees and k-trees
18NE15/Applied Soft Computing	Suggested to include mini projects with real time applications

Alumni Survey

- Suggested to conduct technical trainings.
- Recommended to include Problem solving, Coding practice sessions, Networking, Data structures, Cloud computing
- To give More awareness on student entrepreneurship, Industry based real time training and experience, Different Tools in industry, more about AI
- To improve knowledge in Agile Methodologies as its basic thing for the Process of the Software Development, Hands-on and daily problem solving, Online browsing, SDET (It will be helpful for automation and manual testing related concepts in college)

Exit Survey

- Suggested to include Core required courses.
- Suggested to include Electives offered are in line with current trends.
- Recommended to include Industry relevant tool-based courses.
- Need more activities other than academic.
- Suggested to provide more practical sessions.
- Need lab facilities for practicing.

Employer survey

- Encouraged the implementation of hands-on training with industry-oriented projects.
- Proposed the inclusion of soft skills training for students.
- Advocated for internal training programs focused on enhancing communication and technical skills.
- Put forth the idea of offering training in parallel and distributed data management.
- Suggested providing real-time training to enhance application development skills.
- Highlighted the importance of empowering students to work concurrently on the latest technological innovations.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Alumni Survey-2023-24

Alumni Survey	Action taken
• Suggested to conduct technical trainings. • Recommended to include Problem solving, Coding practice sessions, Networking, Data structures, Cloud computing • To give More awareness on student entrepreneurship, Industry based real time training and experience, Different Tools in industry, more about AI • To improve knowledge in Agile Methodologies as its basic thing for the Process of the Software Development, Hands-on and daily problem solving, Online browsing, SDET (It will be helpful for automation and manual testing related concepts in college)	• Technical training conducted through Live code session, pair programming ,code reviews ,Hackathons, online collaborative etc • Recommended practice are done through workshops and hands on training • Awareness for mentioned things are done through Alumnus, well trained, Industry peoples by conducting workshop and webinars. • Agil Methodologies will be conducted in future by specific concerned authorities

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ACTION TAKEN REPORT 2023-2024

EXIT SURVEY

S.No	Suggestions from Students	Action Taken
1	Suggested incorporating more real-world applications and case studies.	Open source Lab course is introduced in the revised curriculum. Discussed in CDC/BOS meeting and implemented

FACULTY FEEDBACK

S.No	Suggestions from Students	Action Taken
1	Suggested to introduce value added course such as Data Science and Data Analytics for students	Discussed in DCC meeting and implemented
2	Suggested to introduce industry offered course such as Devops for students	Discussed in DCC meeting and implemented in the revised curriculum

COURSE END SURVEY

S.No	Suggestions from Students	Action Taken
	SEMESTER III	
1	Suggested to include life skill courses to enhance the career opportunities for students.	Discussed in DCC meeting and implemented
2	Suggested to introduce industry offered course such as Computer Vision and Cognitive Science for students.	Discussed in DCC meeting and implemented in the revised Syllabi
3	Suggested to introduce more programming courses like Data Analytics using Python for students.	Discussed in DCC meeting and implemented as VAC
	SEMESTER IV	
4	Suggested to include life skill courses to enhance the career opportunities for students.	Discussed in DCC meeting and implemented
5	Suggested to introduce software security courses.	Discussed in DCC meeting and implemented
6	Suggested provide the more hands-on Training on programming courses.	Discussed in DCC meeting and implemented as NPTEL Course
	SEMESTER V	
7	Suggested to provide more courses in Data mining and business intelligence.	Discussed in DCC meeting and implemented
	SEMESTER VI	

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8	Suggested to provide more advance course in Machine Learning Fundamentals and deep learning.	Discussed in DCC meeting and implemented
9	Suggested to provide more tutorial classes, practice sessions, etc. for students.	Discussed in DCC meeting and implemented as workshops
SEMESTER VII		
10	Suggested to provide opportunities for students to enhance technical expertise, acquire hands-on experience, engage with industry professionals, stay updated on emerging technologies, and foster innovative thinking, in addition to tackling real-time challenges that emphasize ethical practices and uphold moral values.	Discussed in DCC meeting and implemented as students participated in Hackathon, Seminars and Conferences
SEMESTER VIII		
11	Suggested to provide more tutorial classes in Object Oriented courses for students	Discussed in DCC meeting and implemented

HoD/CT
Head of the Department,
Department of Computer Science
and Technology,
Karpagam College of Engineering,
Coimbatore - 641032.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)

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Academic Year: (2023-2024)
Action Taken Report

Name of the Survey	Comments	Action Taken
Course End Survey	Students suggested to include updated topics in 21YD03- Operating System.	The suggested topics will be included in R2023.
	Students suggested to update the experiments in 21YE05-Design and Analysis of Algorithms.	The suggested experiments will be included in R2023.
	Students suggested to include the basic concepts in 21YD16- Vulnerability Assessment and Penetration Testing	The suggested concepts will be included in R2023.
Faculty Survey	Dr.S.Logeswari suggested to remove the following topics from groups, fields and rings in Module I of 21LE09- Cryptography and Network Security.	The suggestions will be considered in R2023.
	Ms.F.Jermina suggested to include the pointers, structures and union in 21YC01-programming logic and design	The suggestions will be considered in R2023.

Head of the Department,
Department of Computer Science
and Engineering (Cyber Security),
Karpagam College of Engineering,
Coimbatore - 641032.

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ACTION TAKEN REPORT FOR VARIOUS SURVEY

TYPE OF SURVEY	COMMENTS	ACTION PROPOSED	FURTHER ACTION
ACADEMIC YEAR 2023-2024			
From the Employer Survey of 2020-2024	Suggested to include the following points: • Industry using Tools based courses Verilog HDL language and EDA tools for VLSI Design • Placement oriented special training session on ECE core courses ➤ VLSI Design, ➤ Embedded Systems, ➤ IoT • Employers acknowledged the graduates' technical proficiency, teamwork, and adaptability to industrial environments. • Communication and problem solving skills were identified as areas needing improvement for enhanced employability. Employers appreciated the hands on experience provided through projects and internships but suggested additional exposure to	It will be discussed in the forthcoming PAC, CDC and BoS meeting • Introduce workshops and certification programs focusing on emerging trends such as AI, IoT, and 5G technologies. • Enhance communication and soft skills training through mandatory courses or seminars. • Strengthen industry institute interaction by organizing guest lectures and industrial visits. • Revise the curriculum to include case studies and problem based learning aligned with industry	It was discussed in the PAC, CDC, BoS and AC meetings. It was approved by the above board and the same was approved in the AC meeting proceedings • Cadence EDA tool is procured & Collaborated with industries for tailor made training modules. • Conducted annual employer feedback sessions to assess the effectiveness of implemented changes. • Monitored placement trends to identify and address additional skill gaps. • Established a dedicated team to facilitate continuous dialogue with industry stakeholders

	emerging technologies.	demands.	
From the Programme Exit Survey of 2020-2024	• NPTEL courses for IoT & Industry 4.0 • MOOC courses for VLSI testing	It will be discussed in the forthcoming DCC, CDC and BoS meeting	The following MOOC/NPTEL courses are recommended and students completed it • Introduction to IoT • IoT & Industry 4.0 • Digital System Design through Verilog • VLSI Testing
From the Faculty Course Feedback academic year 2023-2024	**It is recommended to include VAC** • Machine Learning using Python and Machine Learning for Signal Processing **Title Changes:** • To change the title Sensor Technology into IoT based Sensor Technology and Image Processing Using MATLAB to Image Processing Applications Using MATLAB **Competitive Exam Preparation** • Faculty members noted that course objectives are generally aligned with program outcomes but recommended further clarity in outcome assessments. • Positive feedback highlighted the flexibility in teaching methodologies and support for innovative practices. • Suggestions included improved course content to address evolving technological trends.	It will be discussed in the forthcoming PAC, CDC and BoS meeting • Regularly update Value added course content in consultation with subject experts and industry representatives.	It was discussed in the PAC, CDC, BoS and AC meeting. Provided as value added course for the academic year 2024-2025.

| From the Course End survey Academic year 2023-2024 | 1. Students appreciated the structured delivery of course content and the relevance of practical assignments.
2. Concerns included the need for better integration of theoretical concepts with practical applications.
3. Suggestions were made to incorporate more interactive sessions and real-life examples in lectures.
4. Students expressed the need for additional resources, such as online tutorials and reference materials. | 1. Design assignments and activities that bridge the gap between theory and practice.
2. Implement interactive teaching methods, such as flipped classrooms and case study discussions.
3. Provide supplementary learning resources, including tutorials and e-books. | 1.Monitored student performance metrics to assess the impact of enhanced teaching methodologies.
2.Established a platform for student faculty interaction to address course related concerns.
3.Collaborated with alumni and industry professionals to include contemporary examples in course content. |

HoD/EC

Dr. R. SARANKUMAR, M.E., Ph.D.
Professor & Head
Department of Electronics and
Communication Engineering
Karpagam College of Engineering
Coimbatore - 641 032

Department of Electrical and Electronics Engineering

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Academic Year: (2023-2024)

Action Taken Report

Name of the Survey	Comments	Action taken
Course End Survey	Students suggested to include updated topics and more simulation experiments in 21ED09 – Power Electronics course.	The suggested topics and simulation experiments will be included in regulation 2023.
	Students suggested to include latest topics and basic electrical concept reference book in 21ED15 – Transformer and Induction Machines course.	The suggested topics and reference book will be included in regulation 2023.
	Students suggested to arrange the one day industrial visit to sub-stations for better understanding of 21ED20 – Power System Analysis and Stability course.	Students suggestions will be consider.
Faculty Survey	Mr.P.Palpandian suggested the DC machines can be combined with transformer for the better understanding of the course 21ED14 – DC and Synchronous Machines.	The suggestions will be consider in regulation 2023.
	Mr.V.Govindaraj suggested one day internal power house visit for better understanding of 21ED20 – Power System Analysis and Stability course.	The suggestions will be consider.
	Mr.R.Krishna Kumar suggested to include commutation circuits for SCR in Module I and rearrange the topics in Module II and Module III.	The suggested topics and changes will be considered in regulation 2023.

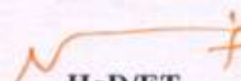|		
	Dr.C.S.Sundar Ganesh suggested to include modern ARM processors in lab.	The suggested laboratory topic will be included in regulation 2023.
Employer Survey	Employer from TESSOLVE suggested to create new environment for learning new things.	The suggestions will be consider.
	Employer from DELTAX suggested to improve communication skills.	The more soft skill courses will be included in 2023 regulation.
	Employer from BOSCH suggested to improve technical skills.	The more recent technical courses will be included in 2023 regulation.

HoD/EE

Head of the Department,
Department of EEE,
Karpagam College of Engineer&
Coimbatore - 641 032.

Department of Electronics and Telecommunication Engineering

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Academic Year: (2023-2024)

Action Taken Report

Name of the Survey	Comments	Action taken
Course End Survey	Suggested to provide the Value added courses on Signal Processing using Xilinx System Generator, Digital Logic Circuits using Logic Circuit Simulator Pro.	The suggested value added course will be included in regulation 2023 to enhance practical skills and industry relevance.
Employer Survey	Employer suggested including the following courses Network Architecture and Security and its lab, Health Care Systems using IoT, RTOS for Embedded Systems.	The suggested course will be introduced in regulation 2023 to align with industry demands and emerging technologies.
Exit Survey	Suggested to include the course Hardware Descriptive language and EDA tool for VLSI Design.	The course will be included in 2023 regulation to address emerging trends in VLSI design and enhance practical knowledge in the field.
Faculty Survey	Mr. S. Manikandan insisted to include the topic "Application of DSP processor in smart phones" in the course of 21TD10 - Digital Signal Processing.	The suggested topic will be included in regulation 2023.
	Dr.C.Arul Murugan suggested to include networks concepts applied industry settings in the course of 21ED23 Computer Networks.	The suggested topic will be considered in regulation 2023.

HoD/ET

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Electronics and Telecommunications Engineering
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Survey Analysis (2023-2024)

Employer Survey Report

S.No	Employer Suggestion	Action Taken
1	Include **Quantum Computing** basics to prepare students for futuristic computing trends.	Discussed in the **CDC/BOS meeting**; will be introduced as an elective in the next academic year.
2	Add **Generative AI** tools like ChatGPT and DALL-E to enhance creative automation skills.	
3	Introduce **Edge Computing** concepts for real-time processing in IoT systems.	
4	Provide training on **Zero Trust Security Models** for advanced cybersecurity practices.	

Exit Survey Report

S.No	Consolidated Suggestion	Action Taken
1	Include more **practical sessions** and hands-on learning opportunities in labs.	Additional lab hours and practical modules are being added to balance theoretical and practical learning.
2	Update the curriculum with **new technologies** like JavaScript, Python, Cloud Computing, and AWS.	Discussed in the **CDC/BOS meeting**; plans to incorporate these technologies in the upcoming syllabus.
3	Enhance **placement training** and include industry-specific problem-solving workshops.	Placement training schedules are being updated with core concepts and mock sessions to prepare students better.
4	Introduce **real-time case studies and projects** to relate concepts to industry practices.	Faculty training on advanced teaching techniques and integration of case studies into the curriculum is planned.

Parent Feedback Report

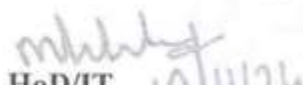| S.No	Consolidated Suggestion	Action Taken
1	Strengthen **coordination** between faculty and students for smoother communication.	Faculty-student interaction sessions and feedback meetings are being planned for better coordination.

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Survey Analysis (2023-2024)

Course End Survey Report

S.No	Semester	Student Suggestion	Action Taken
1	Semester III	Students suggested enhancing **Data Structures, Java**, and **Operating Systems** courses.	Discussed in **CDC/BOS meeting**; will improve the practical and conceptual depth of these subjects.
2	Semester IV	Students requested more focus on **Web Application Development (WAD)**	More industry-based projects will be introduced in **WAD** courses to improve hands-on experience.
3	Semester V	Students requested more **real-time case studies** in **DCCN** to understand industry applications.	Real-time projects related to **DCCN** will be included in the curriculum to bridge theory with industry needs.
4	Semester VI	Students suggested integrating **Artificial Intelligence (AI)** topics into the curriculum.	AI concepts will be added to **Semester VI** and more real-time AI projects will be included for hands-on experience.
5	Semester VII	Students suggested focusing on **AI/ML-based projects** to get real-time experience.	**AI/ML projects** will be incorporated into the curriculum, allowing students to work on real-time AI-driven applications.
6	Semester VIII	Students requested to work on **Project-based learning** for their final-year projects.	More **industry-specific projects** will be included as part of the **final-year project** in Semester VIII.

19/11/24
Dept Coordinator

HoD/IT 19/11/24

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SCHOOL OF MANAGEMENT STUDIES
Consolidation of Stake Holder's Survey 2023-2024

	Suggestions by stake holder	Action Taken
Alumni Survey	**Mandatory Business Analytics Course**: Introduce Business Analytics as a foundational course for all MBA students to ensure they acquire essential data analysis and decision-making skills. **Specialized Placement Training**: Placement training should be customized to each student's core specialization, with the involvement of industry experts to match their skills with current industry demands. **Industry-Specific Memberships and Partnerships**: Strengthen memberships in industry-specific organizations and form partnerships with industry-oriented associations to provide students with real-world exposure. **Specialization-Based Value-Added Courses**: Offer value-added courses tailored to specializations to improve employability and equip students with relevant industry skills and certifications. **Global Market Awareness**: Ensure students develop a strong understanding of global market trends through regular sessions, workshops, and seminars. **Aptitude Training for Competitive Exams**: Include aptitude classes in the curriculum to help students prepare for competitive exams like bank exams.	In R 2023 Data Analytics as a specialization has been already recommended. Students' chapters of CMA/NIPM are established and started effective functioning. Placement training is being initiated with external sources. Increase in number of operation workouts and industrial visits has been recommended. International student exchange program has been initiated with Masha university KL, Malaysia Aptitude classes would be included from training schedule.
Exit Survey	**Business Analytics as a Core Subject**: Include Business Analytics as a core subject for all MBA specializations to ensure students develop essential analytical skills across disciplines. **Flexible Specialization Options**: Offer multiple-choice specializations, allowing students the flexibility to tailor their education to align with their career goals. **Incorporating Live Case Studies**: Introduce live case studies of existing businesses into the curriculum, providing practical insights and opportunities for discussions with industry experts. **International Student Exchange**	Data analytics as a specialization has been already recommended. More courses will add after discussion in CDC and BOS. Special sessions for case analysis will be included from 23 regulations. Steps have taken to collaborate with Masha university KL,Malaysia for the student exchange program.

	Program: Implement an international student exchange program to provide global exposure, enhance understanding of diverse markets, and improve chances of securing international placements. **Practical Focus for Management Studies**: Emphasize the practical application of Management Studies, as it falls under Social Studies, by integrating real-world business challenges into the learning process.	
Employer Survey	**Enhance Communication Skills**: Students should work on improving their communication skills to express ideas more effectively. **Improve Content Writing Skills**: Focus on developing strong content writing abilities to stay relevant and competitive in various professional settings. **Acquire Basic Coding Knowledge**: Learning basic coding skills is essential to remain competitive in the modern job market. **Deepen Knowledge of Global Market Trends**: Students need to enhance their understanding of global market trends to align with international business practices. **Industry Visits for Practical Insights**: Visiting more industries will provide practical insights into industrial operations and real-world business practices. **Positive Mindset and Market Awareness**: Students already demonstrate a positive mindset and a good understanding of the current market scenario.	Recommended for additional Communication session from placement team. Increase in number of operation workouts and industrial visits has been recommended. Data analytics for all specializations as part of the course is being recommended. Semester wise placement training plan is also proposed to the training wing of the college. International student exchange program has been initiated with Masha university KL, Malaysia.

Director

Consolidative Feedback Analysis and Action Taken Report

Academic Year: 2023 – 2024

Type of Survey	Major Grievances / Suggestions	Action Taken
Employer survey	• Suggested to provide Lab course with a project for Full Stack Web Development • Suggested to provide knowledge for Technical skills in the syllabus • Certification course in collaboration with Industry need to provide in relevant areas	Discussed in CDC / BoS meeting and Implemented in the present Regulations 2023
Course Feedback by Faculty	• Suggested to include Visualization topics in R programming	Discussed in CDC meeting and Implemented in 2023 Regulations
Exit Survey	• Suggested to include Low code development in Syllabus	Discussed in the CDC meeting and to be implemented in the next curriculum
Alumni survey	• Suggested to provide MongoDB as Lab Embedded Course • Suggested to provide Laboratory Hours for course R Programming	Will be discussed in CDC and BoS meeting and to be implemented in next regulations
Course End Survey	• Suggested to provide Company based problems for DSA, DBMS, OS and Programming Languages • Suggested to provide Embedded IoT and Arduino programs • Suggested to offer Mini project in second semester • Suggested to reduce the topics in Machine Learning Techniques	Discussed in CDC and recommended to BoS meeting and To be implemented in next curriculum

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COURSE END SURVEY OBSERVATIONS AND ACTION TAKEN REPORT

ACADEMIC YEAR	OBSERVATIONS	ACTION TAKEN
2023-24	**COURSE END SURVEY** • Applied Hydraulics and Pneumatics basics can be taught before mechatronics for better understanding • Latest experiments can be included in mechatronics laboratory. • GD&T basic can be taught for better understanding of Design for Manufacture and Assembly.	• Will be considered in the upcoming regulation • Separate course on GD&T is being planned for 2023-27 batch students

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ALUMNI SURVEY OBSERVATIONS AND ACTION TAKEN REPORT

ACADEMIC YEAR	OBSERVATIONS	ACTION TAKEN
2023-24	• MS Excel can be taught to students • Students should be able to read and understand Engineering / technical drawings. • Value course on GD&T should be given to students • HVAC, industrial safety related course can be given to students as it has lot of scope in Middle Eastern Countries	• Workshops would be conducted to impart knowledge to students on Microsoft softwares. • CAD lab introduced in R2023 • New course framed by L&T Edutech solely focusing on technical drawings and GD&T. • Automotive HVAC is offered as elective in R2018 for III year BE Mechanical Engineering students. • Industrial Safety is offered as an elective

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FACULTY FEEDBACK OBSERVATIONS AND ACTION TAKEN REPORT

ACADEMIC YEAR	OBSERVATIONS	ACTION TAKEN
2023-24	• 21MC03 – Engineering Mechanics – As the syllabus is very vast certain topics can be eliminated • 18AD16 – Off Road Vehicles – Electronics and related topics can be added	• 23MER202 – Engineering Mechanics – Friction related topics has been removed based on faculty feedback. (Refer 19th AC – Pg No 15-17). • New course 23ECR302 - Fundamentals of Automotive Electronics has been introduced in R2023 • New course 23EER303 – Fundamentals of Electron Devices an Sensors has been introduced in R2023

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EXIT SURVEY OBSERVATIONS AND ACTION TAKEN REPORT

ACADEMIC YEAR	OBSERVATIONS	ACTION TAKEN
2023-24	**EXIT SURVEY** • Exposure on opportunities in countries beyond UAE, UK, USA, CANADA to be given to students • IT oriented training to be given to students • Practical training on basic electronics to be given to students • Visit to local industries to be arranged • Student participation in inter college events to be encouraged.	• Alumni talks will be arranged to give exposure to students on abroad opportunities. • Suggestions will be discussed in the upcoming regulations. • All students are encouraged visit local industries and participate in state, national and international events

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Action taken Report 2023-24

Faculty feedback:

S.No	Suggestions from faculty	Action taken
1.	• The faculty members of 21OB13/Mathematical Optimization Techniques gave suggestion that this course can be combined with stochastic process concepts • In Discrete Mathematics, the faculty members suggested to remove some graph theory concepts and introduce some it as whole new paper for graph theory. • For Environmental science subject they put an idea about to the industrial visit for their courses • For Statistics related paper the faculty members put forward an idea for the students to have a hands-on training statistical software such SPSS, Excel sheet, R-programming etc., • Technical English I and II courses need more hours for speaking activities.	Discussed in Bos meeting and implemented in Regulation 2023

Course End survey:

S.No	Suggestions from faculty	Action taken
1.	• Students expect more application oriented problems, case studies for the mathematical courses 21OB01/ Matrices and Calculus and 21OB02 /Vector calculus and Integral Transforms • Students expect more speaking activity for the courses 21OA01/Technical English I and 21OA02/Technical English II • For 21OB21/Engineering Physics courses are changed for streamwise students. • In Electronic device subject, they need more basic knowledge about electronics which is base for this course.	Discussed in Bos meeting and implemented in Regulation 2023

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