Mangalore Institute of Technology & Engineering
Accredited by NAAC with A+ Grade, An ISO 9001: 2015 Certified Institution
(A Unit of Rajalaxmi Education Trust®, Mangalore - 575001)
Affiliated to V.T.U., Belagavi, Approved by AICTE, New Delhi.

ANNUAL REPORT–2022-23

Academic Committee -2022-23

Chairperson	Dr. Prashanth C M	Principal
Members	Prof. Jayadeva Prasad M	Director (PG Studies)
	Mr. Narendra U P	Director (Placements, Training & Industrial Relations
	Dr.C R Rajashekhar	Vice Principal & Head of the Department, Mechanical Engg
	Dr.Vinayambika S Bhat	Dean, Quality Assurance & Head of the Department, Electronics & Communication Engg.
	Mr. Sathisha	Dean Examination
	Dr. Anand S N	Head of the Department, Dept. of Aeronautical Engg
	Dr.Ganesha Mogaveera	Head of the Department, Dept.of Civil Engg
	Dr. Ravinarayana B	Head of the Department, Computer Science & Engg
	Mr. Sunil Kumar	Head of the Dept. of AI&ML / CSE (AI&ML)
	Dr. Shivananda V Seeri	Head of the Dept. of CSE (IoT & Cyber Security with Block chain Tech.)
	Mr.Manjunath H	Head of the Department, Information Science & Engg
	Dr. Mohan Kumar	Head of the Department, Dept. of Mechatronics
	Dr. Jyothi S	Head of the Department, Mathematics
	Dr. Vineetha Telma D'Souza	Head of the Department, Chemistry
	Dr. Raghavendra Sagar	Head of the Department, Physics

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ACADEMIC - COMMITTEE

Report for the Academic Year 2022-23

The academic committee of MITE is an apex body to formulate all the academic requirements and oversees their successful implementations for effective teaching learning process. The Academic committee formulates the calendar of event of the institutions in-line with the academic calendar set by affiliated university Visvesvaraya Technological University (VTU), Belagavi. The committee supervises the successful implementation of teaching pedagogy implementation along with the smooth functioning of classes, examinations, and all other academic requirements.

Number of meetings conducted: 09

Sr. No	Date of Meeting
1	12-09-2022
2	20-02-2023
3	23-03-2023
4	20-04-2023
5	16-05-2023
6	25-05-2023
7	09-06-2023
8	14-06-2023
9	09-09-2023

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Academic Performance:

Our students have secured 5 ranks at university level during the academic year 2022-23 announced by the University in the month of September 2023. The details of the rank holders are as follows:

List of Rank Holders:

Sl. No	Name of Rank Holder	Department	Rank
1	Mr. Rahul Sudhadar	Aeronautical Engineering	VII
2	Ms. Sripriya	Computer science & Engineering	VII
3	Mr. Jithesh	Information Science & Engineering	VII
4	Mr. Druva Jadhav	Mechatronics	VI
5	Ms. Acharya Shriya Shridhar	Mechatronics	IX

Student of Information Science & Engineering Department Ms. Shreya G Prabhu secured B.E with honors degree during the academic year 2022-23.

Our graduating batch of students of 2022-23 has secured extremely good results in the University examinations. Following are the results of students from different departments:

Sl. No.	Department	Total Number of Students	Number of Students Appeared	FCD	FC	SC	Overall Result (%)
1	Aeronautical Engineering	58	58	37	20	0	98.28
2	Civil Engineering	24	24	17	4	3	100
3	Computer Science & Engineering	179	174	173	1	0	98.3
4	Electronics & Communication Engineering	98	98	95	1	0	98
5	Information Science& Engineering	62	62	62	-	-	100
6	Mechatronics Engineering	66	65	55	8	2	98.48
7	Mechanical Engineering	65	49	39	10	-	98
8	MBA	100	100	27	56	15	100

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New Programs added:

New Engineering program B.E. Computer Science & Engineering (Artificial Intelligence & Machine Learning) has been introduced in this academic year 2022-23. Also, a post graduate program, MCA has been introduced in the same year.

Awards and Recognitions:

Proposals submitted by the students of our institution were funded by the **Karnataka State-Council for Science and Technology** (**KSCST)** for their innovative ideas **continuously every year** since 2012-13. During the academic year 2022-23, a total of **22 final year Projects have been financially supported by KSCST** by considering the innovative concepts and ideas under various themes.

Sl. No.	Department	Number of Projects
1	Aeronautical Engineering	3
2	Civil Engineering	1
3	Computer Science & Engineering	1
4	Electronics and Communication Engineering	4
5	Information Science & Engineering	2
6	Mechatronics Engineering	3
7	Mechanical Engineering	5
8	Master of Business Administration	3
Total Number of Projects		**22**

- Our students are achieving the **Best Project Award from KSCST** from last 7 years continuously. During the academic year 2022-23, out of 22 projects, **3 projects** have been awarded as the **Best project of the State** after the State level evaluation of the projects by the expert committee of KSCST. The details of the project are as follows:

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Sl.No.	Department	Project Title
1	Computer Science & Engineering	Rank Based Ensemble Of CNN Models For Breast Cancer Detection in Histopathology Images
2	Electronics & Communication Engineering	A Power Supply Using Supercapacitor Storage Powered By Solar PV Cells
3	Electronics & Communication Engineering	Medical Bed With Integrated Toilet System

- The project titled ' Semi Automatic Areca Nut Collector' submitted from the students of Mechanical Engineering Department has won 1st place at "Anveshana 2023". A state level project championship organized by the Agastya international foundation in association with synopsis.

- The project titled Semi Automatic Areca Nut Collector' submitted from the students of Mechanical Engineering Department has won 1st place at "Anveshana 2023". A state level project championship organized by the Agastya international foundation in association with synopsis.

- The project titled Automated Ration Vending Machine submitted from the students of Mechanical Engineering Department has won 2nd place at "Anveshana 2023". A state level project championship organized by the Agastya international foundation in association with synopsis.

- The project titled Ports 360 submitted from the students of Civil Engineering Department has won 3rd place at "Anveshana 2023". A state level project championship organized by the Agastya international foundation in association with synopsis.

- The projects titled "Automated Ration Vending Machine" and "Chicken Feather Eco-Composite" submitted from the students of Mechanical Engineering Department has won consolation prize at "Anveshana 2023". A state level project championship organized by the Agastya international foundation in association with synopsis.

- The projects titled "Obscure Horn System" submitted from the students of Mechatronics Department has won consolation prize at "Anveshana 2023". A state level project championship organized by the Agastya international foundation in association with synopsis.

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- An idea titled "Design, Analysis and Fabrication of Brake System for All Terrain Vehicles" is funded by Supreme Auto Centre, an industry situated at Ankola.

Accreditation:

❖ The institution is conferred by Autonomous Status by University Grants Commission (UGC), New Delhi from the academic year 2023-24.

❖ The institution has been ranked in 150-300 under Innovation Ranking by The National Institutional Ranking Framework (NIRF), an initiative by Ministry of Education.

❖ Department of Information Science & Engineering is accredited by NBA from the academic year 2022-23 to June 2026.

Details of Conferences,Workshops and FDPs organized in the Campus

Sl. No	Department/Committee/Cell	Title of the event	Event Type	Date From	Date to
1	Mechatronics Engineering	Autodesk Fusion 360	Workshop	06.12.2022	07.12.2022
2		Indusrial Automation Using PLC, HMI & SCADA	Workshop	06.02.2023	10.02.2023
3	Mechanical Engineering	Non-Destructive Testing & Evaluation	Workshop	04.04.2023	-
4		Non-Traditional Machining	Workshop	27.04.2023	28.04.2023
5		Supply Chain Management	Workshop	06.05.2023	-
6		Advanced Machining Process	Workshop	14.07.2023	-
7		Innovative Teaching Strategies	Faculty Development Program	02.06.2023	03.06.2023
8	Information Science & Engineering	Application development using Java	Workshop	23.01.2023	25.01.2023
9	Electronics & Communication Engineering	VLSI Design using Cadence Tool Suite	Workshop	08.09.2022	10.09.2022
10		Research Dissimination through Publications and Patents	Workshop	18.05.2023	20.05.2023
11	Internal Quality Assurance Cell	Computational Mathematics with MATLAB	Faculty Development Program	08.12.2022	10.12.2022

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Sl. No	Department/Committee/Cell	Title of the event	Event Type	Date From	Date to
12		MATLAB & Simulink Campus wide -suite	Faculty Development Program	21.12.2022	21.12.2022
13		Faculty Development Programme on Curriculum Design	Faculty Development Program	22.5.2023	24.05.2023
14		Writing Effective R& D Project Proposal and Funding Opportunities from Government Scientific Departments	Faculty Devlopment Program	08.07.2023	10.07.2023

Intellectual Property Rights:

In the Academic Year 2022-23, total 34 patent applications have been filed by our faculty members and students, out of which 3 patents has been granted. Following are the details of patent granted in this academic year:

Name of the Inventor From the Institution	Title of the Invention	Application No Date of Granted
Dr. Sukhwinder Sharma	A Wireless Copter for Explosive Handling and Diffusing	Application No: 201711011438 Patent No.: 406305 Date of Grant: 09/09/2022
Dr. Puneet Mittal, Dr. Pradeep B S, Dr. Shreekumar T, Mr. Manjunath H, Mr. Rajesh Kamath, Dr. Vinayambika S Bhat, Dr. Sukhwinder Sharma	A System and A Method for Classifying Gender and Emotion by Hierarchical Modelling	Application No. 2022/11445 Republic of South Africa Patent Granted on 21/12/2022
Dr. Shreekumar T Dr.Sreeja Rajesh Ms.Roopitha C H Ms.Sunitha N V Mr.Ashwin Kumar	Intelligent Traffic Light Control Apparatus Using Image Processing Features	Design No. 369789-001 Industrial Design Granted on 23/12/2022

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