

ANNUAL REPORT-2021-22

Academic Committee for the Year-2021-22

Chairperson	Dr. M S Ganesha Prasad	Principal
Members	Dr.C R Rajashekhar	Vice Principal & Head of the Department, Mechanical Engg
	Dr. Divakara Shetty S	Dean(Academics)
	Dr.Vinayambika S Bhat	Dean, Quality Assurance & Head of the Department, Electronics & Communication Engg
	Mr. Narendra U P	Dean, Placement and Training
	Dr. Anand S N	Head of the Department, Dept. of Aeronautical Engg
	Dr.Ganesha Mogaveera	Head of the Department, Dept.of Civil Engg
	Mr. Ravinarayana B	Head of the Department, Computer Science & Engg
	Mr.ManjunathH	Head of the Department, Information Science & Engg
	Dr. Mohan Kumar	Head of the Department, Dept. of Mechatronics
	Dr. Puneet Mithal	Head of the Department, AI& ML
	Mrs. Vineetha Telma D'Souza	Head of the Department, Chemistry
	Dr. Jyothi S	Head of the Department, Mathematics
	Dr. Raghavendra Sagar	Head of the Department, Physics
	Mr. Jayadeva Prasad M	Head of the Department, Master of Business Administration



Mangalore Institute of Technology and Engineering

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(A Unit of Rajalaxmi Education Trust®, Mangalore - 575001)

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ACADEMIC - COMMITTEE

Report for the Academic Year 2021-22

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 inline with the academic calendar set by the affiliated university Visvesvaraya Technological University (VTU), Belagavi. The committee supervises the successful implementation of teaching pedagogy along with the smooth functioning of classes, examinations, and all other academic requirements.

Number of meetings conducted: 06

Sr. No	Date of Meeting
1	25-09-2021
2	22-10-2021
3	04-01-2022
4	15-03-2022
5	05-04-2022
6	20-07-2022

Academic Performance:

Like every year our students have secured 5 ranks at university level during the academic year 2020-21 announced by the University in the month of February 2022. The details of the rank holders are as follows:

List of Rank Holders:

Sl. No	Name of Rank Holder	Department	Rank
1	Sabith Ahamed Manegar	Mechatronics	II
2	N Suraj	Mechatronics	III
3	Varun S L	Mechatronics	VI
4	Yajnesha G	Aeronautical Engineering	VI
5	Abigale	Computer science & Engineering	X

Our graduating batch students of 2021-22 have 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	55	55	44	11	0	100
2	Civil Engineering	48	48	38	2	0	83.33
3	Computer Science & Engineering	120	119	107	12	-	99.16
4	Electronics and Communication Engineering	103	103	99	3	-	99.03
5	Information Science & Engineering	58	57	57	-	-	100
6	Mechatronics Engineering	46	46	44	1	1	96
7	Mechanical Engineering	131	130	127	2	--	99.23



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New Programs added:

New Engineering program B.E. (Computer Science & Engineering [IoT & Cyber security with Blockchain Technology]) has been introduced in this academic year 2021-22.

Awards and Recognitions:

Projects proposed by the students of our institution were financially supported by **Karnataka State-Council for Science and Technology (KSCST)** for their innovative ideas **continuously every year** since 2012-13. During the academic year 2021-22 total of **23 final year Projects have been financially supported by KSCST** by considering the innovative concepts and ideas. The details of department wise projects financially supported are as follows:

Sl. No.	Department	Number of Projects
1	Aeronautical Engineering	03
2	Civil Engineering	04
3	Computer Science & Engineering	02
4	Electronics and Communication Engineering	04
5	Information Science & Engineering	02
6	Mechatronics Engineering	02
7	Mechanical Engineering	06
8	Master of Business Administration	01
Total Number of Projects		24

- Our students are achieving the **Best Project Award from KSCST** from last 6 years continuously. During the academic year 2021-22, out of 21 projects, **one project** has 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:

Sl.No.	Department	Project Title
1	Mechanical Engineering	Converting Scrap Vehicle To An Low Cost Eco Friendly 2 Wheeler Using Universal Conversion Kit

- The project titled 'Eco friendly interlock blocks' submitted from the students of Civil Engineering Department has won 2nd place at "Anveshana 2022". A state level project championship organized by the Agastya international foundation in association with synopsis.
- The project titled 'ICPB with reinforcement layer' submitted from the students of Civil Engineering Department has won consolidation prize at "Anveshana 2022" -A state level project championship organized by the Agastya international foundation in association with synopsis.
- 4 students of Electronics & Communication Engineering department participated in the 'Global TIBCO Labs IoT and Sustainability Hack -online Hakathon' and won 1st Prize with USD 10,000/-.
- 2 students of Electronics & Communication Engineering department participated in the 'Unysis Innovation Program Year – 13' and won Second Prize with a cash Rs. 1.25 Lakhs.
- The project titled 'Fuel fraud detection device' submitted by 4 students of Mechanical Engineering Department has won the consolidation prize at "Anveshana 2022".

Accreditation:

Department of Mechatronics accredited by NBA from the academic year 2021-22. Department of Aeronautical Engineering successfully completed the NBA compliance audit from the year 2021-22. Also, Department of Information Science & Engineering has applied for the NBA accreditation and the audit for the same is scheduled during the month of Dec-2022 / Jan-2023.

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Conferences, Workshops and FDPs organized in the Campus

- ISTE-MITE sponsored 1-day Student Workshop on “Total Station Surveying” was organized by Department of Civil Engineering on March 02, 2022.
- ACES sponsored 2-days Student Workshop on “Up & Vray” was organized by Department of Civil Engineering from May 30-31, 2022
- MITECONS sponsored 3-days hands on training on “Construction practices & opportunities” was organized by Department of Civil Engineering from September 29 to October 1, 2022.
- ACES sponsored 1-day Student Workshop on “Exhibition of working models based on Hydraulic Pressure” was organized by Department of Civil Engineering on August 22, 2022.
- MITECONS sponsored 3-days Faculty workshop on “Hydraulic Modeling of Water Distribution System” was organized by Department of Civil Engineering from March 14 -16, 2022.
- Karnataka Science and Technology Academy, Government of Karnataka sponsored 2-days Student workshop on "Internet of Things Constrained Application Protocol" was organized by Department of Electronics & Communication Engineering from April 07-08, 2022.
- UiPath Academic Alliance sponsored 5-days Faculty Development Programme on "Robotic Process Automation Design & Development" was organized by the Department of Information Science & Engineering from September 27 to October 1, 2021.
- 1-day Student workshop on “IOT and its application” was organized by Department of Mechatronics Engineering on May 24, 2022.
- 3-days Faculty Development Programme on “Introduction to ROBCA” was organized by Department of Mechanical Engineering on April 05-07, 2022.
- 1-day Faculty Development Programme on “Cloud-based 3D CAD, CAM, and CAE platform for product development” was organized by Department of Mechanical Engineering on August 29, 2022.
- 2-days workshop on “Electric Vehicle Technology” was organized by Department of Mechanical Engineering from December 3-4, 2021.
- 2-days workshop on “3D Printing-the Cutting-Edge Technology” was organized by Department of Mechanical Engineering from December 10-11, 2021.



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Grants Received by Department:

- Project titled “**Experimental Investigation on Behavior of GPC Bloch Arches and Validation Using ANN**” from faculty members of Civil Engineering department received research grant of Rs. 10 Lakh from Visvesvaraya Technological University, Karnataka.
- Project titled “**Arm based Personal Massager with Human Tuch**” from faculty members of Computer Science and Engineering department received research grant of Rs. 8 Lakh from Visvesvaraya Technological University, Karnataka.

Intellectual Property Rights:

In the Academic Year 2021-22, total 18 patent applications have been filed by our faculty members and students, out of which one 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. Puneet Mittal Dr. Sukhwinder Sharma Mr. Ramalingam H M	System and Method for Extensions to Subword Analysis of Small Vocabulary and Large Vocabulary ASR	Application No: 2021104848 Australian Patent Granted on: 15/06/2022
