Dr. Ambedkar Institute of Techonolgy
Department of Mechanical Engineering

The documents enclosed are verified and approved.

HOD
Dept. of Mechanical Engineering

HOD
Department of Mechanical Engineering
Dr. Ambedkar Institute of Technology
Bengaluru - 560 056.

Department of Mechanical Engineering
M.Tech in Machine Design

SL. NO	USN	NAME	PROJECT TITLE	PLACE OF PROJECT
1	1DA20MMD01	Abhilash D	Design and Analysis of piston using different materials	In-house
2	1DA20MMD02	Chidananda V R	Design and analysis of Hub Idle Gear	In-house
3	1DA20MMD03	Kishan G Bijoor	Stiffness Optimization of Air Foil Thrust Bearing.	In-house
4	1DA20MMD04	Mamatha J	Synthesis and study structural properties of Glass/Ramie fiber Reinforced Epoxy Hybrid Composite	In-house
5	1DA20MMD05	Praveen K	Effect of zirconium nano particals on microstructure and wear behavior of hybrid GFRP	In-house
6	1DA20MMD06	Shivu G M	Structural design and FEM analysis of bleeder in steam turbine casing using Ansys Workbench	In-house
7	1DA20MMD07	Thara H N	Static and Dynamic analysis of Battery tray for an Electric Vehicle	In-house
8	1DA20MMD08	VINAYKUMAR N	Design and Analysis of Aircraft Truss Using ANSYS	In-house
9	1DA20MMD09	Yashas S	Design ,Static,Dynamic analysis and Material Optimization of Submersible Pump	In-house
10	1DA20MMD10	Keerthi Kumar K	Mechanical Characterization of the Tensile Properties of Glass Fiber and Its Reinforced Polymer (GFRP) Composite under Varying Strain Rates and Temperatures	In-house

Dr. Ambedkar Institute of Technology

(An Autonomous Institute, affiliated to VTU, Belagavi, Accredited by NAAC with A Grade)Bangalore – 560056

DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

Certified that the project work titled **"Investigation on the Structural Properties of Ramie fiber and Glass fiber Reinforced with Epoxy Hybrid Composite"** carried out by **Mamatha J** bearing USN **1DA20MMD04** a Bonafede student of **Dr. Ambedkar Institute of Technology**, Bangalore, in partial fulfillment for the award of Degree in **Master of Technology** in **Machine Design** of Dr. **Ambedkar Institute of Technology, Bangalore,** during the year **2021- 2022**. It is certified that all corrections/suggestions indicated during Internal Assessment have been incorporated in the report deposited in the department. This project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.

Signature of Guide	Signature of HOD	Signature of Principal
Dr. K M PURUSHOTHAMA	**Dr. T N RAJU**	**Dr. M MEENAKSHI**
Professor	Associate Professor and HOD	Principal
Dept. of Mechanical Engg	Dept. of Mechanical Engg	Dr. AIT Bengaluru-56
Dr. AIT Bengaluru-56	Dr. AIT Bengaluru-56	

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Bengaluru - 560 056.

Viva-Voice

Name of the Examiners	**Signature with Date**
1	
2.	