



A J INSTITUTE OF ENGINEERING AND TECHNOLOGY

NH-66, Kottara Chowki, Mangaluru -575006, Karnataka, INDIA

A Unit of Laxmi Memorial Education Trust®

(Approved by AICTE, New Delhi. Affiliated to Visveswaraya Technological University, Belagavi)

Accredited by NBA (BE: CV, CSE, ECE, ISE, ME)

Department of Mechanical Engineering

Ref. No: AJIET/ME/MINIPROJECT/2023-2024

Date: 05/03/2024

CIRCULAR

Students of 5th semester are required to form project batches for the mini project work. Students must form a project group with minimum of two members and maximum of four members. By 19th March 2024, the project list should be delivered to the mini project coordinator. After the mini project batch list have been finalized, the mini project guide allotment will be done.


Mini Project Coordinator


Principal
A.J. Institute of Engineering & Technology
Mangaluru - 575 006


HOD

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI												
B.E. in MECHANICAL ENGINEERING												
Scheme of Teaching and Examinations 2021												
Outcome-Based Education(OBE) and Choice Based Credit System (CBCS)												
(Effective from the academic year 2021 - 22)												
VI SEMESTER												
Sl. No	Course and Course Code	Course Title	Department (TD) and Question Paper Setting Board	Teaching Hours /Week				Examination			Credits	
				Theory Lecture	Tutorial	/	Self -Study	Duration in hours	CIE Marks	SEE Marks		Total Marks
				L	T	P	S					
1	HSMC 21ME61	Production and Operations Management	TD: ME PSB: ME	3	0	0	0	03	50	50	100	3
2	IPCC 21ME62	Heat Transfer	TD: ME PSB: ME	3	0	2	0	03	50	50	100	4
3	PCC 21ME63	Machine design	TD: ME PSB: ME	2	2	0	0	03	50	50	100	3
4	PEC 21ME64x	Professional Elective Course-I	TD: ME PSB: ME	3	0	0	0	03	50	50	100	3
5	OEC 21ME65x	Open Elective Course-I	TD: ME PSB: ME	3	0	0	0	03	50	50	100	3
6	PCC 21MEL66	CNC Programming and 3-D Printing Lab	TD: ME PSB: ME	0	0	2	0	03	50	50	100	1
7	MP 21MEM67	Mini Project		Two contact hours /week for interaction between the faculty and students.				03	100	00	100	2
8	INT 21INT68	Innovation/Entrepreneurship /Societal Internship	Completed during the intervening period of IV and V semesters.					--	100	--	100	3
Total									500	300	800	22
Professional Elective – I												
21ME641	Supply Chain Management & Introduction to SAP		21ME643	Autonomous vehicles								
21ME642	Mechatronic System Design		21ME644	Internet of Things (IoT) (2-0-2-0)								
Open Electives – I offered by the Department to other Department students												
21ME651	Project Management		21ME653	Mechatronics								
21ME652	Renewable Energy Power Plants		21ME654	Modern Mobility								
<p>Note: HSMC: Humanity and Social Science & Management Courses, IPCC: Integrated Professional Core Course, PCC: Professional Core Course, PEC: Professional Elective Courses, OEC–Open Elective Course, MP –Mini Project, INT – Internship.</p> <p>L –Lecture, T – Tutorial, P - Practical / Drawing, S – Self Study Component, CIE: Continuous Internal Evaluation, SEE: Semester End Examination.</p>												
<p>Integrated Professional Core Course (IPCC): Refers to Professional Theory Core Course Integrated with Practical of the same course. Credit for IPCC can be 04 and its Teaching – Learning hours (L : T : P) can be considered as (3 : 0 : 2) or (2 : 2 : 2). The theory part of the IPCC shall be evaluated both by CIE and SEE. The practical part shall be evaluated by CIE only and there shall be no SEE. For more details, the regulation governing the Degree of Bachelor of Engineering /Technology (BE/B.Tech) 2021-22 may be referred.</p>												
<p>Professional Elective Courses(PEC): A professional elective (PEC) course is intended to enhance the depth and breadth of educational experience in the</p>												