



Office of the Director
Institute of Technology, University of Kashmir,
Zakura Campus, Srinagar

No: F(datesheet/pre_project/7th_sem/ Spring_2021/ DoME/DO)IoT/KU/21
 Date: 28/06/2021

The online presentation schedule of pre-project for B.E/ B.Tech, 7th semester (Regular/ backlog) of Mechanical Engineering is as per following details:

Date	10:00 AM onwards	10:00 AM onwards	
	IoT	SSM (G1)	SSM (G2)
29/06/2021 (Tuesday)	Heat transfer study in rectangular channel with K/rooves CFD Analysis of a Modified Double Flap Swing Check Valve Dynamic Analysis of an Aircraft Wing Computational study and model analysis of a shock tube Cascade design of VCR cycle and stirling cycle IoT Based Advanced Tank-Water Level Sensor and Control System.		
30/06/2021 (Wednesday)	Hospital Bed Curn Wheelchair Computational study and development of Ultra Fan Tribological study on Surface Texturing A Study on Solar Water heating System Shake Table A Study on Hydrodynamic Bearings		
02/07/2021 (Friday)		Remote Controlled Mini Forklift Design of Compost Machine Vehicle Equipped Snow Clearance System Development of IoT Based Smart Baby Cradle Voice Operated Solar Energy Based Smart Bins for Smart Energy Generating Smart Roads Management System	Manual Roller bending Machine Design and Analysis of Horizontal Axis Wind Turbine Mini Bench Saw Machine Project Development of IoT Based Smart Baby Cradle Design and fabrication of a multi purpose land rover Regenerative Braking System
03/07/2021 (Saturday)		Kinetic energy Harvesting floors IV Pole with Bag Refill Notification and Monitoring System Plastic Extrusion Machine Exoskeleton Anroid Controlled Solar Grass Cutter Design and Development of Voice Operated Vehicle with Alcohol Detection for Safe Driving	Air powered Pneumatic Vehicle Bumper Medical implants Automated Waste Segregation Robotic Arm Automatic Blackboard / Whiteboard Cleaner System Speed Controlled Automatic Speed Breaker

Instructions for Students

- 1) The examination will be held via Google meet / Zoom, platforms
- 2) The students are hereby directed to submit synopsis of their final year pre project.
- 3) Students must write their synopsis in their own words and any copied material must be properly referred.
- 4) The students must also prepare PPT of 10-15 slides for their evaluation.
- 5) All students shall name their profiles with the last three digits of their University enrolment numbers followed by underscore followed by their first name, e.g. 005_amir, 072_mehak, 118_zubair. The concerned examiners must ensure the same.
- 6) Students must keep video mode on while appearing for the presentation.
- 7) Students must deliver the presentation in a room without any background noise; the room must be properly illuminated, failing which student will be disqualified from appearing in examination
- 8) For the purpose of smooth conduct of the evaluation, a WhatsApp group shall be created and maintained by concerned examiner.
- 9) The online Zoom link for the evaluation shall be shared by the concerned examiner.

Examination Incharge

Department of Mechanical Engineering

Director

Institute of Technology

Copy to:

1. Dean, Academic Affairs, University of Kashmir.
2. Dean, School of Engineering, University of Kashmir.
3. Controller Examination, University of Kashmir.
4. Heads/ Coordinators (all branches), Institute of Technology
5. Principal, SSM college of Engineering and Technology
6. Concerned Faculty Members

June 28, 2021