



## **Result of ISTE M.Tech. Theses Awards 2021**

### **1. ISTE-GSFC National Award for Best M.Tech. Thesis in Mechanical Engineering**

#### **First Prize**

**Parvathi S.**

Dept. of Mechanical Engineering  
Indian Institute of Technology  
Palakkad, Kerala

For the thesis titled : **Investigations on Cartesian Parallel Manipulator for Lower Limb Rehabilitation Therapies**

**Guided by** : Dr. Santhakumar Mohan  
Dept. of Mechanical Engineering  
Indian Institute of Technology  
Palakkad, Kerala

#### **Second Prize**

**Modi Jaimin Satishkumar**

Mechanical Engg. Dept.  
Institute of Technology  
Nirma University, Ahmedabad

For the thesis titled : **Design of Vacuum Frying System**

**Guided by** : Prof. B.A. Shah  
Dept. of Mechanical Engineering  
Institute of Technology, Nirma University  
Ahmedabad, Gujarat

### **2. ISTE-IPCL National Award for Best M.Tech. Thesis in Chemical Engineering**

#### **First Prize**

**Zavin R. Gajera**

Chemical Engineering Dept.  
Motilal Nehru National Institute of Technology, Allahabad  
Prayagraj

For the thesis titled : **Studies on Co-Gasification of Petcoke and Biomass**

**Guided by** : Dr. Ashish N. Sawarkar  
Assistant Professor, Dept. of Chem.Engg.  
MNNIT, Allahabad

**Second Prize**

**Nikhil Kirti**

Chemical Engineering Dept.  
Motilal Nehru National Institute of Technology, Allahabad  
Prayagraj

For the thesis titled : **Kinetic and Thermodynamic Analysis of Pyrolysis of Pigeon Pea (Cajanus Cajan) Stalk**

**Guided by** : Dr. Ashish N. Sawarkar  
Assistant Professor, Dept. of Chem.Engg.  
MNNIT, Allahabad

**3. ISTE-L&T National Award for Best M.Tech. Thesis in Electrical/Electronics Engineering**

**First Prize**

**Swapnil Ramesh Revankar**

Power Systems and Power Electronics  
Rajarambapu Institute of Technology  
Sakharale, Dist. Sangli

For the thesis titled : **Economic Operation Scheduling of Microgrid with Battery Swapping Station**

**Guided by** : Dr. Vaiju N. Kalkhambkar  
Associate Professor, Dept. of Electrical Engg.  
Rajarambapu Institute of Technology  
Sakharale, Dist. Sangli

**Second Prize**

**Neha Singh**

Dept. of Electronics and Comm. Engineering  
PES University  
Bangalore

For the thesis titled : **FPGA Implementation of 32 APSK Demodulator**

**Guided by** : Dr. Manikandan J.  
Professor, Dept. of ECE  
PES University, Bangalore

**4. ISTE National Award for Best M.Tech. Thesis in Civil Engineering**

**First Prize**

**Chaitanya Purushottam Garud**

Civil Engg. Dept.  
D.Y. Patil College of Engineering  
Akrudi, Pune

For the thesis titled : **Use of Black Soldier Fly Larvae in Municipal Organic Waste Management**

**Guided by** : Dr. Ashok B. More  
Dept. of Civil Engineering  
D.Y. Patil College of Engineering  
Akurdi, Pune

**Second Prize**

**Mali Ankush Dattatray**  
Civil Engineering Dept.  
T.K. Institute of Engineering & Technology  
Warananagar, Dist. Kolhapur

For the thesis titled : **Use of Lean Technology for Increase of Productivity in Construction Industry**

**Guided by** : Mr. G.N. Kanade  
Dept. of Civil Engineering  
T.K. Institute of Engineering & Technology  
Warananagar, Dist. Kolhapur

**5. ISTE National Award for Best M.Tech. Thesis in Agricultural Engineering**

Awarded to:

**Anand Shivashimpar**  
Division of Agricultural Engineering  
Indian Agricultural Research Institute  
New Delhi

For the thesis titled : **Design of Smart Device for On-Field Crop Cutting Energy Measurement**

**Guided by** : Dr. Roaf Ahmad Parray  
Scientist, Division of Agricultural Engg.  
ICAR-Indian Agricultural Research Institute  
New Delhi

**And**

**Dinesh Gulati**  
Dept. of Soil & Water Engg.  
Punjab Agricultural University  
Ludhiana

For the thesis titled : **Simulation of Groundwater Recharge from Direct Seeded and Transplanted Rice Fields**

**Guided by** : Dr. Sanjay Satpute  
Scientist, Dept. of Soil and Water Engineering  
Punjab Agricultural University  
Ludhiana

**6. Kings College of Engineering National Award for the Best M.Tech. Thesis in Engineering**

No Nomination received

**!!HEARTY CONGRATULATIONS TO ALL!!**

The distribution of awards will be intimated to all the above award winners at their email id. It is requested to kindly fill the google form (link is given below) for updating the records.

<https://forms.gle/PXgc3kdVLre4PJNA6>