



Result of ISTE Best M.Tech. Thesis Award

1. **ISTE-GSFC National Award for Best M.Tech. Thesis in Mechanical Engineering instituted by Gujarat State Fertilizers Co. Ltd., Baroda**

First Prize

Krunal Rajeshkumar Panchal
Dept. of Mechanical Engineering
Institute of Technology
Nirma University, Ahmedabad

For the thesis titled : **Effect of Steam and Catalyst with Lignite Feedstock on the Performance of Downdraft Gasifier**

Guided by: **Prof. Darshit Upadhyay**
Assistant Professor, Mech.Engg.Dept.
Institute of Technology, Nirma University
Ahmedabad (Gujarat)

Second Prize

Rohit Adaikala Raj F.
Dept. of Production Engineering
PSG College of Technology
Coimbatore – 641 004

For the thesis titled : **Development of Vibration Based Energy Harvester for Wireless sensors**

Guided by: **Dr. M. Senthil Kumar**
Associate Professor, Dept. of Production Engg.
PSG College of Technology, Coimbatore – 641 004

2. **ISTE-IPCL National Award for Best M.Tech. Thesis in Chemical Engineering instituted by the Indian Petrochemical Corporation Ltd., Baroda for promoting research work among post-graduate students in Chemical Engineering**

First Prize

Shivangi Goswami
Dept. of Chemical Engineering
Institute of Technology
Nirma University, Ahmedabad (Gujarat)

Guided by: **Dr. J.P. Ruparelia**
Dept. of Chemical Engineering
Institute of Technology
Nirma University, Ahmedabad (Gujarat)

For the thesis titled : **An Environment Friendly Approach : In-Vessel Composting and Anaerobic Digestion for Methane Gas Generation from Secondary Sludge of GESCSL, CETP-Vatva, Ahmedabad, Gujarat, India**

Second Prize

Uttam Kumar

Chemical Engineering Dept.
Rajiv Gandhi Institute of Petroleum Technology,
Jais, Amethi

For the thesis titled : **Liquid – Liquid Flow Through Home-Built Microreactors : Flow Pattern and Mass Transfer (Multiphase Flow and Microfluidics)**

Guided by: **Dr. Koushik Guha Biswas**
Dept. of Chemical Engineering
Academic Block 2, Room No.516
Rajiv Gandhi Institute of Petroleum Technology
Jais, Amethi – 229 304 (UP)

3. **ISTE-L&T National Award for Best M.Tech. Thesis in Electrical/Electronic Engineering instituted by Larsen & Toubro Ltd., Bombay to promote post-graduate research in the area of Electrical/Electronic Engineering.**

First Prize

Bhaskar Panna

Electrical Engineering Dept.
Indian Institute of Technology
Bihta, Patna – 801 103

For the thesis titled : **Fractional Fourier and Cosine Transform based Image Encryption Algorithms in Different Domains**

Guided by: **Dr. Rajib Kumar Jha**
Dept. of Electrical Engineering
Indian Institute of Technology
Bihta, Patna – 801 103

Second Prize

Ankur Pandey

Dept. of Electrical & Electronics
Indian Institute of Technology
Bihta, Patna – 801 103

For the thesis titled **A Multi-Stage Deep Residual Network for Biomedical Cyber-Physical Systems**

Guided by: **Dr. Preetam Kumar & Dr. Sudhir Kumar**
Dept. of Electrical Engineering
Indian Institute of Technology
Bihta, Patna – 801 103

4. **ISTE National Award for Best M.Tech. Thesis in Civil Engineering instituted by Smt. Saraswathi Bai and Dr. S. Venkoji Rao of Tirupati (Andhra Pradesh) in memory of their late sons Shri S.Sridhar and Shri S. Giridhar to promote research in the area of Civil Engineering at the Post-graduate level**

First Prize shared between

Ajay P. Gelot

Dept. of Civil Engineering
Institute of Technology,
Nirma University, Ahmedabad – 382 481

For the thesis titled : **Development of Interaction Curve for Composite Column**

Guided by: **Dr. Sharad Purohit**
Dept. of Civil Engineering
Institute of Technology
Nirma University, Ahmedabad (Gujarat)

and

Anilkumar P.M.
Dept. of Civil Engineering
Indian Institute of Technology Madras
Chennai – 600 036

For the thesis titled : **Morphing of Multistable Variable-Stiffness Laminates using MFC Actuators**

Guided by: **Prof. B.N. Rao**
Professor, Structural Engineering Division
Dept. of Civil Engineering, IIT Madras
Chennai – 600 036

Second Prize shared between

Chandgude Pooja Rohidas
Dept. of Civil Engineering
D.Y. Patil College of Engineering
Akurdi, Pune – 411 044

For the thesis titled : **Cumulative Impact Assessment of Industrial Area : MIDC in Hinjewadi, Pune**

Guided by: **Prof. Sachin Mane**
Dept. of Civil Engineering
D.Y. Patil College of Engineering
Akurdi, Pune – 411 044

And

Atit Kumar Jaiswal
Civil Engineering Dept.
S.V. National Institute of Technology,
Surat – 395 007

For the thesis titled : **Active Relationship of Urban Heat Islands with Physical Planning : A Case Study of Surat City**

Guided by: **Dr. Chetan R. Patel**
Assistant Professor, Section Head (Urban Planning), CED
Civil Engineering Dept.
S.V. National Institute of Technology, Surat (Gujarat)

5. **ISTE National Award for Best M.Tech. Thesis in Agricultural Engineering Engineering instituted by the Organisers of the 28th Annual Convention of ISTE held at Punjab Agricultural University, Ludhiana**

Awarded to:

Gurkaranbir Singh
Dept. of Soil and Water Engg.
College of Agricultural Engg. And Technology
Punjab Agricultural University, Ludhiana – 141 004

For the thesis titled : **lineation of Ground Water Potential Zones in District Ludhiana**

Guided by: **Dr. A.K. Jain**
Dept. of Soil & Water Engineering
College of Agricultural Engg. And Technology
Punjab Agricultural University, Ludhiana – 141 004

6. **ISTE – Kings College of Engineering National Award for Best M.E./M.Tech. Thesis in Engineering** to promote research in agricultural applications and/or rural development instituted by the management of **Kings College of Engineering, Punalkulam, Pudukkottai Dist., Tamil Nadu**

First Prize

Dakshayini Patil
Dept. of Computer Science & Engg.
BLDEA's V.P. Dr. P.G. Halakatti College of Engineering and Technology
Vijayapur – 586 103

For the thesis titled : **Fruit Disease Detection using Image Processing Techniques**

Guided by: **Dr. M.S. Shirdhonkar**
Assistant Professor, Dept. of CSE
BLDEA's V.P. Dr. P.G. Halakatti College of Engineering and Technology
Vijayapur – 586 103

Second Prize

Shradha Satish Honrao
Dept. of Civil Engineering
D.Y. Patil College of Engineering
Akurdi, Pune – 411 044

For the thesis titled : **Ground Water Suitability for Drinking and Agricultural usage in MIDC Area, Chakan Pune**

Guided by : **Prof. Aruna Sharma**
Dept. of Civil Engineering
D.Y. Patil College of Engineering
Akurdi, Pune – 411 044

!!Our Hearty Congratulations!!

Note:

The award will be distributed to the winners during the inaugural function of **21st ISTE Students National Convention** scheduled to be held on **29th & 30th January, 2019** at **L.D. College of Engineering, Ahmedabad (Gujarat)**. You are requested to kindly attend the Convention and receive the award in person during the function and also register for the Convention. The intimation letter of each individual will be sending separately through mail. Please feel free to contact at 011-26963431 or 09968296318.
