



RESULT OF ISTE STUDENTS AWARDS (B.Tech. Projects)

1. Kerala Government Engineering Design National Award

The following projects were recommended for presentation during ISTE Students Convention :

- i. Omkar R. Jangam / Abhijit S. Kale**
Chemical Engineering Dept.
TKIET, Warananagar, Dist. Kolhapur

Title of the project : **Manufacturing of Natural Pesticide from Waste Sheet**

- ii. V. Giridhar / N. Jahur Basha**
Mechanical Engineering Dept.
R.G.M, College of Engineering & Technology
Nandyal, Kurnool Dist.

Title of the Project : **Performance Analysis of Solar Still with Different Energy Absorbing Material**

- iii. Ramya S. / Rajeshwari M.**
Electronics & Instrumentation Engg.
Sri Sai Ram Engineering College
Chennai – 600 044

Title of the Project : **A Smart Touch based Instant Toxic Content Detection System**

- iv. N. Sankar / R. Purushothaman**
EEE Dept.
Mahendra Engineering College
Namakkal Dt. – 637 503

Title of the project : **Autonomous Drainage Cleaning System**

- v. Shrirang Dattatraya Maske
Rajaram Shamrao Dhaygonde**
Civil Engineering Dept.
T.K.I.E.T., Warananagar, Dist. Kolhapur

Title of the Project : **Manufacturing of Bricks by Partial Replacement of Clay with Waste Stone Dust**

- vi. Mohanraj S. /Priyadarshni G.**
Information Technology
KSR Institute for Engineering & Technology
Tiruchengode – 637 215

Title of the project : **Data Analytics in Agriculture Industry**

vii S. Aswath / D. Sanjaibal

Dept. of CSE
Mahendra Engineering College
Namakkal Dt. – 637 503

Title of the project : **Cardless ATM using Fingerprint Authentication**

viii Ms. Subhiksh . S /Ms. Aishwarya . S

B.E. 7th Semester, Computer Science & Engg.
Sri Sairam Engineering College
West Tambaram, Chennai – 600 064

Title of the project : **Healthcare Using Blockchain**

ix. Mr. Dinesh Manikandan / Mr. Sai Lokesh Reddy

B.E. 7th Semester, Computer Science & Engg.
R.M.K. Engineering College
Kavaraipettai, Tiruvallur Dist. -601 206

Title of the project : **CERT- Cash for Every Recyclable Project**

The above Students will be invited to make the presentation in person during the ISTE Students Annual Convention. The I, II and III Prizes will be decided on the basis of the performance/ presentation of the respective group of Student(s).

2. Maharashtra State Engineering Design National Award

The following Projects are recommended for presentation:

i. Vikram Jain / Tanuja Nehra

St. John College of Engineering & Management,
Dist. Palghar – 401 404

Title of the project : **IoT Based Video Surveillance Robot for Military Assistance**

ii. Pawar Sameer S./Kolge Ankit

Patil Kunal/Pawar Sameer
Dept. of Civil Engg.
Pimpri Chinchwad College of Engineering
Pune – 411 044

Title of the project : **Water Quality Analysis of River Water using Digital Image Processing**

iii. Powar Niranjana Narendra / Udande Aditya Vishal

Mechanical Engineering Dept.
T.K. Institute of Engineering & Technology
Warananagar – 416 113

Title of the project : **Design and Fabrication of 90 Degree Steering Mechanism**

**iv. Shivshankar Vipradas Ganapuram
Rutuja Jagannath Jadhav**

Computer Engg. Dept.
Saraswati College of Engineering
Kharghar, Navi Mumbai – 410 210

Title of the project : **Disease Characterisation from PPA Signals by using Artificial Signals**

**v. Puneet Pradeep Deshmukh
Narpinder Singh Pannu**

Electronics & Telecomm.Engg.
Saraswati College of Engineering
Kharghar, Navi Mumbai – 410 210

Title of the project : **Making Paver Blocks using Recycled Plastic Waste**

vi. Raut Rishikesh Rajiv / Sankhe Advait Santosh

St. John College of Engineering & Management,
Dist. Palghar – 401 404

Title of the project : **Food waste Management using Machine Learning**

The above Students will be invited to make the presentation in person during the ISTE Students Annual Convention. First & Second Prizes will be decided on the basis of the performance/ presentation of the respective group of Student(s).

3. NIT, Kozhikode National Award for the Best B.Tech. Project from Engineering Colleges

The following projects were recommended for the first prize as shown against each disciplines.

I. Civil Engineering

Raviraghull N.D.

Civil Engineering/Final year
Sona College of Technology
Salem – 636 005

Title of the Project : **An Algorithm for Detection, Evaluation and Repairing Solution for Cracks in Concrete Structures using Digital Image processing**

II. Mechanical and Production Engg.

Hemachandran R.

Senthilraja M.

Dept. of Automobile Engineering
Bannari Amman Institute of Technology

Sathyamangalam – 638 401

Title of the Project : **Development of CO Emission Measurement Device for Automobiles using Arduino**

III. Electrical Engineering and Electronics

Deepali Kushwaha

Electrical Engineering Dept.
Indian Institute of Technology
Bihta, Patna – 801 106

Title of the Project : **Smart Device Localization Based on Sinr Criterion of Bluetooth Signal**

IV. Computer and Communication

Vikram Arjun Shinde

Mathar Madhav Devasthali

Computer Science & Engg.
Sou. Sushila Danchand Ghodawat Charitable Trust's
Sanjay Ghodawat Group of Institutions
Atigre, Dist. Kolhapur

Title of the Project : **Intellectually Automated Wheelchair**

4. Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib National Award For Best B.Tech. Project from Engineering Colleges Related to Sustainable Development

The following projects are recommended for the first prize as shown against each disciplines.

I Civil Engineering

G. Ruthvik /K. Shiva Prasad

St. Martin's Engineering College
Secunderabad – 500 100

Title of the Project : **A study on Mechanical Properties of Bacterial Concrete using Fly Ash and Foundry Sand**

II Mechanical (shared)

Murthuja Vali S. /Naga Raju T.

Dept. of Mechanical Engg.
R.G.M. College of Engg. & Tech.
Nandyal – 518 501, Kurnool (Dt.)

Title of the Project : **Electrical Power Generation using Gasifier**

&

D. Rajith Karna

Dept. of Mechanical Engg.
Bannari Amman Institute of Technology
Sathyamangalam – 638 401

Title of the Project : **Product Design and Development of Goggles and Hand Stick for Blind People**

III Electrical & Electronics Engineering

Jayachitra M. /Kowsalya A.

Mahendra Engineering College for Women
Namakkal Dt. – 637 503

Title of the Project : **Smart Energy Meter with Power Theft Detection and Control System**

IV Computers and Information Technology

Ketan Ganwande /Dhanti Akkarwar

Prof. Ram Meghe Institute of Technology and Research
Badnera, Amravati

Title of the Project : **Recommendation System based on under Online behavior in E-Commerce Environment**

V Agricultural Engineering

Lovepreet

Agricultural Engineering
Punjab Technical University
Ludhiana

Title of the Project : **Sensor based Safety Device against overheating of Diesel Engine**

5. DEVENDER SINGH BANSAL MEMORIAL AWARD FOR Best B.Tech. Project State Award in Mechanical Engineering and Allied Branch (Punjab)

Gagandeep Singh

Ajay Singh

Mechanical Engineering Dept.
BBSB Engineering College
Fatehgarh Sahib – 140 407, Punjab

Title of the Project : **Portable Solar Power Thermoelectric Refrigerator Cum Heater**

6. Punjab Technical University Award for Young Engineer Innovators in the following disciplines:

The following projects were recommended for the first prize as shown against each disciplines.

I Civil Engineering & Architecture

No Nomination received

II Mechanical & Production, Industrial & Automobiles Engineering

Ramandeep Singh / Davinder Singh Birdi
Baba Banda Singh Bahadur Engg. College
Fatehgarh Sahib (Punjab)

Title of the Project : **Aqua Serving Robot**

III Electrical & Electronics Engineering

No Nomination received

IV Computers & Communication Engineering & Information Tech.

First Prize

Damanpreet Kaur / Baljot Kaur
Baba Banda Singh Bahadur Engg. College
Fatehgarh Sahib (Punjab)

Title of the Project : **IOT Based Home Security System**

Second Prize

Rishi Midha / Sakshi Poddar
Baba Banda Singh Bahadur Engg. College
Fatehgarh Sahib (Punjab)

Title of the Project : **Home Automation**

!! Our Hearty Congratulations !!

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Note: The distribution of awards will be intimated through email. Please feel free to mail your query, if any, to istedhg@isteonline.org or call at 9968296318.