



Result of ISTE Best B.Tech. Project Students Award 2023

- 1. NIT, Kozhikode National Award for the Best B.Tech. Project from Engineering Colleges to promote research in the areas given below:**

The following projects were recommended for the award as shown against each disciplines:

Mechanical Engineering

Shashang. G. / Shameer Mohamed S.

Mechanical Engg Dept.

Sri Venkateswara College of Engineering

Sriperumbudur – 602 117, TN

Project title : **Design and Fabrication of Ultrasonic Smart Cane**

Civil Engineering

Suthi G.

Civil Engg. Dept.

Sona College of Technology,

Salem

Project title : **Traffic Study & Simulation of Traffic Flow at Congested Junctions of Salem city using Hybrid Approach**

Computer Science & Engg. (jointly)

Ajitha K.M. / Dharshini V. / Haritha S.

CSE Dept.

R.M.D. Engineering College

Gummidipoondi, Thiruvallur Dist. T.N

Project title : **Automated Trash Boat to Harvest Biodegradable and non-biodegradable Floating Trash from Urban Drains**

And

Muthuaruna

CSE Dept.

Ramco Institute of Technology

Rajapalayam, Chennai

Project title : **Detection of Speed Breakers in Real Time for Indian Roads**

Electrical & Electronics

Felix Roy . J / Hingson . X / Jebin . J / Vignesh . S.R.

Elect. & Electronics Engg.

St. Xavier's Catholic College of Engg.

Chunkankadai, Nagercoil

Project title : **Design and Development of Surveillance for Mining Industry**

Electrical & Comm.Engg.

Sabriyah M. / Sneha P.

Electical & Comm.Engg.

Ramco Institute of Technology,

Rajapalayam

Project title : **Interoperative Biopsy Site Relocalization in Endoscope for Gastro Intestinal Tract using DLT**

2. Baba Banda Singh Bahadur Engineering College National Award for the Best B.Tech. Project related to Sustainable Development from Engineering College

The following projects were recommended for the award as shown against each disciplines:

Civil Engineering

Joel S.S. / Alen Boss M. / Abishek J. / Axfro A.P.

Civil Engg. Dept.,

St. Xavier's Catholic College of Engineering

Chunkankadai

Project Title : **Experimental Study on Mechanical Properties of Recycled Aggregate Concrete with Partial Replacement of Cement by Fly Ash**

Mechanical Engineering

Bharat A.C. / Sree Vihmesh N. / Venkateshwara Raja N.R.

Ramco Institute of Technology, Rajapalayam

Project title : **Design of Fabrication of Tree Climbing Equipment**

Computer Science & Engg. (Jointly)

Tejas Satish Kadu / Isha Pradeep Warhekar

Prof. Ram Meghe Institute of Technology & Research

Badnera, Amravati

Project title: **IoT based Student Gateway record system using near field communication (NFC Tags)**

And

Sophia Mary R. / Subhasree M.
R.M.K. College of Engineering & Technology
Gummidipoondi TK, Thiruvallur Dist.

Project title: **BlockedIn**

Electronics & Communication

D.P. Janani
ECE Dept.
IFET College of Engineering
Villupuram – 605 108

Project title : **Node MCU based Food Quality Monitoring System**

Electrical & Electronics (jointly)

Gowthamraj G. / Johitha B. / Kaviya S. / Muhamad Juhair P.
Kongu Engineering College
Perundurai, Erode

Project title : **Zone based Vehicle Speed Monitoring and Limiting in Electric Vehicle**

And

Hariharasudhan M. / Rishi Raghul E. / Seenu R.A.
Ramco Institute of Technology
Rajapalayam

Project title : **Design and Development of Vision based Ibot**

Information Technology

Giridharan P. / Muralidharan N.
IFET College of Engineering
Villupuram

Project title: **Speech Recognition System for Upper-Limb Impairment: A text Editor for Programming via Voice**

Agricultural Engineering

Hariharan P. / Hariharasudhan S.N.
Dr. NGP Institute of Technology
Coimbatore

Project title : **Advanced Irrigation Control System based on IoT**

- 3. Punjab Technical University Award for Young Engineer Innovators for the Best B.Tech. Project by the students of Engineering colleges affiliated to Punjab Technical University in the Punjab State instituted by Punjab Technical University.**

Mechanical Engineering

Aman Saini / Bajrangi Shah

PCTE Institute of Engineering & Technology
Ludhiana

Project title : **Design and Fabrication of Tubular Skylight**

Computer Science & Engineering

Anurag Singh Kumar

PCTE Institute of Engineering & Technology
Ludhiana

Project title : **GAN for Color Vision Deficiency**

Civil Engineering

Raja Mubashir Hussain / Adil Bashir Wani

PCTE Institute of Engineering & Technology
Ludhiana

Project title : **Upgradation of Lal Chowk in Smart City Srinagar**

Agricultural Engineering

Mahir Mumar / Dharampal / Sarvika Awasthi / Riti Jindal

Bhai Gurdas Institute of Engineering & Technology
Sangrur

Project title : **Development of High Quality Banana Crisps using Low Fat Frying and Baking Method Infused with Nutritional Seasonings**

- 4. Devinder Singh Bansal Memorial Award for Best B.Tech. Project in Mechanical Engineering and Allied Branches in the State of Punjab instituted by Mrs. Anup Kaur Bansal and Dr. A.S. Bansal**

Amod Kumar / Sandeep Kumar

Dept. of Mechanical Engineering
PCTE Institute of Engineering & Technology
Ludhiana

Project title : **Design & Fabrication of E-Bike**
