

AUTOMATION

1st Prize

I Lab

Mohit Chawla

Tarun

Shashank Sahu

Nilavha Bhattacharya

Essan swain

Raghvendra

Ishan Mohan

2nd Prize

Ingenious Automated
Traffic Control &
Database
management system

- Prashanth
Balasubramanian
- B.Prashanth
- P.Rishikesan
- K.R.Kartic Bhargav
- Arjun R Kailash

3rd Prize

Automated Dockyard
management system

Shashank Kulkarni

Urmish Thakker

Hemant Saxena

Soham Desai

Utsuk Sharma

Yash Agarwal

Shardool Rastogi

COMMUNICATION & NETWORK SYSTEMS

1st Prize

Fault tolerant cost effective vehicle tracking module using GSM and GPS technology

- Shashank Reddy Punuru
- Ravi Jain
- 2. Mayank Goyal
- 3. Abhinay Didwaniya
- 4. Shashank Reddy Punuru
- 5. Nishank Shinde
- 6. Ashish Sharma
- 7. Tella Venkateswara Rao
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2nd Prize

Pragna

- Shashank Reddy Punuru
- Bhargav Balakrishna
- Pavan Kumar Bellana
- Ravi Jain
- Sanjeev Malladi
- Sankeerth Reddy Mogili
- Shashank Reddy Punuru
- Srinivas Maddula
- Tejaswi Poluri
- V.Vikas
- Vijitha Vellanki

3rd Prize

Device controlling system

Arpit Agrawal
Shashank Sahu
Vishwa Parekh
Siddharth Mittal
Yashas

DESIGN APPLIANCES

1st Prize

- i-home
- Ruchir Hajela
- Debopriyo Ghosh Chauthaiwale
- Nitin Jose
- Abhilash Rajakoti

2nd Prize

- Virtual Air Guitar
- Shashank Sahu
 - Arpit Agrawal
 - Siddharth Mittal
 - Yashas
 - Vishwa Parekh

3rd Prize

- Automated Movable Camera Mount
- Abhinav Agrawal
Rithesh Iyer
Praful Jain
Naushad Ismail
Dhamani

ECONOMIC MODELLING AND FINANCE

1st Prize

New allocation system for carbon credit trading

- Utsav kumar
- Prakash yadav
- Shreyank jamar

2nd Prize

Exchange rate forecasting using artificial neural network

- Akshay mishra
- Rahul raushan
- Rachit bhatia
- Nidumolu ravi teja
- Aditi prasad
- Shashank jain

3rd Prize

Stimulus

- Brijesh Bharadwaj
- Sujoy Chaudhary
- Rohan Manchanda
- Anindita Nayak
- Aaksha Meghawatt
- Himanshu Jain
- Trisha Anand

ENERGY & ENVIRONMENT

1st Prize

Hybrid solar
wind
electricity
generator

Arun Kumar R

2nd Prize

Electricity
production
using "buoyo-
gravity" cycle

Abhishek Sharma
Ankush
Khandelwal
Bhaskar Mittal

3rd Prize

Calculation of
Carbon Credit &
its uses

Saurabh
khandelwal
Utkarsh Goklani
Harsh Bhagia
Pratik Chandak

HEALTH & NUTRITION

1st Prize

Antimicrobial
activity of citrus
seed extracts

Ajay

Sachin sethi

N anirudh

Prateek Joshi

2nd Prize

Low cost portable
incubator for
premature
infants

Shailendra Pratap
Singh

Shahid Malik

Netesh Bhatt

Ali Akbar Kapadia

Ashutosh Pandey

3rd Prize

Portable instant
water purifier
with a good flow
rate

Vikas Patil

Ashutosh Pandey

Vatsal Agarwal

Nitish Kumar

Singh

INDUSTRIAL PROCESSES & APPLICATIONS

1st Prize

Design

modification of
heat resistant
casting trays

Nikhil Khandelwal

Tushar Bhargava

Bhupendra

Dinkar Nandwana

2nd Prize

Design of steel
preheater

- Nikhil Banthiya
- Asani Likhith Reddy
- Anuj Dubey

3rd Prize

Pressure Swing
Adsorption (PSA)
for upgrading
Biogas

Rishabh Kalia

Debabrata Ghosh

Mayank Anand

Jha

INFRASTRUCTURE

1st Prize

Automation of
parking
system

Ritesh Iyer

CKS Tarun

Mohit Bansal

Arpit

Rachit Garg

2nd Prize

Power generation
from road
speed breaker

Aswathaman.V

Arun kumar.R

Prasanna.S

Prakash.S

3rd Prize

Automatic lane
changer

Nitin Khandelwal

Himanshu Lohiya

Abhishek Singh

Saurabh Singhal

MATERIAL SCIENCES

1st Prize

Near surface
mounted FRP
reinforced
concrete
structures

Himakiran

Nagarjuna

Kanamarlapudi

2nd Prize

Green plastics

Neha Bharti

Ravi Shankar

Abhishek Anand

Arpit Shah

Abhishek Shukla

Rahul Agarwal

Krishnaroop

Chaudhary

3rd Prize

Enhancement of
road material

Aniket Upadhyay

Paras joshi

Kunal Sapra

Nishant Bhandari

Kusam Abhilash

PURE SCIENCES

1st Prize

Non Cognitive
Emotion
Analysis

Vishwa Parekh
Saketh S

2nd Prize

Van de Graff
Generator

Gaurav Ahuja
R.Gokul
Subramanian
Siddhartha Tiwari
Kunal Lad
Preeti Redu
Dev Nidhi Sharma

3rd Prize

Drain Bamage

Samagra
Sachin bharadwaj
Akshay parnami
Karuna
Raghavendra
pradyumna

SOFTWARE DESIGN (APPLICATION DEVELOPMENT)

1st Prize

BITSian desktop

ManuKranth
VishwaKarma
Chary

Ravi Kiran
Chirravuri

Kumar Keshav

Ram Maheshwar
Reddy

Neeraj Menta

2nd Prize

Remote review and
approval tool

Rohit Agarwal
Srijan Choudhary
Siddhant Goenka
Tarun Pal Khera
Vineet Markan

3rd Prize

Satellite data
visualisation tool

Shrainik
Rohit mittal
Vivek jain
Shubam dubey

SOFTWARE DESIGN (ADAPTIVE TECHNOLOGY)

1st Prize

D3(Driver
Drowsiness
Detection)

Vishwa Parekh

Arpit Agarwal

Shashank Sahu

2nd Prize

Control interface
for
Gesticulated
input (CIGI)

Rahul Tewari

Abhishek Chugh

3rd Prize

6 Dot Braille
Script based
Adapted
Computer
Keyboard for
Visually impaired

Hariharan.K

Balaji.R

SIGNAL PROCESSING

1st Prize

Vision based Dynamic
Hand gesture
Recognition for
Human Machine
Interaction

Pritish Mohapatra
Rahul Jain
Ravi Jain
Ishaan Biswas
Shailesh Conjeti
Sankha Subhra Saha

2nd Prize

A platform for
integrated
multimodel
biometrics involving
the human ear

Prashanta
Bhattacharya
Mangipudi Anirudh
Satyaharish A.
Vishakha Modi
Sushma Joshi
Nikhil A
Bhargav

3rd Prize

LCRQ meter

Saurabh Surana
Mohit Chawla
Vinay Dwivedi
Subrojyoti Sarkar
Prashant Sarge
Naren

SIMULATION & MATHEMATICAL MODELS

1st Prize

Efficient VLSI chip design using graph theory

Amit Gupta
Ankit Mehta

2nd Prize

Global positioning of a person (or object) present in an image

Wdaru
Shreeharsha Reddy
Sameera Gupta
Deepti Banka
Prateek
Anupam

3rd Prize

Satellite data visualisation tool

Shrainik
Rohit mittal
Vivek jain
Shubam dubey

TRANSPORTATION

1st Prize

- All Terrain Vehicle(MARAT)
- Gaurav Baheti
- Aniruddh Kadwekar
- Anirudh Singh
- Rishi Bigghe
- Rohit Garg
- Shubham Dixit
- Karthik Bagga
- Karthik Gandhi
- Sumavo Sarkar
- Sailesh Conjetti
- Mayur Shrikhande
- Pranav Pimpley
- Arpit Agarwal
- Subhash Kapoor

2nd Prize

- Head movement based control of wheel chair for paralysed patients
- Shailendra Pratap Singh
- Netesh Bhatt
- Piyush Ranjan
- Ali Akbar Kapadia
- Ashutosh Pande
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3rd Prize

Human Powered Vehicle

Shrey Datta
Sukhrit Bharti
Shashank Singh
Abhinav Mahajan
Manasvi Bali
Amandeep Dhanoa
Neha Singh
Piyush Ranjan
Netesh Bhatt
Hardick Tiwari
Vikas Patil