AMITY UNIVERSITY

STUDENT
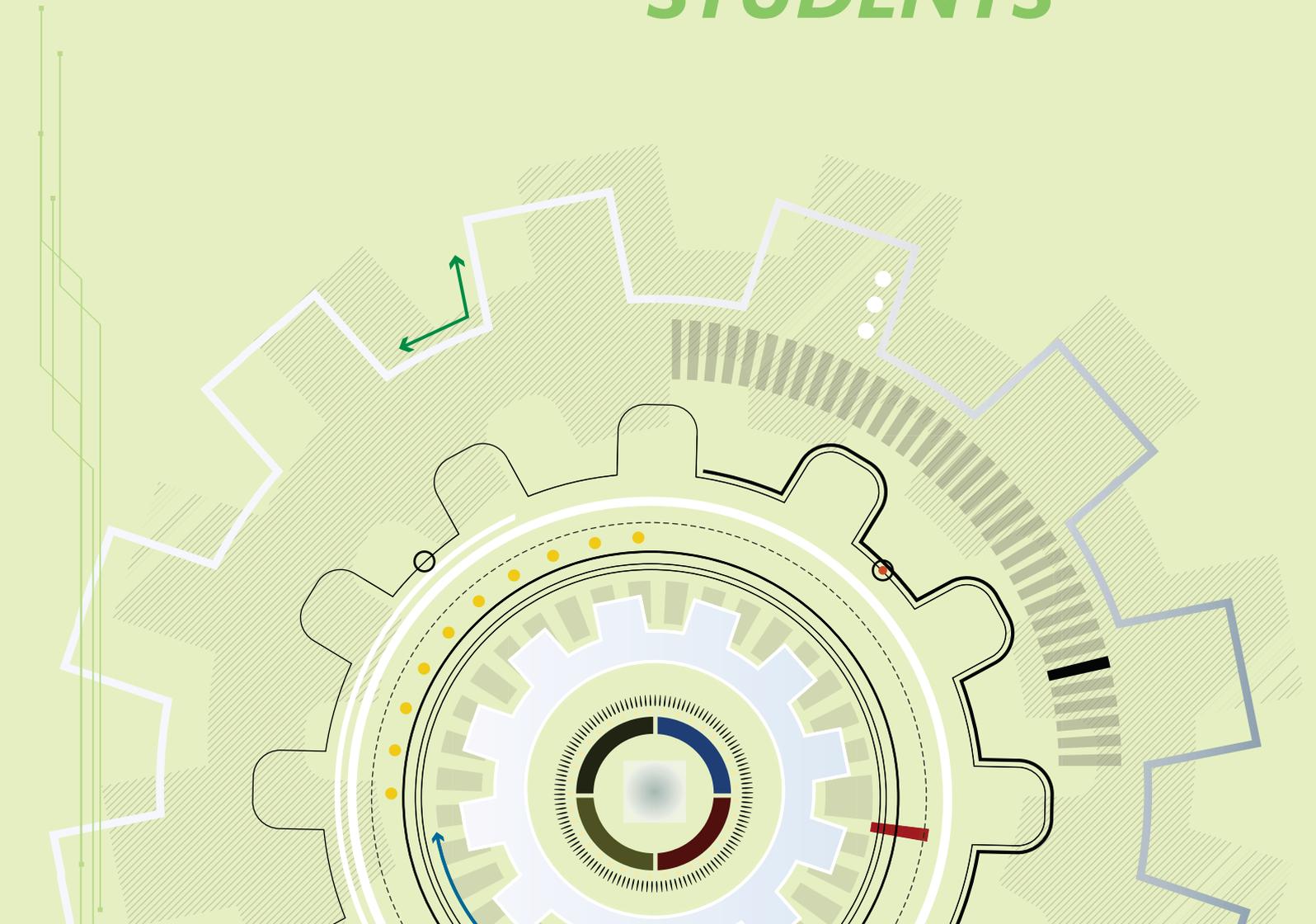# INNOVATIONS@

AMITY SCHOOL OF
ENGINEERING & TECHNOLOGY

INNOVATIONS

BY
STUDENTS

STUDENT INNOVATIONS @ ASET

Formula 1 – Car Design
A team of Mechanical Engineering students lead by Vikrant Sharma designed a Formula-1 car named Amity Motorsport and participated in Formula Bharat 2016 engineering design competition which took place at Buddha International Circuit, Greater Noida.

Efficycle – Human Powered Eclectic Vehicle
Ten students of ASET designed and developed an energy efficient hybrid - human powered - three wheeled - electric vehicle - Efficycle. The ergonomically designed vehicle was aerodynamic, highly engineered and safe.

Project Design and Fabrication of Innovative Room Air Conditioner
An innovative work by Nikit Gupta of B.Tech Mechanical Engineering. It is a device for designing and fabricating innovative room air conditioner based on passive cooling.

Online Inspection System
A system developed by Nikitha Wadhawan, Vidur Gupta and Yajur Thapar of B. Tech. Mechanical Engineering. The system uses a conveyor mechanism for continuous flow of the line products without hampering the production.

Optimization of Disc Brakes for Formula Bharat 2017
An excellent project by Virender Maurya, Mohammad Ahsan Rashid, Sharad Chandra and Ashutosh Bagwadi of B.Tech Mechanical Engineering. A brake assembly for Formula Student India (FSI) for gathering the information about the force distribution in Assembly of Master Cylinder, Disc Brakes and Pedal Assembly.

To Design and Fabricate E-Tricycle for Physically Handicapped
Work for a cause - A project by Aklavya, Shanky, Ishaan and Gaurav Singh of B.Tech Mechanical Engineering. A transportation vehicle designed for physically disabled persons especially with crippled legs for easy mobility.

Design and Development of an Office Document Scanner
An excellent project by Gandhrava Satiof B.Tech Mechanical Engineering. A prototype designed and fabricated for digitization and automation of documents which may help the Indian IT industry in maintaining its growth momentum in the years to come.

Design and Fabrication of a Monowheel Vehicle
An innovative idea - A project by Anmol Arora, Deeksha Sharma, Jaskaran Singh Khinda and Shahzed Anwar of B.Tech Mechanical Engineering. They designed a mono wheel vehicle that allows the input shaft to maintain constant velocity.

Study of Mechanical properties after Nano-Plating
A great presentation by Bhupander Singh Danta, Indresh Chaudhary, Deepak Chaudhary and Ashish Kumar Chaudhary of B.Tech Mechanical Engineering. A device which lays emphasis on the effect of various types and techniques of metal coatings on the endurance limit of a specimen.

Design of early warning of EGR valve and auto cleaning of EGR valve
A revolutionary project by Rohit Kumar Singh, Akash Sanghi, Aman Kumar and Abhay Chauhan of B.Tech - Mechanical Engineering. It is a device to investigate the effect of EGR on performance and emissions in three cylinders which is typically used in agricultural farm machinery

Performance evaluation of CI engine using different biofuels and their blends with diesel
An amazing outcome - A project by Shanu Sharma, M. Bhargav Chandra, Pappu Rohan, Rishabh Mittal, Jaskaran Singh Dhodi and Vaibhav Kabra of B.Tech - Mechanical Engineering. A biodiesel testrig was designed and fabricated for testing the efficiency and effectiveness fuels such as JATROPHA, PONGAMIA and ETHANOL blended with diesel.

Smoke Detector Based on Image Processing & Raspberry pi
Rishabh Madan of B.Tech – ECE developed a smoke detection sensor suitable for uniform environments based on image processing technique. The smoke alert thus generated could be sent to a mobile phone.

STUDENT INNOVATIONS @ ASET

Fabrication of Go kart
Brilliant work by Vineet, Samyak Jain and Aman Sharma of B.Tech - Mechanical Engineering. A steering system is designed to make it efficient enough to change the direction of the vehicle.

Gearless Transmission
An outstanding project by Nitin Joshi, Bharat Taneja, Sajal Pandey and Agnivesh Kr. Singh of B.Tech Mechanical Engineering. A device designed for transferring of motion from one shaft to another shaft which may be coplanar and non-parallel or which are kept 90 degree apart using gearless transmission system.

Semi-Pneumatic Flush System
A useful creation by Deepak Kalra, Akash Soni, Gopesh Kaushik and Rahul Kora of B.Tech Mechanical Engineering. A prototype of semi pneumatic flush system that helps save cost due to the minimized amount of flush water.

Tricycle for Disabled
A shaft-based tricycle by Dhruv Dhir, Prerit Budhiraja, Abhishek Sadder and Abhinav Mahajan of B.Tech Mechanical Engineering.
A project for specially abled humans.

Automatic Air Inflation System in Tyre with Pressure
A futuristic work demostrated by Mohit Sagar, Ujjwal Srivastva and Krishna of B.Tech Mechanical Engineering. A system designed and fabricated to inflate tyre while running of the vehicle.

Fabrication of Multifunctional Machine
A novel project by Rupesh Kumar, Rahul Kumar, Mamoon Azam and Abhishek Raghav of B.Tech Mechanical Engineering. A machine that performs operations like grinding, cutting and drilling.

Design and Fabrication of Go-Kart
A creative work - by OjusTyagi, Vidit Gaur and Mizaan Jafri of B.Tech Mechanical Engineering. A system designed and fabricated according to the standards set by Indian Society of New Era Engineers Go kart Design Challenge.

Design and fabrication of pneumatic car bumper
A state-of-the-art project by Fazil Hafeez, Jomin Johnson, Anant Chaturvedi and Gokul Mohan of B.Tech Mechanical Engineering. A design of pneumatic piston car bumper based on the pneumatic control of the movable bumper. The bumper attenuates collision energy thereby decreasing the collision damage to the car and passengers.

TechEye for Visually impaired using Internet of Things
An extraordinary work by Rashbir Singh of B.Tech. Information Technology. This project proposes the economically cheap implementation of Internet of things (IOT) for the visually impaired people using Arduino, SDK programming tools and sensors.

Computer Aided Diagnosis of red Lesions from Digital Fundus Images.
An interesting work by Aman Pandey and Ritu Chandra of B.Tech ECE, is an automatic image processing algorithm for the detection of red lesions from retinal Images that will help in identification of retinal diseases. Such computer aided diagnostic tools may find good application in primary health care centers.
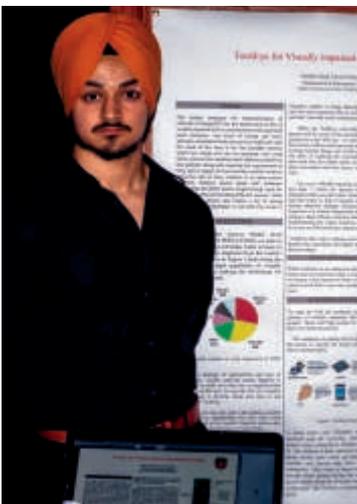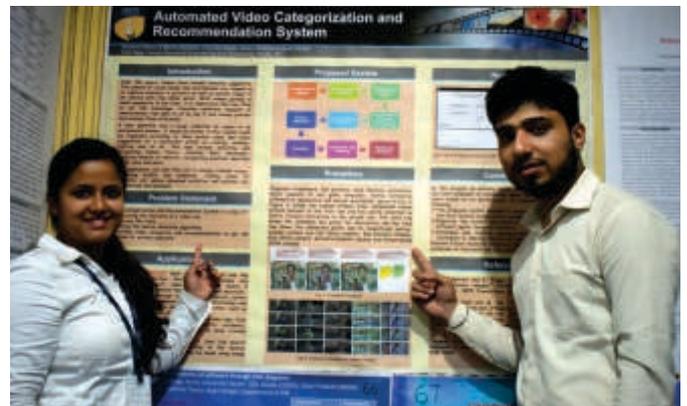

Device for detecting Cardiac Disorder from Body Auscultation
Mohan Misra, B.Tech ECE student developed a non-invasive method for automated detection and diagnosis of cardiac diseases from body auscultations using a low cost DSP processor. The handheld device will help screen a large population in rural areas where there is a shortage of medical experts.

**Automated Video categorization and Recommendation System**
A highly innovative system developed by Shekhar Verma & Medha Mahrishi of B.Tech Computer Science & Engineering. This project recognizes human actions in the videos based on their activities like walking, jogging, boxing etc.

STUDENT INNOVATIONS @ ASET

Chuck the Junk - A new way to dispose your E-waste
Thinking about the environment Devansh Chopra, Soorya M, Anubhi Kulshrestha, Ashish Sinha of B.Tech Computer Science & Engineering developed a new way to dispose the e-waste. They aim to clean the e-waste by providing an interface to the people. They collect the waste from customer's house and pay them for the same.
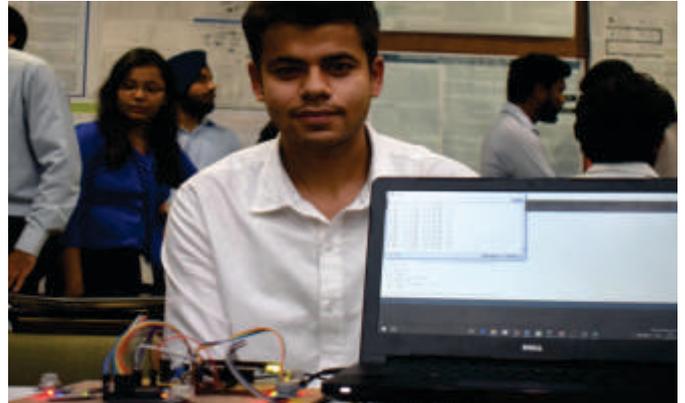
Analyzing Air pollution trends through IoT
Air pollution is a big problem today. Raghav Mahendru from B.Tech Computer Science & Engineering developed an IoT based wireless sensor framework which monitors the quality of air at a particular location.
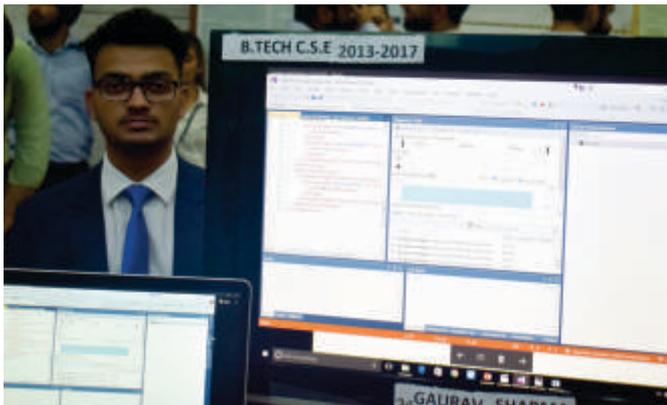

Visual data interpretation through cognitive analysis
Every minute, a lot of data is produced. However, Gaurav Sharma of Computer Science & Engineering figured out that there was a challenge to interpret visual data.
This project aims at analyzing visual data in order to identify faces, emotions and objects.

IASFF- (An Intelligent Agricultural System for Farmers)
An extremely helpful project for farmers developed by Snehdeep Anand & Mayank Jain of B.Tech Computer Science & Engineering. The project helps the farmers to optimize their cultivation & irrigation practices. This will help in increasing the crop production and will decrease crop destruction due to natural phenomenon like extreme cold.
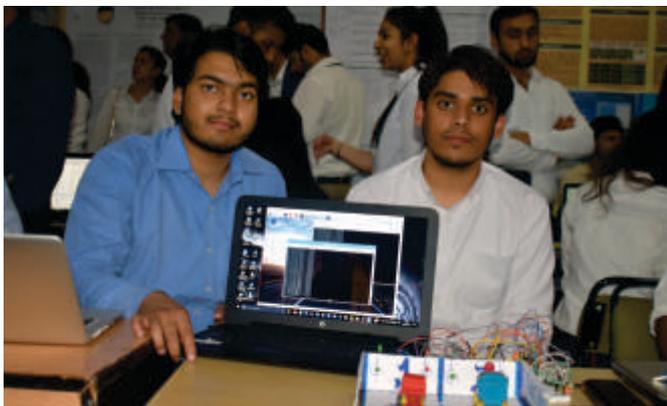
Internet of Things based Computerized Smart Parking System
Parking is an issue faced by almost everyone. Rahi Jain & Rahul Ravi Gupta of B.Tech Computer Science & Technology developed an innovative project for parking providers in which, whenever a car enters the parking space, the LED turns Red from Green. Green signifies vacant parking space and red signifies occupied parking space.

Economical Home Monitoring System using IoT
A project developed by Kunwardeep Singh Oberoi & Ankit Chaurasia of B.Tech Computer Science & Engineering. A Home Monitoring System monitors doors and windows of your home and notify you of any new access of your property via a data feed.
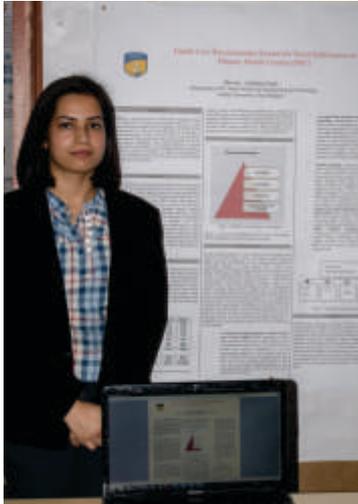
Health Care Recommender System for Rural India based on Primary Health Centers
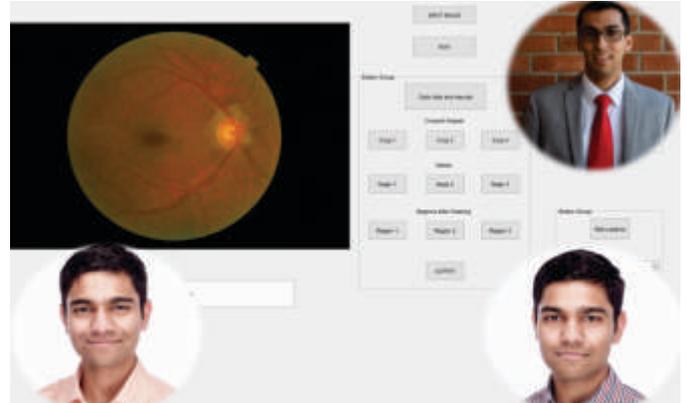A useful system proposed by Shweta Yadav of M.Tech. Information Technology. This system can provide health care knowledge based on primary health care centres (PHC) on mobiles to rural India .


Automatic Diagnosis of Diabetic Retinopathy
Shaunak, Shaumik and Kshitijof B.Tech ECE worked in this project of automated computer vision based method which is a diagnostic tool to detect and grade the severity of diabetic retinopathy. The method tries to imitate the logic and medical judgement of ophthalmologists in detecting the abnormality and its location in the image for grading the severity of the disease.
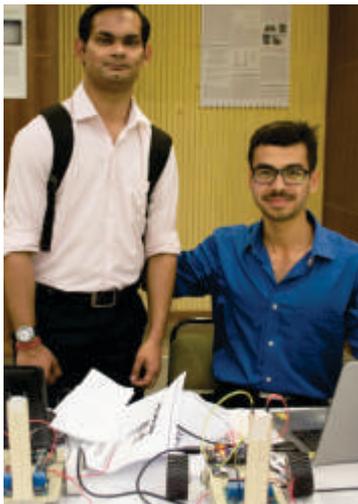
Miracle of Gulls: Towards A Scalable Swarming
Arjun Kumar Singh, Devendra Yadav and Ashish of B.Tech - Electrical and Electronics Engineering developed a project that demonstrates the implementation of natural laws of swarming using basic networking technology.
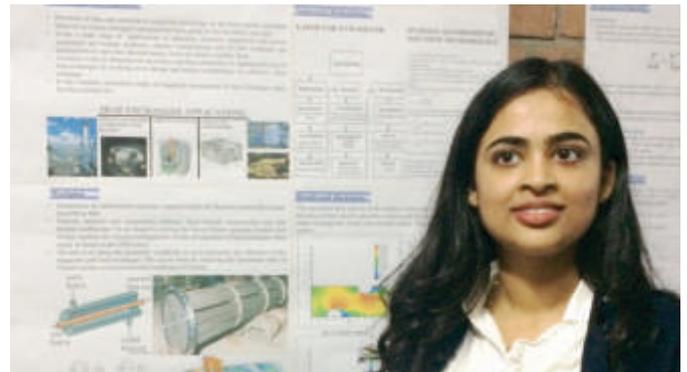
Numerical Simulation of Staggered Grid Heat Exchanger
An impressive work by Richu Goyal of B.Tech Mechanical Engineering. The device performs Numerical simulation of staggered grid heat exchanger for optimizing the energy.
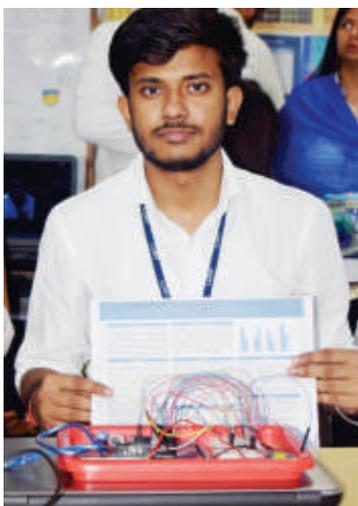
An Internet Of Thing device on smart home lighting system using Arduino UNO and android application.
A highly impressive project developed by Prantik Sarkar. All the electrical LED lighting devices can be controlled and manipulated using smart phones. The device is highly economical and will be very easy to use.

Formula Kart Design Challenge: Go-Kart-2017
Team Leader Nikit Gupta of B.Tech Mechanical along with his team engineered a Go-Kart type vehicle with a Scooter 125 cc and participated in Formula kart design challenge held in Bangalore.

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BAJA-2016
Team Leader Aditya Pratap Singh of B.Tech Mechanical and his team fabricated All-Terrain Vehicle and participated in this event held at Pithampur Indore. One of the team members has been placed in Mahindra and Mahindra through this event participation and performance.

Water Harvesting via Dewing
An innovative project by Shubham Pandey, Deepak Ojha, Rajesh Roushan and Mukesh Bagadwal of B.Tech Mechanical Engineering. It is a device for water harvesting via dewing. A simple, low cost and eco-friendly method of obtaining portable water from moist air.

Segregation of Organic and Inorganic Matter in MSW with Air Density Separator
Umanath P Shenoy and Amanuddin Hamidi of B.Tech – Civil Engineering designed an Air Density separator that uses an air current to separate a material from another of greater density or particles from other greater size or shape

Mathematical Modelling of Dropwise Condensation on Wettability graded surface
A mathematical model by Ms. Vishakha Baghel. The model is a dropwise condensation on wettability graded surface. This is developed to know parametric effects on drop mode of condensation rate.

ANIDERS: Animal Intrusion Detection and Repellent System
Abhay Sharma, a B.Tech Mechanical Engineering student developed an ingenious device, ANIDERS "Animal Intrusion Detection and Repellent System" which will ameliorate the lives of farmers by protecting their crops from wild animals without causing any harm to them.

Real time detection and tracking of objects
Bhanu Prasad, student of B.Tech. ECE designed a low cost, single-board computer, Raspberry Pi used for object detection and tracking.
The project has an application in war planes to detect the moving target and control the plane automatically to follow the target.

Urine Accelerated Composting
Mudit Jain of B.Tech. – CE (ASE) worked on the use of urine to accelerate the composting of the bio-degradable material present in our surroundings.

Multi-utility Moderate Load Handling Robotic Vehicle
Sudhanshu Kumar, Ali Asjad Khan, Deepjyoti Adhikary, Rishabh Anand and Piyush Saini of B.Tech. EEE and B.Tech. E&I designed a Load carrying robot for lifting heavy loads. This robot is capable of carrying loads three time its own weight.

Design and Development of Myoelectric Prosthetic Arm
Asa Singh, Pratik Mishra and Arjun Arora of B. Tech. Mechanical Engineering designed a Myoelectric Prosthetic Arm for the purpose of mimicking the appearance and functions of a missing arm of a human being.

Waste Management
Sumit Anand of B.Tech. ME has developed a system capable of converting polymeric waste like, Low and High density Polyethylene (LDPE & HDPE) and Polystyrene (PS) into fuel. It is a low cost system that converts polymer to fuel in the presence of a suitable catalyst.

**An IOT based Smart Liquid food dispenser System for animals with online monitoring system**
Himanshu Nagdev and Dheeraj Singh of B.Tech. Electronics & Communication Engineering developed an IOT liquid food dispenser system for pets and other animals. The prime focus of the device is on monitoring the level of liquid food. The system designed is eco friendly as it disposes the waste water which can be used in watering a plant.

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Innovative device for fabrication of all series Thermocouple
Rohan Bhutani, Pranav, Rohit and Ayesh Malhotra of B.Tech. Mechanical Engineering fabricated a device for making thermocouple. This device can make low cost thermocouple with better accuracy.
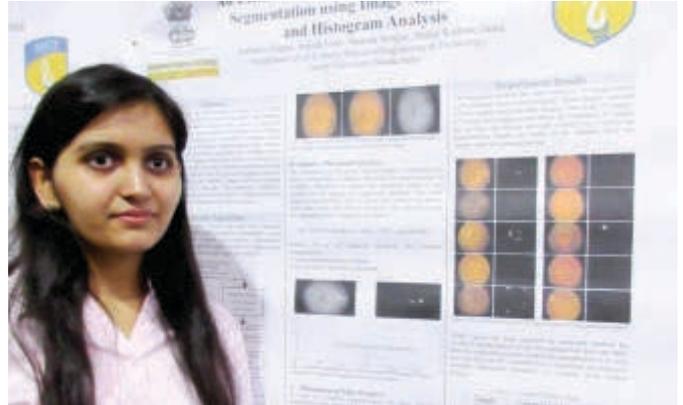
An Efficient Automated Method for Exudates Segmentation using Image Normalization and Histogram Analysis
Asmita Gupta of B.Tech. ECE proposed an automated computer vision technique for efficient exudates segmentation from fundus images by strategically combining first order statistical parameters and local thresholding method with an average computation time of 9 seconds.

Wireless control of powered wheelchair using tongue
Vishal Sharma and Himanshu Singh of B.Tech. ECE designed a wireless powered wheel chair using tongue that will help the people with serve disability with effective access and environment control. It translates users intention into control command by detecting and classifying the users voluntary tongue.
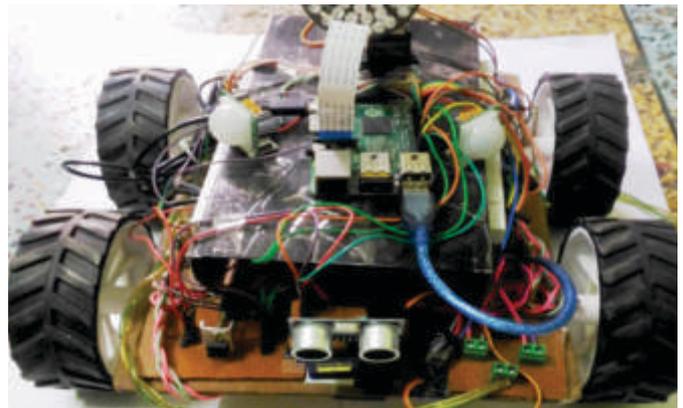
Wadoro: An Autonomous Mobile Robot for Surveillance Wadoro (Watchdog Robot)
Shubham Mittal, B.Tech ECE student designed an autonomous mobile robot for household surveillance in open-spaces like roof and verandah. It is capable to detect humans in near real-time round-the-clock using passive infrared motion sensors and camera. Its work-cycle includes phases of human detection, tracking, recognition and alert-generation with simultaneous phase of self-protection and hence proves as an effective solution to safeguard house by giving alerts on time whenever an intrusion is detected.

Efficient Photovoltaic System
B.Tech ECE students Mr. Saarthak Singh, Akhil Sharma and Sheetal Kumar has designed an innovative project based on photovoltaic module tracking and web based data acquisition system for real-time monitoring of electrical parameter of photovoltaic module and the direct solar insolation.
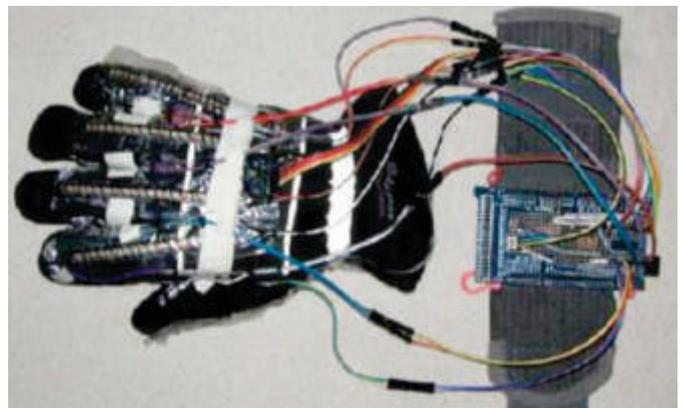
Wearable Device for disabled
B.Tech ECE students Mr. Vishal Pathak and Mr. Sushant Mongia had worked in an innovative project and designed a system for deaf and dumb.
This is a framework for hand gesture recognition based on fusion of Flex, Contact and accelerometer sensor.

Automatic Pet Feeder
DeepanshuTyagi and Ravi Sahani of B. Tech. Electronics & Communication Engineering designed an automatic pet feeder. This device keeps the owner informed about the quantity of food being served per day. It also keeps the food fresh for upto 12 hours as the food is stored in air-tight container.

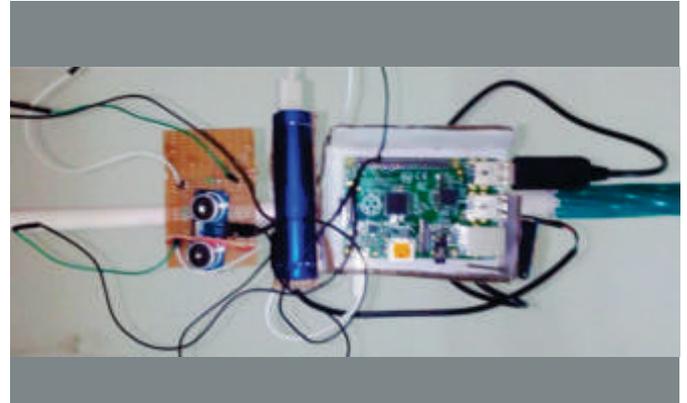**Stick for the Blind**
B.Tech ECE student Mr. Sudeep Gupta and Ms. Ilika Sharma have designed an advanced cane for visually impaired persons which will help the disabled people.

Ultrasonic radar with camera Facility
Abhishek Singh and Arjun Chopra of B.Tech. ECE made a device which is useful in detection of any unwanted object. Ultrasonic Radar with camera is used to click images at the time of object detection and those images can be transferred to the desired e-mail address via laptop or computer at a regular time interval.

Biomedical signal analysis
Vandana Bhardwaj & Tanya Goel of B.Tech ECE recorded surface electromyogram (sEMG) signal in the research laboratory in ECE, ASET and analyzed the signal, to detect regions of hand activity. The performance of a novel parameter, mean instantaneous frequency is compared with conventional parameters for detection time intervals when hand activities, such as wrist flexion and wrist extension, are performed as compared to when hand is in rest position.
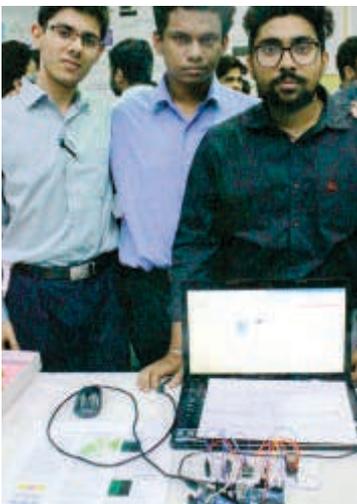
A Navigation Device With Voice For Visually Impaired People
Rajat Kumar Oberoi, Nehal SK and Ajay Anand of B. Tech. ECE developed location aware walking stick for the visually disabled. It provides the user with navigation assistance, making use of voice to input the destination, using automatic GPS readings.

Cyber Tree Intelligent Pot
Prashant Kumar, Aditya & Shubham Aggarwal of B.Tech – ECE designed a Cyber Tree Intelligent Pot. It is a controllable intelligent plant pot which expresses its behavior based on sensors implanted in it like humidity, light, and temperature sensor to detect the condition of plants by using smiley face. The same is displayed and transmitted to mobile phone using GSM module and watering can be controlled from mobile.

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Fabrication of Pneumatic Based Platform to Reconfigure the Machine Layout
Mohammad Nayad, Ayush Sarraf and Muheet Tariq of B.Tech. – MAE (ASE) proposed a platform to fabricate material handling as well as to facilitate permanent machine mounting on it.

Flight Time Optimization of Quadcopter Using Solar Power Energy Source
A project developed by Nabarun Paul, Sushant Sardana and Kritarth Malhotra of B.Tech Electrical and Electronics Engineering. In this work the flight time has been optimized by integrating solar panels and reducing the weight of the quadcopter.
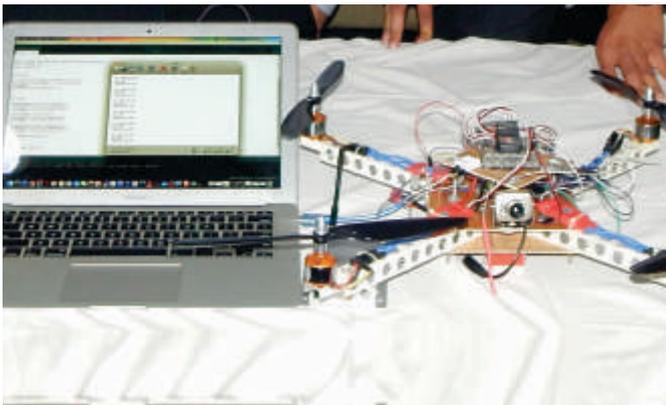
Surveillance drone for power plant and substation
Gaurab Das, Hamid Nisar, Rishabh Kalyan and Prafful Bisht of B.Tech Electrical and Electronics Engineering made efforts to reduce manpower and cost in safety and protection of power plant and substation. The prototype has a quadcopter which has multiple sensors on board with an efficient camera module that transmits live video feeds and other data.
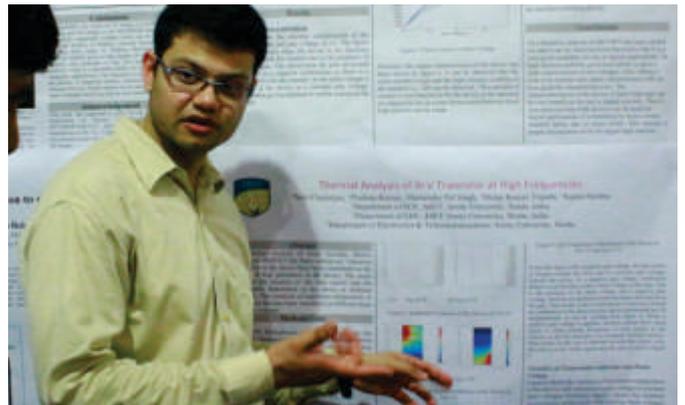
Thermal Analysis of III-V Transistor
Neel Chatterjee of B.Tech Electronics and Communication Engineering carried out a thermal analysis of GaAsSchottky Barrier Nanowire MOSFET of a device at different voltages.

Automatic patient monitoring system
Parth Sharma, Jagriti Raizada and Faraz Ahmed Siddiqui of B.Tech Electronics and Communication Engineering developed an android application to analyze the patient's health for proper diagnoses. The data will be transmitted through a Bluetooth module, to the application and on observing any abnormality the alarm will start buzzing.

Computer aided automatic diagnosis of Retinal Diseases
Ashi Agarwal of B.Tech Electronics and Communication Engineering developed a Computer aided Diabetic Retinopathy (DR) detection system involving the classification of bright and red lesions from the fundus images of the eye.

Dual Axis Solar Tracker
Vasu Garg of B.Tech Electrical and Electronics Engineering developed a dual axis solar energy tracker which can track the sun throughout the day to obtain the maximum efficiency.

IR and clap operated fan speed remote control
Divya Gupta of B.Tech Electronics and Communication Engineering developed a device for remotely controlling multiple fan appliances using infrared (IR) remote and/or sound signals.
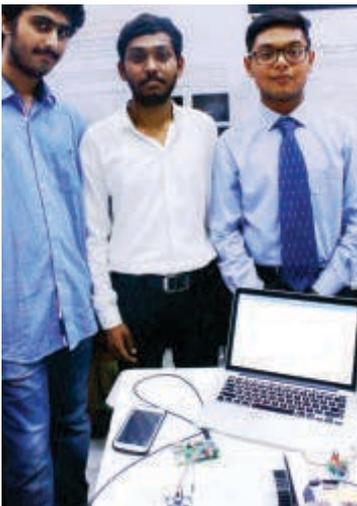
Ultrasonic Range Sensor on the Raspberry Pi
Agneev Das, Rahul Prajapat and Sayantan Bhattacharya of B.Tech Electrical and Electronics Engineering implemented a technology inspired from Batsthat in order to detect ultrasonic sounds that would help the blind.
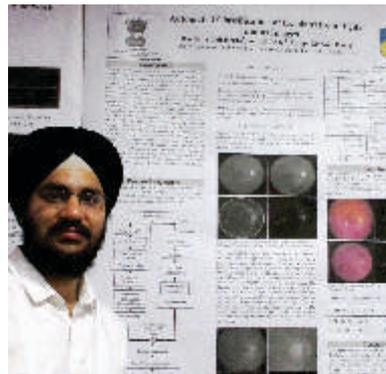
Automated classification of exudates from digital fundus images
Ravitej Singh Rekhi of B.Tech Electronics and Communication Engineering developed a computer vision based robust automatic method for detection of Diabetic retinopathy.

Automatic Traffic Control System
Jayesh Saini and Vaibhav Chaudhary of B.Tech Electronics and Communication Engineering propoed an automatic traffic control system where an ambulance and vehicle carrying explosives are detected and then the traffic is accordingly managed.

Thermal Energy Storage Device
Rajat Verma and Dinesh of B.Tech Mechanical Engineering designed and fabricated a thermal energy storage device using phase change material which can store the thermal energy in the form of latent heat during day time and it can be used in the night.

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An innovative device "**Wireless Breathing rate analysis** using electrically insulated device" by Ms. Umaima Siddiqui and Ms. Priya Agarwal of B.Tech Electronics and Communication Engineering.
A portable low-cost system device for continuous monitoring of respiratory rate.

An innovative device "**IoT based Smart Trash Bin for Waste Management System** with Data Analytics" by Ms. Sahana Parvin Muquit and Mr. Durgesh Yadav of B.Tech Electronics and Communication Engineering. The device helps in improving the efficiency of garbage management system in towns and cities.
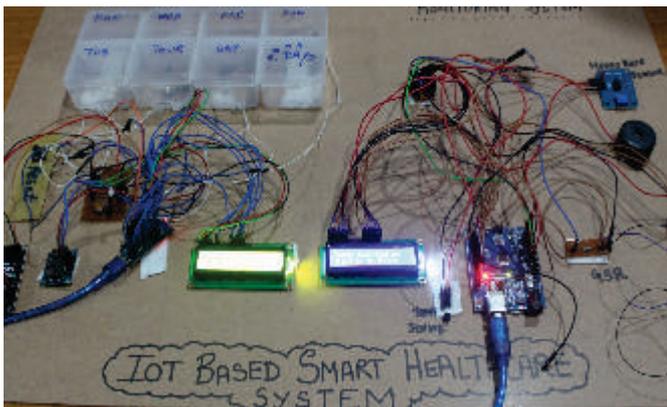
A project on "**IoT based Smart Healthcare System**" by Mr. Rohan Kumar, Mr. Rishi Jaiswal and Mr. Kartik Sharma of B.Tech Electronics and Communication Engineering.
The system uses an IOT based patient health tracking system effectively uses Internet to monitor patient health stats and save lives on time.
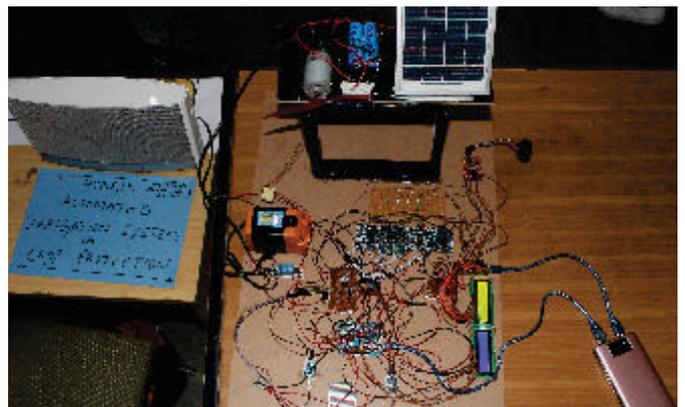
An innovative project on "**To design and develop an IOT** based control panel focusing on monitoring of moisture content in soil" by Mr. Anirudh Sharma, Mr. Pranitvachhar and Mr. Karan Kumar of B.Tech Electronics and Communication Engineering .A brake assembly for Formula Student India (FSI)for gathering the information about the force distribution in Assembly of Master Cylinder, Disc Brakes and Pedal Assembly.
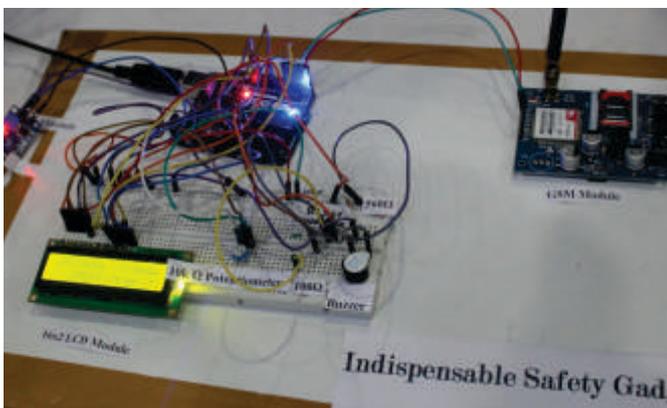
A project titled "**Indispensable safety gadget**" by Mr. Rutba Mufti and Mr. Kartike Khatri of B.Tech Electronics and Communication Engineering. An indispensable Safety Gadget is a harmful gas concentration monitoring and alert system which finds its application in gas mines, household kitchen and garbage dumping areas.
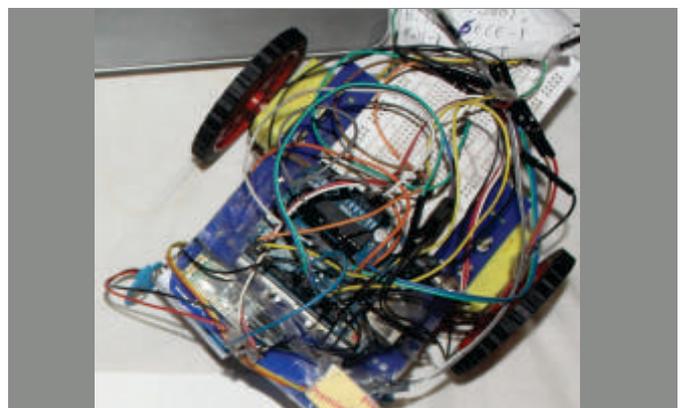
A project "**Arduino Uno-Based Robot Car**" by Mr. Apoorv Kansal of B.Tech Electronics and Communication Engineering. A prototype designed and fabricated for a robot car which works on the principle of Bluetooth transmission of Bluetooth Module Chip.
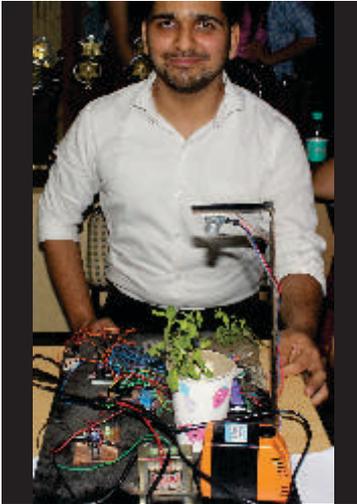
A project titled **"Smart Agriculture System"** by Mr. Saransh Kapoor, Mr. Avinash Lamba and Mr. Himanshu Sharma of B.Tech - Electronics and Communication Engineering.

A device for Smart-farming, using real-time monitoring with sensors for soil moisture, rain & plant height.

A project "Solar Umbrella with Attached fan, Charging Point and Torch" by Ms. Sonal Gupta and Mr. Mayank Agarwal of B.Tech Electronics and Communication Engineering. A solar umbrella is made with attached solar panels on the top and battery connected to it as a solution of this problem. The umbrella is even connected with a fan, a charging point and also a torch.

An innovative project **"An EMP Jamming Robotic System using Arduino Programming"** by Mr. Karush Suri and Mr. Mohit Mehta of B.Tech Electronics and Communication Engineering.

A compact system with fast jamming action makes it useful for disabling unfriendly devices and potential threats.

11.Adevice "Digital Notebook for Academic Purposes" by Mr. Venu Acchaand, Mr. Raj Tirtha of B.Tech Electronics and Communication Engineering. The device consists of a touch screen interface on which a user can write using a stylus.

A project **"Automatic Diagnostic tool for detection of ocular diseases"** by Mr. Rahul Prajapat and Mr. Sayantan Bhattacharya of B.Tech Electronics and Communication Engineering.

This is an innovative device to automatically diagnose the ocular diseases.
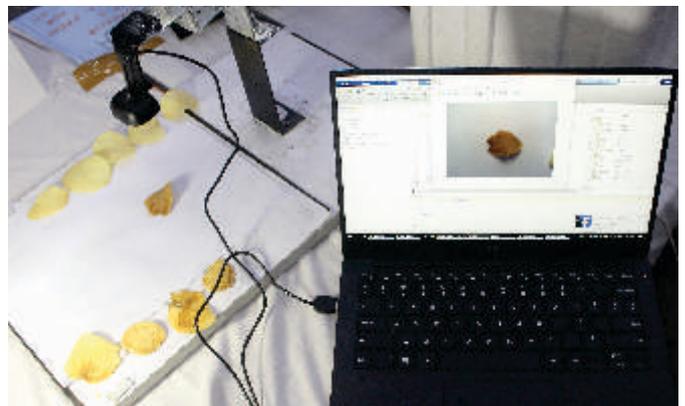
A project **"Computer Vision based identification of Acrylamide from Carbohydrate food."** by Mr. Dhruv Dhahiya of B.Tech Electronics and Communication Engineering. This is an effective and innovative Computer Vision based device which identifies Acrylamide from Carbohydrate food.

Aninnovative project **"Non-destructive automatic system for assessment of rice quality and defects for classification according to inferred commercial value"** by Mr. Hardik Gupta of B.Tech Electronics and Communication Engineering. An automatic system is designed to assess the quality of rice.

A project **"Quadcopter and its various application in different fields"** by Mr. Archit Gaur of B.Tech Electronics and Communication Engineering. This innovative system is a multirotor helicopter that is lifted and propelled by four rotors.
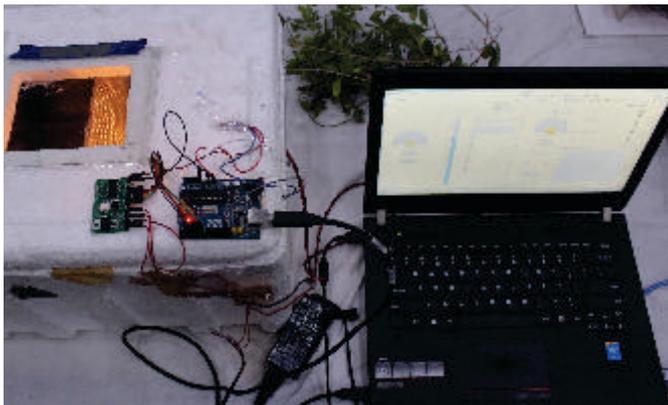
A project "Development of Microcontroller based in Thermal Egg Hatching Control System" by Ms. Pratekshyaof B.Tech Electronics and Communication Engineering. A microcontroller based temperature controller which can be employed in various types of industries like food processing (food drying and storage), pharmaceutical industries, process industries that are using boilers, extruders etc.

A project **"Development of Web Based AC Dimmer Using LabVIEW"** by Ms. Pratekshya of B.Tech Electronics and Communication Engineering. A low-cost microcontroller is used as a control card for supplying the digital dimming signals to the bidirectional triode thyristor (TRIAC) based AC dimmer using the National Instruments Lab VIEW software.
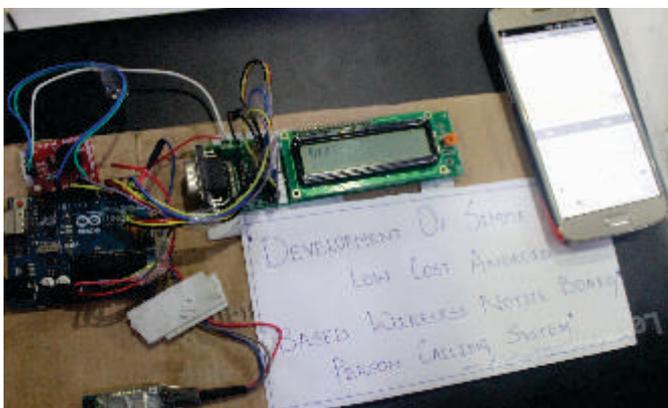
An innovative project **"Development of Simple and Low cost Andriod based Person Calling system"** by Mr. Likth and Ms. Pratekshya of B.Tech Electronics and Communication Engineering. A simple and low cost Android based wireless notice board is developed. The proposed system uses either Bluetooth or Wi-Fi based wireless serial data communication.

A project **"Remote controlled Courier Drone with load pickup and drop mechanism"** by Mr. Pushkar Singh of B.Tech Electronics and Communication Engineering. It is a remote control quadcopter consisting of F3 flight controller known as the mind of the drone.

A project **"Security Enabled speed monitoring Controlling System"** by Mr. Asish Venkat, Mr. Ujjwal Bagauria and Mr. Dhruv Dahiya of B.Tech Electronics and Communication Engineering.
The proposed work is used to reduce road accidents by monitoring and controlling vehicle speed.

An innovative device **"Smart Street Lighting"** by Mr. Aditya and Mr. Anish of B.Tech Electronics and Communication Engineering. The smart lighting system is based on the movement recognition of traffic and the ambient light intensity on road in order to control the LED street lighting using the dimmer circuits and sensors.
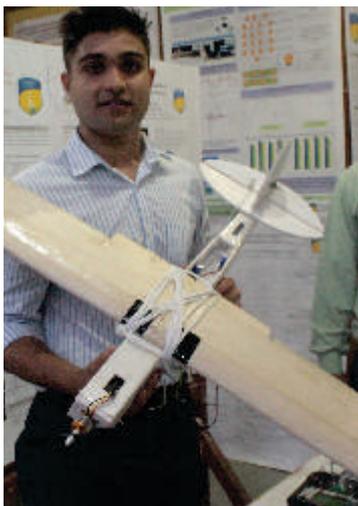
A project **"Battery Operated Remote controlled Plane with load carry and dropping mechanism"** by Mr. Pushkar Singh of B.Tech Electronics and Communication Engineering. It is a 4 channel Balsa or foam board remote control (RC) plane which is mounted with a brushless motor of 1000 KV or 1400 KV and Propeller size is 9X4 and 10X4.5. It can carry a load of maximum 500 g and drop at any particular location by dropping mechanism.
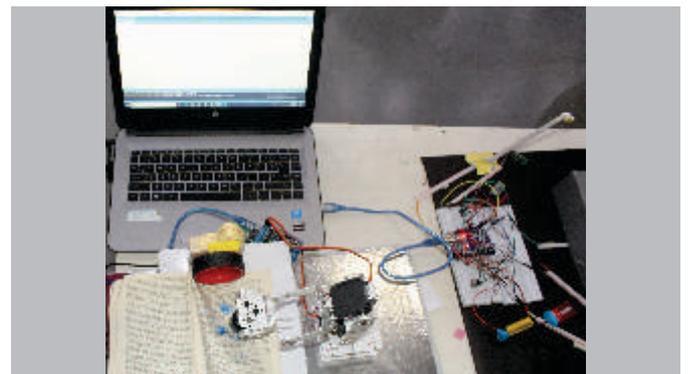
A novel project **"Stamp Punching Robotic Arm"** by Mr. Sami Ahmed Khan, Mr. Saksham Gupta and Mr. Umesh Gupta of B.Tech Electronics and Communication Engineering.
This device works on an autonomous stamp punching mechanism.

A project **"Smart Wireless fast charging solution for electrical vehicles"** by Mr. Karan Kaushik of B.Tech - Electronics and Communication Engineering. This is a charging station that allows a quick, convenient and automatic charging experience of an Electrical Vehicle.

An innovative device **"Design and Fabrication of Bodyworks of Formula Car by Carbon Fibre Resin"** by Mr. Abhishek Mehta, Mr. Kush Prakash Srivastava, Mr. Srinivasana and Mr. Bellam Jayanth of B.Tech Mechanical Engineering. The design of the bodywork is made using the Autodesk software named FUSION to produce the detail 3D design.
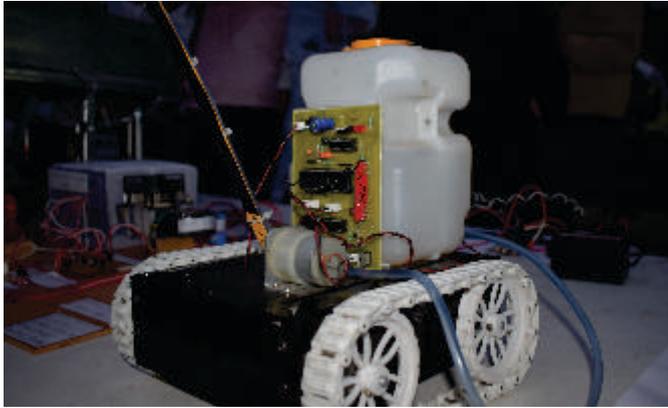
A project titled **"Design and Fabrication of Fire-Fighting Robot"** by Mr. Abhimanyu Gautam, Mr. Abhinav Shivran and Mr. Manjot Singhof B.Tech Mechanical Engineering. The fire fighting robot utilizes RF technology for remote operation.

A project on **"Thermal Management of Li-Ion Battery Array Arrangement in Electric and Hybrid Vehicle Application"** by Mr. R Umesh, Mr. Hemant Tanwar, Mr. Aman Singh Purbiya and Mr. Ranjan Prabhu of B.Tech Mechanical Engineering. The device controlsnano surface heat transfer rate between the lithium-ion batteries.
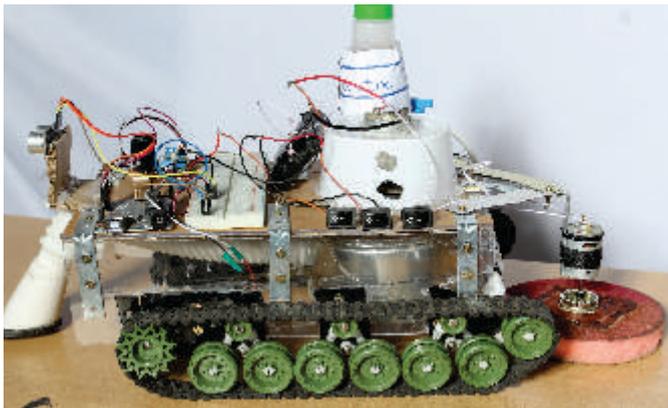
A project **"Automated Mopping System"** by Mr. Sayyam Chopra and Mr. Raghavof B.Tech Mechanical Engineering. The project focused on new model development of floor mopping system at an optimum cost and high mechanical efficiency.

A device **"Fabrication of filament Extruder machine for 3D printer and compares mechanical & Print characteristics of filament produced by the Extruder with industrial grade filament."** by Mr. Rahul Dhameja, Mr. Mohammad Saifuddin, Mr. Krishna Kumar and Mr. Aditya ShubhamTirtha of B.Tech Mechanical Engineering.

A project **"Digital Tactilo Pad for Blind and Visually Impaired"** by Mr. Kumar Harshit, Mr. Kunal Malhotra, Ms SaumyaDhingra and Mr. Yash Mangal of B.Tech Mechanical Engineering. Refreshable Braille Display for easy accessing of information and connecting the visually impaired people globally through digitalization.

An innovative project **"Online Process Measurement in Sheet Industry for zero defect Production"** by Mr. Akshay Upadhyay, Mr. Akshat Jain, Mr. Singh Saurabh Dhananjay and Mr. Joseph Johnof B.Tech Mechanical Engineering. A manufacturing system for press line is designed and fabricated to reduce inspection time.

An innovative device **"Design and fabrication of drive train and transmission system of Go-Kart"** by Mr. Faisal Khan Afridi, Mr. Lokesh Pal, Mr. Bilal Khan and Mr Zubair Ahmad Shalla of B.Tech Mechanical Engineering. The device is designed and fabricated, which is characterized by the absence of differential and suspensions systems.

An innovative project on **"Road Power Generator"** by Mr. Bhavya Bhatia, Mr. Akash Kaushik, Mr. Siddharth Bainsla and Mr. Himanshu Chaudharyof B.Tech Mechanical Engineering.

The project deals with an innovative concept of Generating Electricity from moving vehicles titled **"Road Power Generator"** by Using Slide Plate Mechanism.

A project titled **"Integrated Hydraulic Jack for Four Wheelers"** by Mr. Daksh Verma Mr. Shubham Sharma and Mr. Vishal Kant of B.Tech Mechanical Engineering.

The device makes the mechanical elevation of vehicle easier in application.

A project **"Fabrication of ambient controlled 3D printer to study the influence of surrounding condition on print quality"** by Mr. Chirag Singh, Mr. Chirag Aggarwal, Mr. Sumit Joshi and Mr. Podugu Hema Naga Rajasekhar of B.Tech Mechanical Engineering. The project deals with 3D printing with FDM technology.

A project **"Smart Pesticide Sprayer"** by Mr. Sourabh Sankhere, Mr. Akshit Singh, Mr. Amritdeep Singh and Mr. Ashish Kumar Singh of B.Tech Mechanical Engineering. This prototype serves the farmers and also helps them to spray pesticides without harming themselves.

An innovative project **"Design & Manufacturing fabrication of Innovative Mobile Sprinkler"** by Mr. Abhinav Malik, Mr. Ashank Malhotra, Mr. Rishabh Singh and Mr. Vaibhav Sehgal of B.Tech Mechanical Engineering. This research work reviews different risk analysis approach and expounds the application of fuzzy integrated multi criteria decision making (MCDM) framework for qualitative analysis of compressed natural gas (CNG) dispensing system.

STUDENT INNOVATIONS @ ASET
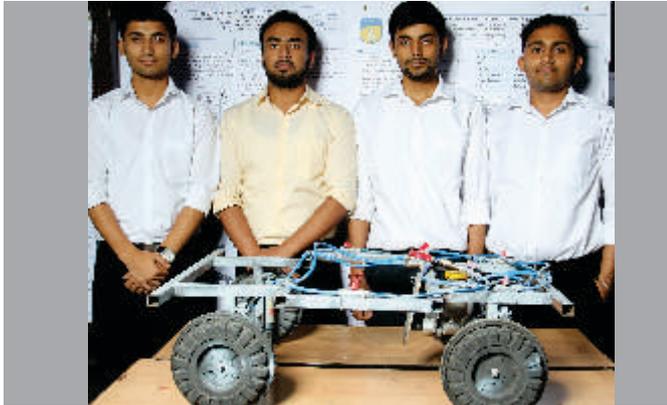
A project **"Inbuilt hydraulic jack for optimize the energy saving"** by Mr. Aakash Upadhyaya, Mr. Aayush Sharma, Mr. Aryik Gupta and Mr..HimanshuJangid of B.Tech Mechanical Engineering. Ergonomic factors are taken into consideration to reduce and simplify the use of a car jack.

An innovative project "Reduction of Nitrogen gas by using zeolites as adsorbent" by Mr. Yogya Khanna, Mr. ShivamPuri, Mr. PuttaDasaradhiBrahmaji and Mr. Prakhar Verma of B.Tech Mechanical Engineering. This technology needs to establish a commercially viable technology at larger scale to eliminate/reduce the nitrogen content from the combustion air.

A project **"Industrial Automation Using (IOT)"** by Mr. Shubham, Mr. Nipun Gautam, Mr. Atul Kumar Singh and Mr. Umananda Goswami of B.Tech Mechanical Engineering. This is a cost effective and efficient which provides wireless monitoring and controlling of a system.
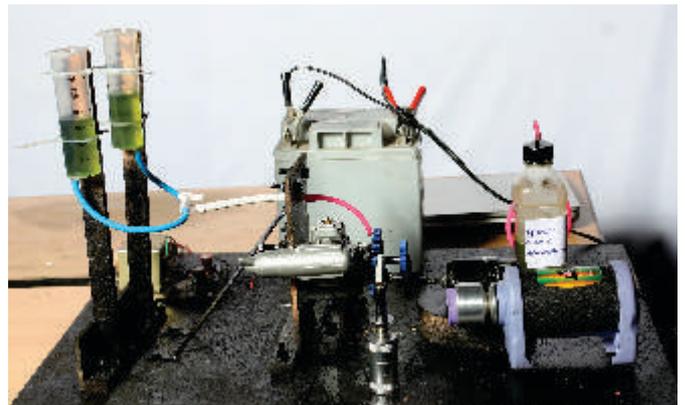
A novel project **"Effect of ambient parameters on exhaust of 2 stroke engine"** by Mr. Tushar Gupta, Mr. Vipul Tyagi and Mr. Nitin Kaushal of B.Tech Mechanical Engineering. This project work aims at studying the exhaust of 2 stroke engines and reducing their harmful residual gases and improves its performance for better outputs.

A project **"Suspension Brakes & Steering Hub Assembly for ATV"** by Mr. Sumit Kapri, Mr. Sheesh Gupta and Mr. Saurav Kumar, B.Tech Mechanical Engineering. Single passenger, off-road vehicle powered by a 10 HP Briggs & Stratton of 305cc engine.

An innovative project **"Solar Powered Automatic Hydraulic Jack System"** by Mr. Arun Jindal, Mr. Pulkit Goyal and Mr. Abhishek Rai of B.Tech - Mechanical Engineering. This concept will eliminate the need of carrying a conventional mechanical scissor jack while travelling.

A project **"Cooling and de-humidification of evaporative cooler"** by Mr. Prince Garg, Mr. Tanzeel Yousuf, Mr. Prince Chauhan and Mr. Sanjeev Kumar Gupta of B.Tech Mechanical Engineering.

The model is designed and fabricated In order to improve the performance of evaporative cooler in the humid area.

An innovative project **"Automatic Cleaning of solar panel"** by Mr. Nelson Patial, Mr. Vineet Yadav, Mr. Paramdeep Chhabra and Mr. Lagan Pahuja of B.Tech Mechanical Engineering. Basic design of the solar air heaters with improvements proposed to enhance the heat output is also included.

A project **"Smart Automatic Trolley"** by Mr. Pankaj Barthwal, Mr. Paras V Ghai, Mr. Abhishek Rana and Mr. Rohit Kumar Singh of B.Tech Mechanical Engineering.

It is a trolley which will help the person to carry their luggage without any assistance and without ant hassle.

An innovative project **"Design of an Innovative Device for Rehabilitation of Joints using shape Memory ((Ni -Ti) Alloy"** by Mr. Raghav Nayyar, Mr. Pranav Khurana and Ms Meha Jain of B.Tech Mechanical Engineering. The project deals with a portable device and economically viable compared to pre-existing exercising machine.

A project **"Multi-evaporator system for cleaning of water using wastage heat of the plant"** by Mr. Pushkar Singh of B.Tech Mechanical Engineering.
The purpose of this project is to treat rejected RO water through multi evaporation and make use of this rejected water again for different purpose like drinking, watering the plants, car washing.

An innovative project **"Potable water harvesting from RO wastage"** by Ms Richu Goyal, Mr. Nori Naga Sai Anirudh, Mr. Arman Khan and Mr. Jasmeet Singh of B.Tech Mechanical Engineering. This innovation is a pragmatic and scalable technology for solving the water scarcity problem worldwide.

STUDENT INNOVATIONS @ ASET

An innovative project "LHP LOOP Heat Pipe" by Mr. Saurav Kumar, Mr. Kartik Ranjan, and Mr. Amal Rai of B.Tech Mechanical Engineering. The project specifically addresses the thermal characteristics of a closed loop heat pipe for the thermal control of the compact electronic equipments.
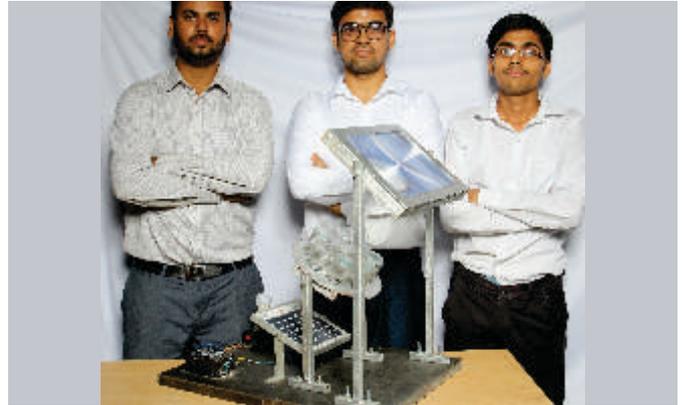
An innovative project **"Concept development and analysis of green building through Fresnel lens"** by Mr. Nilesh Kumar, Mr. Sangam Sharma, Mr. Atul Kumar and Mr. Nikhil Bazzad of B.Tech Mechanical Engineering. The proposed work develops the concept for green building by utilizing the accessible solar irradiations for electricity generation.

An innovative device **"Blind man Assisting Helmet"** by Mr. Vanacharla Bala Sai Mohan, Mr. Yadla Rishi Kiran and Mr. Kshitij Gupta of B.Tech Electrical and Electronics Engineering The device is designed for the purpose of navigation using the ultrasonic sensor and a servo motor.

A project titled "Automatic voltage regulation of an alternator" by Mr. NandLal Singh, Mr. Ujjawal Gautam, Mr. Arindam Bhattacharjee and Mr. Anurag Jha of B.Tech Electrical and Electronics Engineering. A cost effective method to minimize the voltage regulation of an alternator.
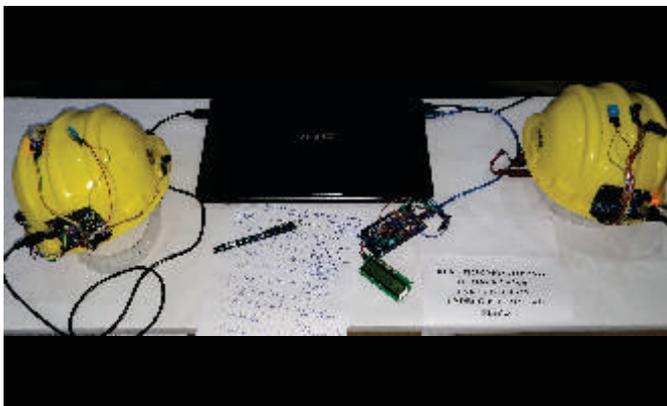
A project on **"Real time Monitoring of hazardous parameters in underground coal mines"** by Mr. Akshunya Mishra, Mr. Saksham Malhotra, Mr. Nishant Kumar Sinha and Mr. Harsh Bardhan of B.Tech Electrical and Electronics Engineering. This system is designed for the safety measures in an underground coal mines.
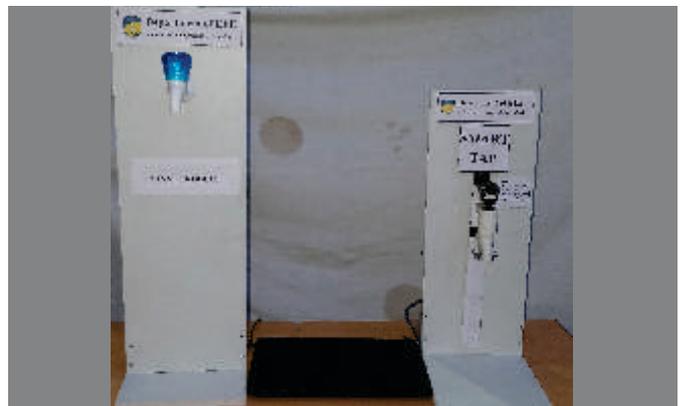
An innovative project on **"Smart Parking System"** by Mr. Rohan Kumar Lal, Mr. ityunjay Kumar, Mr. Gaurav Ghosh, Mr. Amar Agarwal and Ms. Rashika Srivastava of B.Tech Electrical and Electronics Engineering. This project deals with the development of parkapp where the user can directly use the application for booking of parking slots.
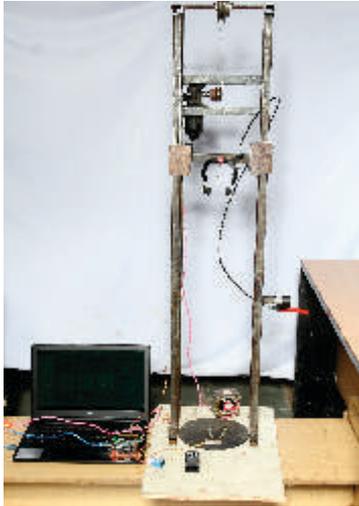
A project **"Design of Drop Test Setup"** by Mr. Gursimran Singh, Mr. Gaurav Pandey, Mr. Prashant Kaushik and Mr. Mwangi M Thomas of B.Tech Mechanical Engineering. The drop test machine includes various components like rail guides, base plate, sensors, and display devices etc, which are required to be assembled and tested before performing drop test experiments.
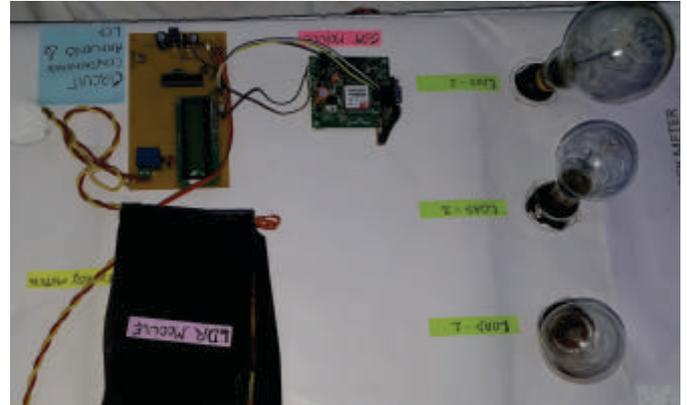
A project titled **"Smart Energy Meter"** by Mr. Manu, Mr. Sagar Bansal, Ms Shivani Juyal and Mr. Divyansh Patni of B.Tech Electrical and Electronics Engineering
The device is energy efficient, safe and secure from any type of tempering and economic issues.

An innovative device **"Performance Study of Vertical Axis Wind Turbines for Rural Areas"** by Mr. Akash, Mr. Ayush Singh and Mr. Sidhant Chaturvedi of B.Tech Mechanical Engineering.
This work represents the performance of vertical axis wind turbines for rural areas.
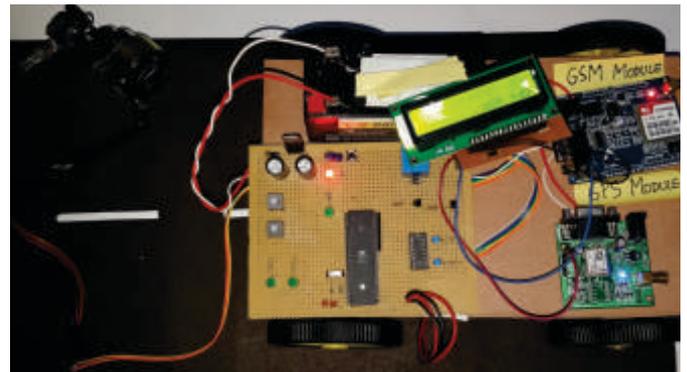
A project **"Microcontroller based anti-theft system for vehicles using GSM and GPS"** by Mr. Pranav Saluja, Mr. Sumit Kumar, Mr. Arjun Arora and Mr. Akshay Pant of B.Tech Electrical and Electronics Engineering. A wireless-technology-based vehicle theft information system to provide security for vehicles from thieves.

An innovative project **"Fabrication and experimental analysis of Double pipe heat exchanger equipped with mechanical tabulator"** by Mr. Rudra Airi, Mr. Harshit Arora, Mr. Gaurav Chaudhary and Mr. Akhil Saji Abraham of B.Tech Mechanical Engineering.
A heat exchanger is designed and fabricated in order to achieve maximum heat transfer.

An innovative project **"Microcontroller based Solar Powered Irrigation System with Moisture Sensing Technology"** by Mr. Mayank Pandey, Mr. Abhishek Agrawal, Mr. Vikram Kamboj and Ms. Rani Guptaof B.Tech Electrical and Electronics Engineering
This is a cost effective and solar based automatic irrigation system.

STUDENT INNOVATIONS @ ASET
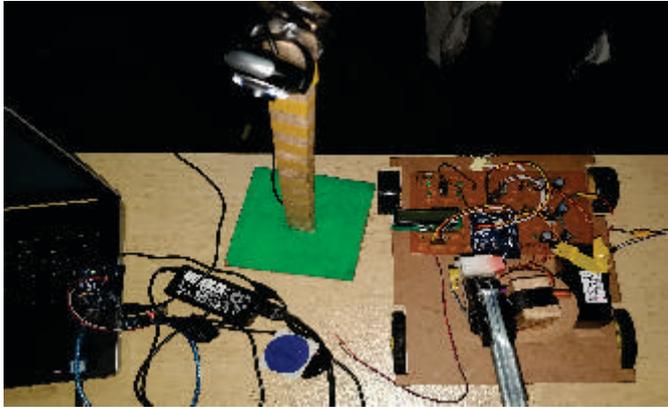
A project "**Remotely operating system for in service weapon and vehicle**" by Mr. Vasu Garg, Mr. Ashish Kumar Singh, Mr. Prakhar Gautam, Mr. Avinash Chaudhary and Mr. Vishal Sharma of B.Tech Electrical and Electronics Engineering. This is an asset in the field of surveillance, reconnaissance and even warfare.
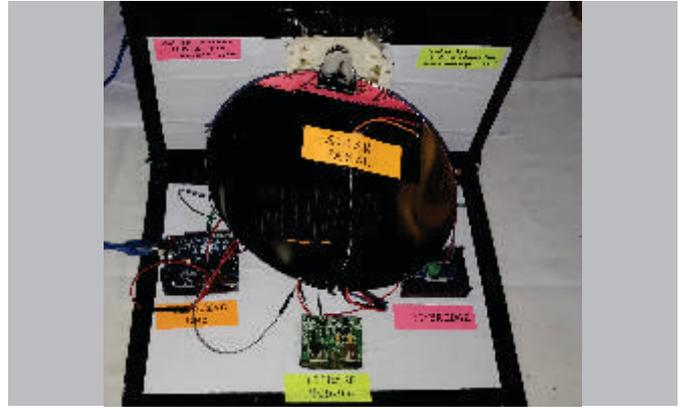
A device "**Concentrated Solar Power Tracker Using either Arduino UNO or H-Bridge**" by Mr. Lalit Jain, Ms. Tanya Jain, Ms. Yukti Aggarwal and Mr. Ganesh Kashyap of B.Tech Electrical and Electronics Engineering. This device through concentration and tracking, an increased exposure of the panel to the sun gives increased power output.
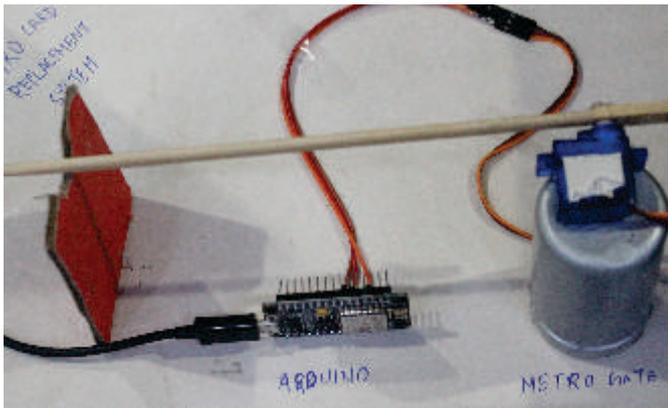
An innovative device "**Metro card Replacement system**" by Mr. Priyakant Bhardwaj of B.Tech Computer Science and Engineering. The web application will provide all the necessary data about travel and transactions and when linked with IoT model, it will work as digital metro card, making everything hassle free.

A project titled "**Elderly Care System with smart homes**" by Mr. UtkarshJain of B.Tech Computer Science and Engineering. This project will lead to better quality of living for the elderly people which would indeed result in increase in happiness within the family.
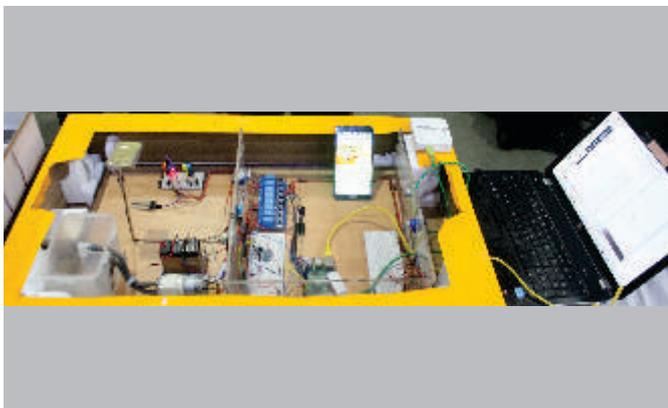
A project on "**Smart Agriculture and Agronomy using IOT**" by Mr. Ishan Saini of B.Tech Computer Science and Engineering. This system is designed for helping farmers in upgrading their technological concepts of IoT to generate better produce.

An innovative device "**Automatic Plant Watering System using IoT**" by Mr. Eish Mital and Ms .Shikha Guleria of B.Tech - Information Technology. This system has a soil moisture sensor and relay connected to the Arduino board.

An innovative device **"Multstage Electronic Precipitator for elimination of Air Pollution"** by Mr. Sanket Jhunjhunwala, Mr. Harish Ranjan Singh, Mr. Ripu Daman and Mr. Harshit Gahlaut of B.Tech Electrical and Electronics Engineering

The project aims at improving air quality to create a healthy future.

A project titled **"Drone designing and related control mechanism"** by Mr. Vaibhav Khanna of B.Tech Information Technology. The project designs a drone for the surveillance system through a sustainable small battery life of it.

A project **"Instantaneous Environment Temperature based smart water Temperature Regulator"** by Mr. Sudhanshu Kumar, Mr. Piyush Saini, Mr. Rishabh Anand, Mr. Deepjyoti Adhikary and Mr. Ali Asjad Khan of B.Tech Electrical and Electronics Engineering

This device will reduce the wastage of heated water and save electricity and can be used all over the world in any climatic conditions.

An innovative device **"Electricity generation air purifying robot"** by Mr. Rashbir Singh of B.Tech Information Technology. A fully IoT powered robot that uses 3 means of electricity generation i.e. converts heat into electricity, converts magnetic energy into electricity and converts the solar energy into electricity.

A project **"IoT Based Garbage Monitoring System"** by Ms. Mahak Dushad Mr. M Vinod, Mr. Gaurav Manori and Mr. Gurpreet Singh of B.Tech Electrical and Electronics Engineering

It is a very innovative system which will help to keep the cities clean.

An innovative device **"Self-Driving Vehicle using Artificial Intelligence"** by Mr. Sahil Gupta of B.Tech Computer Science and Engineering.

The project applies concepts of Artificial Intelligence to implement a Self-Driving Vehicle.
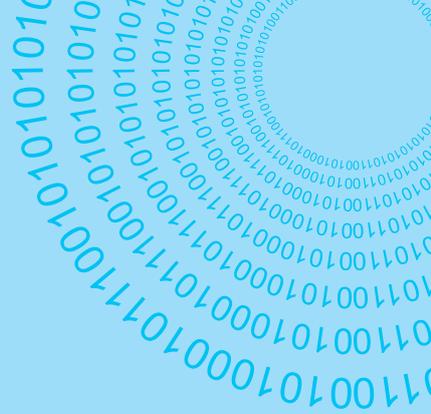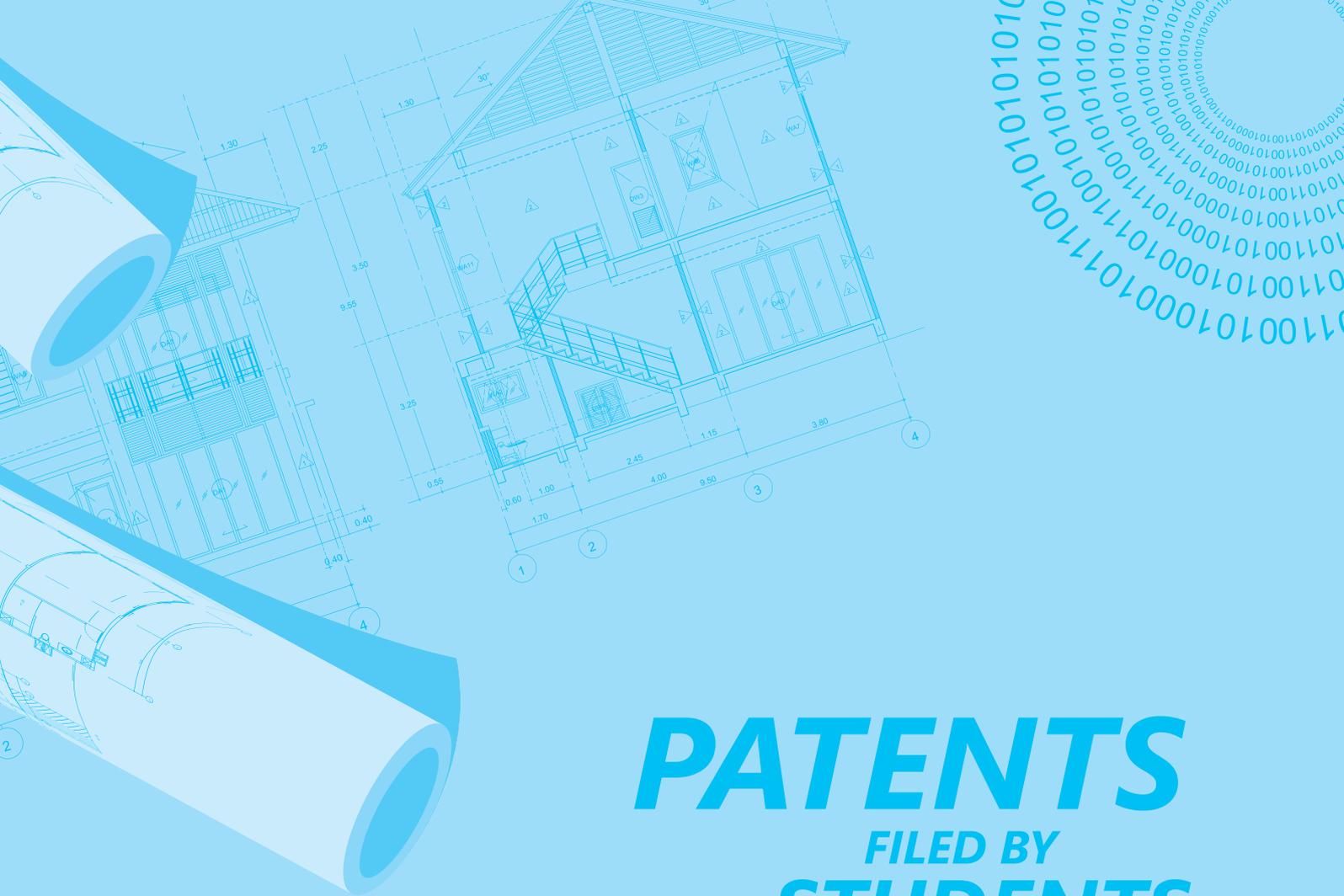
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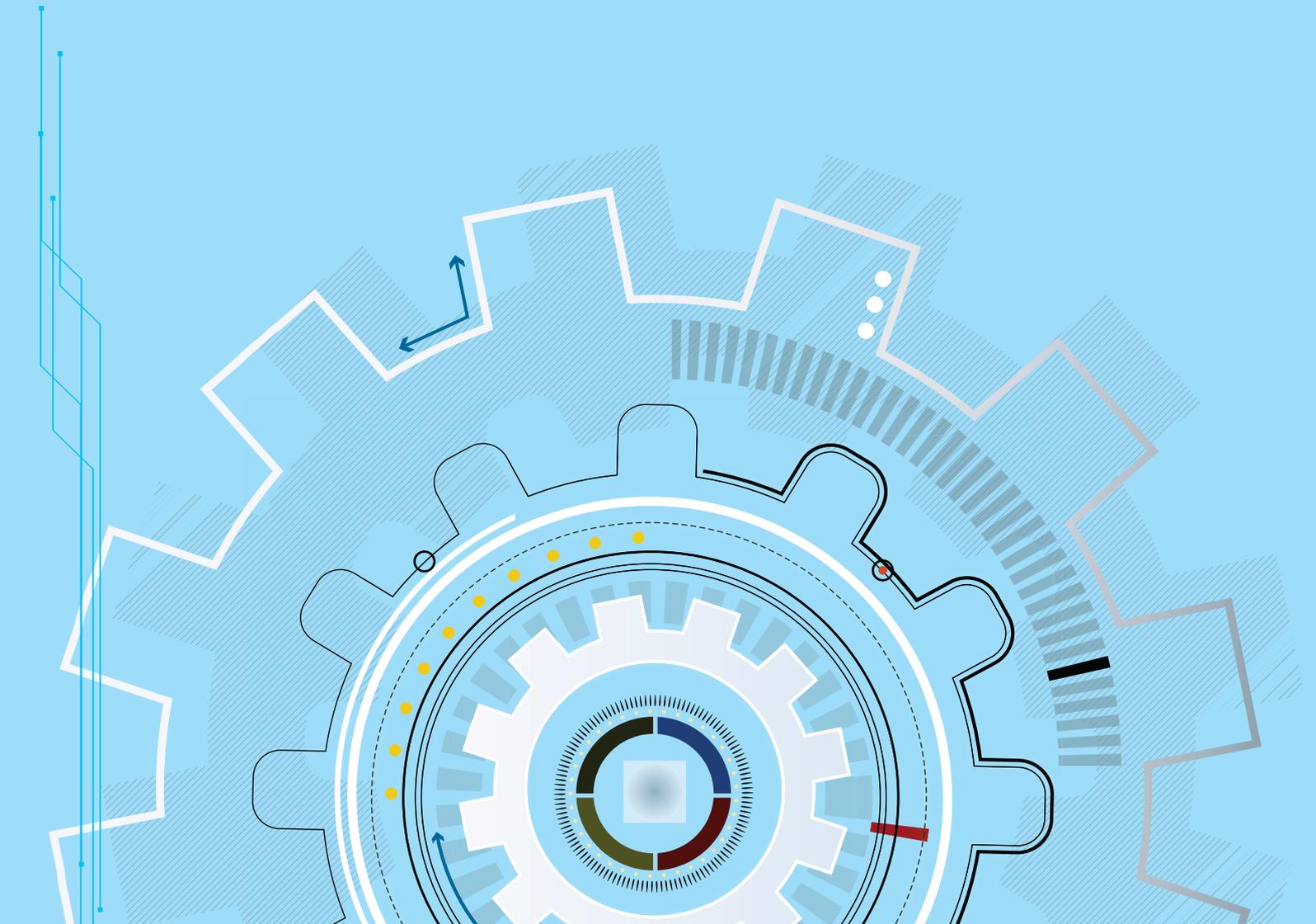
PATENTS FILED BY STUDENTS

S.NO	NAME(S) OF STUDENT INVENTOR(S)	YEAR	TITLE OF THE PATENT
1.	Mr. Sharad Chandra, Mr. Ashutosh Bagwadi and Mr. Virender Maurya	2018	Disc Brake for Formula Student Car
2.	Mr. Joyjit Chatterjee	2018	An emergency trigger bracelet for alcohol and drug induced people
3.	Mr. Harshit Sinha	2018	Call for driver (CFD), a highly automated mobile software
4.	Mr. Harshit Sinha	2018	Stop Stalking Sensor, a device for safety in almost all aspects
5.	Mr. Nikit Gupta and Ms. Anjali Chopra	2017	Innovative Room Air Conditioner Using Passive Cooling and Phase Change Material
6.	Mr. Kartikey Sharma	2017	A system and method of transpiration harvesting
7.	Ms. Kavita Rani	2017	Automated Smart Luggage Trolley
8.	Ms. Anjali Chopra	2017	TiNOX Based Passive Heating Water Tank
9.	Mr. Simon Jacob	2017	An improve wiper for car window
10.	Mr. Pulkit Pandey and Mr. Arthav S Patial	2017	A sensor based wireless anti biting canine device
11.	Mr. Pulkit Pandey and Mr. Arthav S Patial	2017	Mobile and Remote Locator
12.	Mr. Anupam Prakash, Sahil	2017	Synchronous GMT Based Analog Clock
13.	Mr. Adityan Jothi	2017	Robotic Window Cleaner
14.	Mr. Adityan Jothi and Mr. Shudhanshu Kumar	2017	Smart Bed to Monitor Sleeping Baby Movement and Crying
15.	Ms. Anupama Sahana	2017	An Improved Hanger
16.	Mr. Ayush Sharma	2017	A Non Invasive Tyre Burst Prevention System
17.	Ms. Rashmi Sharma and Ms. Rekha Agarwal	2017	Hexagonal Capacitive Micromachined Device
18.	Mr. KarushSuri and Mr. Mohit Mohta	2017	An EMP-jamming robotic system using Arduino Programming
19.	Mr. KarushSuri and Mr. Mohit Mohta	2017	An EMP-circuit jamming glove
20.	Mr. Joyjit Chatterjee	2017	User Friendly HelPen for assisting visually challenged
21.	Mr. Amandeep Singh Thakur	2017	Smart Manual Braking System with Override Acceleration and Braking System for Vehicle
22.	Mr. Anurag Jha and Mr. Arindam	2017	Automatic Window track cleaner
23.	Mr. Karan Vohra, Mr. Rishabsingh Tomar, Mr. Sumair, Kshitiz Pandey and Mr. Mohd. Danish	2017	A smart Tap
24.	Mr. Sudhanshu Kumar	2017	Portable Safety Device for Sewer Worker
25.	Ms. Varsha Singh	2017	Power saving Circuit
26.	Mr. Harshit Sinha	2017	System software for neural networks in Emotion Recognition & Hand Gesture recognition on a large scale
27.	Mr. Harshit Sinha	2017	All in one device using Graphene Technology & Human Computer Interaction

Ankur Dixit
Patent Name: Modified Fluid Storage Tank

Anuj Raturi
Patent Name: A System & Method for Cleaning Crank Case Impurities using Compressor System

Sumit Sharma
Patent Name: A novel system to reduce emission gases and particulate matters from diesel engine exhaust

Kartikey Sharma
Patent Name: A system and method of transpiration harvesting

PATENTS FILED BY STUDENTS

S.NO	NAME(S) OF STUDENT INVENTOR(S)	YEAR	TITLE OF THE PATENT
28.	Mr. Harshit Sinha	2017	A highly automated park smartly system
29.	Mr. Hemant Kumar, Ms. Ila Verma and Ms. Pratima Singh	2016	Maple leaf planar fractal antenna for energy harvesting applications
30.	Mr. Sahitya Singh and Mr. Akshaj Arora	2016	Lotus Shaped multi-band antenna
31.	Mr. Sahitya Singh and Mr. Akshaj Arora	2016	Novel multi-patch fractal antenna
32.	Mr. Surbhit Bhatnagar	2016	IV Fluids level monitoring and nurse notification.
33.	Mr. Vipin Choudhary and Ms. Aastha Gupta	2016	Hole coupled slotted MIMO antenna with defective ground surface
34.	Mr. Vipin Choudhary and Ms. Aastha Gupta	2016	A compact MIMO antenna for UWB applications
35.	Mr. Pulkit Pandey	2016	Cyborg
36.	Mr. Adityan Jothi	2016	Robotic Window Cleaner
37.	Mr. Adityan Jothi	2016	Smart mirror
38.	Mr. AdityanJothi and Mr. Anupam Prakash	2016	Opthalmological biometry using ultrasound assisted with toric calculator
39.	Ms. Jagriti Narang, Mr. Nitesh Malhotra and Mr. Ashish Mathur	2016	A System and Method for Naked Eye Quantitative Colorimetric Assay for Date Rape Drug Sensing Connected to Smart-Phone APP
40.	Mrs. Anjali Jain	2016	Method and system of real time IOT based control to meet power demand balance by responsive demand
41.	Mr. Munib Ur Rahman	2016	Early Warning System (EWS) for Detecting Earthquake
42.	Mr. Shivang Sharma	2016	An Environment Friendly Green Tablet PC
43.	Mr. Rajneesh Tanwar and Mr. Kanamarlapudi Krishna Kanth Gupta	2016	Securing an external Hard Drive using IOT
44.	Mr. Anish Arora	2016	Aadhar Biometric Based Automatic Documentless Traffic Management System
45.	Mr. Manikant	2016	System and method for network reconfiguration and load
46.	Mr. S.S.Tiwari (SRF), Mr. Chandan Banola, Mr. Prateek Singh, Mr. Praveen Kumar Singh and Mr. Saket Kumar	2016	I-O-T based environment monitoring system for ATM rooms
47.	Mr. Aditya Bhatnagar and Mr. Kartikey Jain	2016	Voice Recognition Calculator
48.	Mr. Shivam Sharma	2016	An Intelligent Garbage Segregator for smart Cities
49.	Mr. Jalendu Dhanija	2016	Face-Reco
50.	Mr. Mukesh Roy	2015	An automatic portable DSP processor-based solar/dynamo powered microscope for detection of Bacilli
51.	Mr. Mukesh Roy	2015	A household wastewater recycling and rainwater harvesting automatic photosensor mesh based self-lubricating waste-measuring multi-level toilet flush system

Simon Jacob
Patent Name: An improve wiper for car window

Dinesh Balwada
Patent Name: Internal Liquid cooling system for laptop

Nikit Gupta
Patent Name: Innovative Room Air Conditioner Using Passive Cooling and Phase Change Material

Anjali Chopra
Patent Name: TiNOX Based Passive Heating Water Tank

STUDENT INNOVATIONS @ ASET

PATENTS FILED BY STUDENTS

S.NO	NAME(S) OF STUDENT INVENTOR(S)	YEAR	TITLE OF THE PATENT
52.	Mr. Mukesh Roy	2015	BioMatch - economical eco-friendly biodegradable matchstick holder.
53.	Mr. Mukesh Roy	2015	Portable Non-Electric Regulator-Controlled Pump-Based Biodegradable Disposable Low-Cost Handheld Nebulizer
54.	Mr. Jitin Malhotra	2015	A laser based heater for the 3D printer's extruder using FDM technique and method there of
55.	Mr. Jitin Malhotra	2015	Heat massage device having finger like structures filled with magnetic fluid
56.	Mr. Mukesh Roy	2015	Microprocessor-based ultraviolet radiation sterilizing device for surgical instruments
57.	Mr. Mukesh Roy	2015	Wheelchair having armrest cum transfer board with anti skid mechanism
58.	Mr. Jitin Malhotra	2015	Three dimensional printer with installed condensation system
59.	Mr. Mukesh Roy	2015	A portable head load transmitter device with automatic stress and strain detection system
60.	Mr. Sumit Sharma	2015	A novel Exhaust system for reducing the gases and particulate matter emitted from vehicles
61.	Mr. Montek Singh Soni and Mr. Jitin Malhotra	2015	Three dimensional printer with installed condensation system
62.	Mr. Sumit Sharma	2015	A novel system to reduce emission gases and particulate matters from diesel engine exhaust
63.	Mr. Dinesh Balwada and Mr. Utkarsh Ashwini	2015	Internal Liquid cooling system for laptop
64.	Mr. Sumit Sharma	2015	A novel method to reduce exhaust emission of diesel engine using carbon black, 3 way catalytic converter
65.	Mr. Rishabh Sharma and Mr. Simeon Jacob	2015	Energy free generation of potable water through recurring condensation and agglomeration using a bicylindrical container
66.	Mr. Surbhit Bhatnagar	2015	Infrared(IR) remote cum sound operated fan regulator for multiple fan appliances
67.	Mr. S. Goel and Mr. S.S. Bhadauria	2015	Remote Interface for Slider Aided Wireless Power Transmission
68.	Mr. K.V.S. Bharath and Mr. Sheikh Suhail Mohammad	2015	Android/Tizen based system for prognosis and diagnosis of electrical machines
69.	Mr. Dhruba Ghosh	2015	Double differential ring oscillator architecture with low power, low noise and high stability factor for high speed serial link in RF range
70.	Mr. Piyush Goel, Mr. Akshay Sonkusare, Mr. Rohit Singh and Mr. Arjun Kapoor	2015	Driver Identification System
71.	Mr. Kshitij Chopra	2015	Integrated Circuit for converting low voltage AC to normal DC voltages
72.	Ms. SaumyaGangwar and Mr. Ankit Madnawat	2015	Household inverter using dual-axis solar tracker
73.	Mr. Anas Ali Jafri and Mr. Usamah Beg	2015	Portable Automatic Switch Controlling device for Controlling Switch
74.	Ms. Monika	2015	Enhancing surveillance system using AI techniques through fluoroscopy
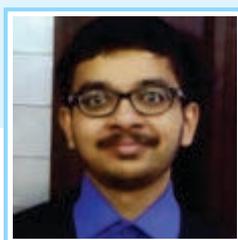
Joyjit Chatterjee
Patent Name: User Friendly HelPen for assisting visually challenged

Mukesh Roy
Patent Name: An automatic portable DSP processor-based solar/dynamo powered microscope for detection of Bacilli

Munib Ur Rahman
Patent Name: Early Warning System (EWS) for Detecting Earthquake

Shivang Sharma
Patent Name: An Environment Friendly Green Tablet PC

PATENTS FILED BY STUDENTS

S.NO	NAME(S) OF STUDENT INVENTOR(S)	YEAR	TITLE OF THE PATENT
75.	Mr. Raghav Gogi and Ms. Pragya Chawla	2015	Smartphone based authentic automated attendance system
76.	Mr. Ankur Dixit	2014	Modified Fluid Storage Tank
77.	Mr. Harshwardhan Sharma and Mr. Bhupesh Sharma	2014	Green Energy Based Air-Conditioner
78.	Mr. Arpan Rudra, Mr. R. Kumar and Mr. A. Singh	2014	Portable Pre-paid Energy Meter with Easy Recharge Interface
79.	Mr. Abhishek Khanna	2014	Android-based handheld device for Speed Control of DC motor via Bluetooth
80.	Mr. Ravi Ranjan	2013	An improved System for engagement and disengagement of clutch using actuator".
81.	Mr. Ravi Ranjan	2013	A novel system of leakage detection brake oil in automobiles
82.	Mr. Ravi Ranjan	2013	A novel system and method for efficient cooling of brake disc at higher speed"
83.	Mr. Ravi Ranjan	2013	An improved antitheft system and method for vehicles
84.	Mr. Rohit Kumar	2013	Anti theft device implanted on exhaust system of automobiles to reduce vehicle theft
85.	Mr. Rohit Kumar	2013	A novel system for heating exhaust gases, completely filed
86.	Mr. Rohit Kumar	2013	System and method for locking petrol and diesel injection to eliminate theft problem
87.	Mr. Rohit Kumar	2013	A novel method and system to improve performance of compression ignition engine
88.	Mr. Ravi Ranjan	2013	A novel system and mechanism for locking steering wheel of an automobile
89.	Mr. Ravi Ranjan	2013	System and method to reduce theft problem of vehicle by automatic hand brake locking
90.	Mr. Rohit Kumar	2013	A novel method and system to improve performance of spark ignition engine
91.	Mr. Angad Chawla, Mr. Tarun Kumar, Mr. Tejeshwar Singh and Mr. Abhijeet Gupta	2013	Multi Utility Machine Tool
92.	Mr. AnujRaturi	2012	A System & Method for Cleaning Crank Case Impurities using Compressor System
93.	Mr. Rohit Kumar	2012	System & methods for reducing pollutants using vane chamber in exhaust system of automobile
94.	Mr. Arjun Chauhan	2012	Advance Brake Failure Alarm System

Harshit Sinha
Patent Name: Call for driver (CFD),
A Highly Automated Mobile Software

Jalendu Dhanija
Patent Name: Face-Reco

Aditya Bhatnagar
Patent Name: Voice Recognition Calculator

Munib Ur Rahman
Patent Name: Early Warning System
(EWS) for Detecting Earthquake

RESEARCH PAPERS
PUBLISHED BY
STUDENTS

STUDENT INNOVATIONS @ ASET

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
1	Shantanu Saxena & Abdul Sazid	B.Tech (ECE)	2018	Channel selection in multi-channel surface electromyogram based hand activity classifier	4th International Conference on Computational , intelligence and communication technology (CICT- 2018), pp. 1-5 presented and will be published in IEEE Xplore Digital library.
2	Anjali Chopra & Abhimanyu Bhadauria	B.Tech (MAE)	2018	Numerical Estimation of Flow Dynamics Inside an Oscillating Heat pipe	16th International Heat Transfer Conference IHTC 2018 Beijing, China. Proceedings will be published by Begell house in IHTC digital library-2018 and Indexed by Scopus
3	Karush Suri	B.Tech (ECE)	2018	Activity Detection from Wearable Electromyogram Sensors using Hidden Markov Model	2nd International Conference on Computing Methodologies and Communication (ICCMC 2018), 15-16 Feb 2018, pp. 1-5, presented and will be published in IEEE Xplore Digital library.
4	Vishakha Baghel	Ph.D.-ME	2018	Modeling of Moist Air Condensation in from Drop Underneath Inclined hydrophobic surface	16th International Heat Transfer Conference IHTC 2018, Beijing, China. Proceedings will be published by Begell house in IHTC digital library-2018 and Indexed by Scopus.
5	Vibhore Pandey	B. Tech. (MAE)	2018	Detection of isomorphism and verification of Eigen vector approach with respect to 8 link multiple jointed base kinematic chains	1st International Conference on New Frontiers In Engineering, Science & Technology, DTU, Delhi Jan. 8-12, 2018.
6	Karush Suri	B.Tech (ECE)	2018	Dual Stage Classification of of Hand Gestures using Surface Electromyogram	IEEE 5th International Conference on Signal Processing and Integrated Networks (SPIN-2018), 22-23 Feb 2018 , pp. 1-5, presented and will be published in IEEE Xplore Digital library.
7	Dakshita Sharma	B.Tech (IT)	2018	Discovering the unknown patterns of crop production using clustering technique.	International Conference on Emerging Trends in Expert Applications & Security ICETEAS 2018: Proceedings will be published in Advances in Intelligent Systems and Computing, Springer, Singapore and will be indexed in scopus.
8	Saksham Gulati, Garima Agrawal	B. Tech (CSE)	2018	The Hidden Truth Anonymity in Cyberspace: Deep Web.	Intelligent Computing and Information & Communication. Springer, Singapore, 2018. 719-730. Proceedings published by Springer and indexed in Scopus. https://doi.org/10.1007/978-981-10-7245-1_70
9	Hitesh Kumar	B. Tech (CSE)	2018	Improved Exemplar-Based Image Inpainting Approach	Intelligent Computing and Information & communication Springer, Singapore, 2018. 705-717. Proceedings published by Springer and indexed in Scopus. https://doi.org/10.1109/ICCSE.2014.6926566
10	Ratnakar Kumar	B. Tech. (IT)	2018	Evaluating factors influencing Contestant Behavior in Competitive Development	Confluence-2018:8th International Conference on Cloud Computing, Data Science & Engineering 11th -12th January, 2018. Proceedings will be published in IEEE Xplore & will be indexed in scopus.
11	Karush Suri	B.Tech (ECE)	2018	Classification of Hand Gestures from Wearable IMUs using Deep Neural Network	2nd International Conference on Inventive Communication and Computational Technologies (ICICCT 2018), 20-21 Apr 2018, pp. 1-6, accepted and Proceedings will be published by IEEE Xplore Digital library.
12	Joyjit Chatterjee, Ayush Saxena Vajja Mukesh	B.Tech (ECE)	2018	Verification and Debugging of LC-3 Test Bench Environment using System Verilog	2nd International Conference on Electronics Communications and Aerospace Technology ICECA, March 2018, Coimbatore, India, IEEE Xplore, USA Proceedings will be published by IEEE Xplore Digital library.

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
13	Joyjit Chatterjee Ayush Saxena	B.Tech (ECE)	2018	A Computer Vision Approach for Detection of Parkinson Disease using Brain CT Images	2nd International Conference on Computing Methodologies and Communication ICCMC,Feb.2018, IEEE Xplore, USA Proceedings will be published by IEEE Xplore Digital library.
14	Amardeep Singh	B. Tech (CSE)	2018	LIPI: A Custom Object Oriented Interpreted Programming Language	Cloud System & Big Data Engineering(Confluence- 2018) 8th International Conference-2018. Proceedings will be published by IEEE Xplore Digital Library & will be indexed in Scopus
15	Pratibha Chaudhary	M.Tech (CN&IS)	2018	Analysis and Comparison of Various Fully Homomorphic Encryption Techniques	International Conference on Recent Trends in Engineering & Sciences 20 -21 February, 2018 The paper will be published in International journal of Engineering and technology indexed in Scopus.
16	Shradha	B.Tech. (IT)	2018	IoT For Healthcare: Challenges and Future Prospects	5th International Conference on "Computing for Sustainable Global Development" (INDIACom 2018) 14th – 16th March, 2018. Proceedings will be published in IEEE Xplore and will be indexed in Scopus.
17	Vibhor Jain Neha Sharma	B.Tech. (IT)	2018	An Augmented Reality-based 3D solar system for Effective Science Learning	5th International Conference on Computing for Sustainable Global Development, INDIACom-2018, 14th - 16th March,, 2018. Proceedings will be published in IEEE Xplore and will be indexed in Scopus.
18	Archika Singh Mumin Sajad Shawl	B.Tech (ECE)	2018	RFID and HDL based prepaid car parking system	2nd International Conference on Electronics Communications & Aerospace Technology ICECA,March 2018,Coimbatore, India, IEEE Xplore, USA Proceedings will be published by IEEE Xplore Digital library.
19	Soumya Kapur	B.Tech (ECE)	2018	Implementation of 9 bit signed Vedic Multiplier on Zed board	2nd International Conference on Electronics Communications and Aerospace Technology ICECA, March 2018, Coimbatore, India, IEEE Xplore, USA Proceedings will be published by IEEE Xplore Digital library
20	Akash Gupta Divvya Gupta,	B.Tech (ECE)	2018	Analysis of Power reduction reduction techniques in digital circuits in submicron regimen	2nd International Conference on Electronics Communications and Aerospace Technology ICECA, March 2018, Coimbatore, India, IEEE Xplore, USA Proceedings will be published by IEEE Xplore Digital library.
21	Shruti Ranjan Prayati Garhwal	B.Tech (ECE)	2018	Image processing based forensic investigation of morphed documents	2nd International Conference on Electronics Communications and Aerospace Technology ICECA March 2018, Coimbatore, India, IEEE Xplore, USA Proceedings will be published by IEEE Xplore Digital library.
22	Mumin Sajad Shawl Archika Singh	B.Tech (ECE)	2018	Implementation of Low Power components of a MAC unit for DSP Processors	International Conference on Inventive Communication & Computational technologies,.ICICCT 2018,March 2018, IEEE Xplore, USA Proceedings will be published by IEEE Xplore Digital library.
23	Shipra Singh	M.Tech (ECE)	2018	Data Rate and Symbol Error Rate Analysis of Massive MIMO for 5G Applications	International Conference on Advanced Computing &Intelligent Engineering (ICACIE -2016).Paper published in Progress in Advanced Computing and Intelligent Engineering. Springer, Singapore, 2018 . 417-423. DOI: 10.1007/978-981-10-6872-0_39
24	Azzan Khan Prateekshya Biswal, Chintalapudi Likhith	M.Tech (ECE)	2018	Development of an Intelligent Light Intensity Control System for LED Lighting	Accepted for Presentation in IEEE Conference on power Energy, Environment & Intelligent Control (PEEIC 2018). Proceedings will be published byIEEE Xplore Digital libarary

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
25	Prateekshya Biswal Chintalapudi Likhith	M.Tech (ECE)	2018	Development of Microcontroller Based Digital AC Dimmer for Light Intensity Control	Accepted for Presentation in IEEE Conference on Power Energy, Environment & Intelligent Control (PEEIC2018). Proceedings will be published by IEEE Xplore Digital library.
26	Nirdosh Ashna Kakkar	M.Tech (ECE)	2018	A Two-element Wideband MIMO Antenna for X-Band, Ku-Band, K-band Applications	IEEE International Work Conference on Signal Processing and Integrated Networks, India, will be published by IEEE Xplore Digital Library.
27	Shruti Ranjan Prayati Garhwal	B.Tech (ECE)	2018	Image Processing based forensic investigation of morphed documents	2nd International conference on Electronics, Communication and Aerospace Technology (ICECA 2018), IEEE conference. Proceedings will be published by IEEE Xplore Digital library.
28	Abhishek Anil	B.Tech (ECE)	2018	Image Processing based non-destructive testing of mushroom sample	2nd International conference on Electronics, Communication & Aerospace Technology (ICECA 2018), .IEEE conference. Proceedings will be published by IEEE Xplore Digital library
29	Divyam Sharma	B.Tech (ECE)	2018	Computer Based Automatic Segmentation of Pap smear Cells for Cervical Cancer Detection	IEEE International Conference in Signal Processing and Integrated Networks"SPIN 2018, 22-23 Feb 2018. Paper Presented Proceeding will be published by IEEE Xplore Digital Library
30	Tushar Chand Kapoor	B. Tech (CSE)	2018	Image Watermarking using LTP and DCT	Cloud System & Big Data Engineering (Confluence- 2018) 8th International Conference-2018. Proceedings will be published by IEEE Xplore Digital Library and will be indexed in SCOPUS.
31	Ishita Singh	B.Tech. (IT)	2018	An Improved Approach for Detection of Unattended Objects in in Crowded Space	5th International Conference on Computing for Sustainable Global Development, INDIACom-2018, 14th - 16th March, 2018. Proceedings will be published in IEEE Xplore and will be indexed in Scopus
32	Pramathesh Majumder	M.Tech. (CN&IS)	2018	Cyber Security: A Hybrid Cryptic Model for Protection against Ransomware Attack	5th International Conference on Computing for Sustainable Global Development, INDIACom-2018, 14th - 16th March, 2018.
33	Arushi Agarwal	M.Tech. (IT)	2018	An Investigation of Reduction of Cryptography Processing Overhead in BGP Security Protocols	5th International Conference on "Computing for Sustainable Global Development" (INDIACom 2018) 14th – 16th March, 2018. Proceedings will be published in IEEE Xplore and will be indexed in Scopus
34	Eeyshaan Tyagi	B.Tech. (IT)	2018	Blue Eyes Technology: Impact and Applications	5th International Conference on "Computing for Sustainable Global Development" (INDIACom 2018) 14th–16th March, 2018. Proceedings will be published in IEEE Xplore and will be indexed in Scopus.
35	Divesh Keswani	B.Tech. (IT)	2018	Regression based Techniques : To Estimate the Software	5th International Conference on "Computing for Sustainable Global Development" (INDIACom 2018) 14th – 16th March, 2018. Proceedings will be published in IEEE Xplore and will be indexed in Scopus.
36	Pooja Sharma	B.Tech.(IT)	2018	Software Effort Estimation using Linear Regression Technique	5th International Conference on "Computing for Sustainable Global Development" (INDIACom 2018) 14th – 16th March, 2018. Proceedings will be published in IEEE Xplore and will be indexed in Scopus.

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
37	Harry Singh	B.Tech (IT)	2018	Virtual Reality as a Marketing Tool	6th International Conference on Emerging Trends in Expert Applications & Security (ICETEAS 2018) 17th-18th February, 2018. Proceedings will be published in Advances in Intelligent Systems and Computing, Springer, Singapore and will be indexed in Scopus.
38	Bonny Paulos	M.Tech (CN&IS)	2018	Identification of regions and probable health risks due to air pollution using k-mean clustering techniques	Fourth-international conference on computational intelligence and communication technology (CICT 2018) 9th – 10th February, 2018. Proceedings will be published in IEEE Xplore and will be indexed in Scopus.
39	Sakshi Srivastava	B.Tech (IT)	2018	Automatic Detection of Eczema Using Image Processing	International Conference on Wireless, Intelligent and Distributed Environment for Communication (WIDECOM 2018)16th -18th February, 2018. Proceedings will be published in Springer Series: Lecture Notes on Data Engineering and Communications Technologies.
40	Deepanshi Singla	B.Tech (IT)	2018	Texture Analysis of Fruits for its Deteriorated Classification	International Conference on Wireless, Intelligent & Distributed Environment for Communication (WIDECOM 2018) 16th -18th February, 2018 Proceedings will be published in Springer Series : Lecture Notes on Data Engineering and Communications Technologies
41	Archit Sood	B. Tech (IT)	2018	Analysing, Designing, Implementation and Coding E-commerce through UX	International Conference on Wireless, Intelligent and Distributed Environment for Communication (WIDECOM 2018) 16th -18th February, 2018. Proceedings will be published in Springer Series: Lecture Notes on Data Engineering and Communications Technologies.
42	Akshunya Mishra Saksham Malhotra	B. Tech (EEE)	2018	Real Time Monitoring & Analysis of Hazardous Parameters in Underground Coal Mines using Intelligent Helmet	4th International Conference on Computational intelligence and communication technology (CICT-2018), India, 2018, Proceedings will be published by IEEE Xplore Digital Library indexed in Scopus.
43	Abhishek Agrawal Vikram Kamboj Mayank Pandey Rani Gupta	B. Tech. (EEE)	2018	Microcontroller based Irrigation Irrigation System Solar Powered with Moisture sensing technology	IEEE International Conference on Cloud Computing Data Science & Engineering (Confluence-2018), India, 2018, Proceedings will be published by IEEE Xplore Digital Library indexed in Scopus.
44	Sanjeev Kumar	B. Tech. (MAE)	2018	Impact Analysis of Oxidation Stability for Biodiesel and its Blends	8th International Conference on Material Processing and Characterization, 16th-18th March 2018 and Indexed by Scopus.
45	Sanjeev Kumar	B. Tech. (MAE)	2018	Biofuel as Renewable and Sustainable Energy	1st International Conference on New Frontiers in Engineering, Science and Technology, January 8-12, 2018 DTU, Delhi, India.
46	Vivek Raghav Sanjeev Kumar	B. Tech. (MAE)	2018	Impact on Stability and Emission on Biodiesel by Antioxidant	1st International Conference on New Frontiers in Engineering, Science and Technology,January 8-12, 2018, DTU, Delhi, India.
47	Mohit Agrawal Aditya G Mridul Manik	B. Tech. (MAE)	2018	Risk Analysis of Water Treatment Plant using Fuzzy Inference System	4th International Conference on Harmony search Soft Computing and Applications, 2018. Papers will be published in AISC series of Springer and will be indexed in Scopus.

STUDENT INNOVATIONS @ ASET

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
48	Ravi Singh	B. Tech (MAE)	2018	ISM modelling of challenges for Indian textile SMEs	Research Conference on Operations and Supply Chain Management, 17th Feb, 2018.
49	Mohit Agrawal Aditya G.	B. Tech. (MAE)	2018	Risk Prioritization of Turbine System in a Gas Turbine Power Plant using Fuzzy Methodology	Confluence-2018 will be published in IEEE Xplore Digital Library, 11-12 January, 2018.
50	Rahul Kumar	B. Tech. (MAE)	2018	Performance comparison of naturally aspirated and oxygen inhaled compression ignition single cylinder engine at variable pressure	1st International Conference on New Frontiers In Engineering, Science& Technology, DTU, Delhi Jan. 8-12, 2018.
51	Ravitej Singh Rekhi	B.Tech (ECE)	2017	Automated classification of exudates from digital fundus images	International Work Conference on Bioinspired Intelligence (IWOBI 2017), Portugal, European Union, Proceedings published by IEEE Xplore Digital Library. DOI:10.1109/IWOBI.2017.7985527
52	Anmol Singh Bhatia, Chetan Chauhan	B.Tech (CE)	2017	Analysis & Optimization of strength characteristics of concrete using super plasticizers	IEEE International Conference, SMART (System Modeling & Advancement in Research Trends), 2017, Proceedings will be published in IEEE Xplore and will be indexed in Scopus
53	Pulkit Pandey Arthav S Patial	B.Tech (ECE)	2017	Mobile and Remote Locator	Application No.-201711001461
54	Rashmi Sharma Rekha Aggaral	BTech (ECE)	2017	Hexagonal Capacitive Micromachined Device	Application No.-201711002252
55	A. Agarwal A. Sarkar	B.Tech (ECE)	2017	Adaptive Thresholding Based Segmentation of Infected Portion of Pome Fruit.	Journal of Information and Optimization Sciences (JIOS), Taylor & Francis 2017 Volume 20, 2017 - Issue 4 Pages 575-584
56	Divya Shukla Priya Sharma Ishfaq Gaffar Dar	M.Tech (ECE)	2017	Development of Microcontroller Based Lemon Ripening Condition Monitoring System	Presented in IEEE Conference International Conference on Reliability, Infocom Technologies & Optimization (ICRITO-2017). Proceedings will be published by IEEE Xplore Digital library
57	Divya Shukla Jagjot Singh Khokhar Vipul Kumar	M.Tech (ECE) M.Tech (EST)	2017	Development of Web Based Parameter Monitoring of Milk	Presented in IEEE Conference International Conference on Reliability, Infocom Technologies & Optimization (ICRITO-2017). Proceedings will be published by IEEE Xplore Digital library.
58	Divya Shukla Priya Sharma	M.Tech (ECE)	2017	Development of Web Based Gas Monitoring System Using LabVIEW	Presented in IEEE Conference Recent Developments in Control, Automation & Power Engineering (RDCAPE-2017).Proceedings will be published by IEEE Xplore Digital library.
59	Ravitej Singh Rekhi	B.Tech (ECE)	2017	Automated classification of exudates from digital fundus images	IEEE International Work Conference on Bioinspired Intelligence (IWOBI 2017), Portugal, European Union, Proceeding published by IEEE Xplore Digital Library. DOI: 10.1109/IWOBI.2017.7985527
60	Pulkit Pandey	B.Tech (ECE)	2017	Automatic Image Processing Based Dental Image Analysis Using Automatic Gaussian Fitting Energy and Level Sets	IEEE International Work Conference on Bioinspired Intelligence (IWOBI 2017), Portugal, European Union, Proceedings published by IEEE Xplore Digital Library. DOI: 10.1109/IWOBI.2017.7985529
61	Varun Gupta	B.Tech (ECE)	2017	Automated Segmentation of Powdery Mildew disease from Cherry Leaves using Image Processing	IEEE International Work Conference on Bioinspired Intelligence (IWOBI 2017), Portugal, European Union, Proceeding published by IEEE Xplore Digital Library. DOI: 10.1109/IWOBI.2017.8006454

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
62	Mohan Mishra	B.Tech (ECE)	2017	Classification of Normal and Abnormal Heart Sounds for Automatic Diagnosis	40th IEEE International Conference on Telecommunications and Signal Processing, Barcelona, Spain, Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/TSP.2017.8076089
63	Aparajita & Rudransh Sharma	B.Tech (ECE)	2017	Image Processing Based Automated Identification of Late Blight Disease from Leaf Images of Potato Crops	40th IEEE International Conference on Telecommunications and Signal Processing, Barcelona, Spain, Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/TSP.2017.8076090
64	Ashi Agarwal	B.Tech (ECE)	2017	Automated Skin Lesion Segmentation using K-means Clustering from Digital Dermoscopic Images	40th IEEE International Conference on Telecommunications and Signal Processing, Barcelona, Spain, Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/TSP.2017.8076087
65	Divya Shukla Vipul Kumar	M. Tech (ECE) M.Tech (EST)	2017	Artificial Neural Network Approach for Modeling of Photovoltaic Module	4th International conference on Signal Processing & Integrated Networks, (SPIN-2017). Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/SPIN.2017.8049951
66	Joyjit Chatterjee, Ayush Kaushik	B.Tech	2017	A Novel Approach Towards Identification of In-Flight Situation Based on Air Traffic Control Conversations	4th International conference on Signal Processing & Integrated Networks (SPIN-2017). Published in IEEE Xplore Digital Library - DOI: 10.1109/SPIN.2017.8049936
67	Nevidita Sharma	M.Tech (ECE)	2017	Design, Simulation and a Comparative study of Square, Rectangular, Triangular and Dual Beamed RF MEMS Switch for Switching Applications	4th International conference on Signal Processing & Integrated Networks. (SPIN-2017). Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/SPIN.2017.8049958
68	Luck Saurabh, Gethu P.S	M.Tech (ECE)	2017	Performance Analysis of Meta-material based Bow-tie shaped Fractal Antenna for THz Application	7th International Conference on Cloud Computing, Data Science & Engineering (CONFLUENCE-2017) Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/CONFLUENCE.2017.7943253
69	Akriti Gupta	B.Tech (ECE)	2017	Effect of Substrate Material on Sensing Behaviour of SAW Based Gas Sensors	International Conference on Functional Materials, Characterization, Solid State Physics, Power, Thermal and Combustion Energy, (FCSPTC-2017), 7th - 8th April 2017, (AcceptedProceedings will be published by AIP Volume 1859, Issue 1 > 10.1063/1.4990196
70	Neel Chatterjee	B.Tech (ECE)	2017	Multiphysics Simulation of InP NWT for High Speed Digital Applications	Progress In Electromagnetics Research Symposium (PIERS- 2017), St Petersburg, Russia, May. 2017, Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/PIERS.2017.8262062
71	Neel Chatterjee	B.Tech (ECE)	2017	Analysis of Schottky Barrier Indium Arsenide Nanowire MOSFET for High Frequency Application	Progress In Electromagnetics Research Symposium (PIERS- 2017), St Petersburg, Russia, May. 2017,Proceedings published by IEEE Xplore Digital Library DOI10.1109/PIERS.2017.8261747
72	Karan Jain, Aishwarya Verma, Devyani Tyagi	B.Tech (ECE) & M.Tech (VLSI)	2017	Proposed High Speed 64-bit VLIW Microprocessor with Modified Adders	4th International conference on Signal Processing & Integrated Networks. (SPIN-2017), Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/SPIN.2017.8049966
73	Akash Gupta, Manohar Khatri	B.Tech (ECE)	2017	Design of Low Power Magnitude Comparator	7th International Conference on Cloud Computing, Data Science & Engineering (CONFLUENCE-2017) Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/CONFLUENCE.2017.7943251

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
74	Arpan Roy, Aashwin Sharma	BTech (ECE)	2017	Low Power Adder Circuit Based on Coupling Technique	International Conference on Intelligent Communication, Control and Devices, (ICICCD-2017), Apr. 2017, Dehradun, India. Proceedings will be published by Springer and will be indexed by scopus.
75	Neel Chatterjee	B.Tech (ECE)	2017	Thermal Analysis of III-V Transistor	Progress In Electromagnetics Research Symposium (PIERS- 2017), St Petersburg, Russia, May. 2017, Proceedings published by IEEE Xplore Digital Library DOI10.1109/PIERS.2017.8261748
76	Anubhav Garg, Deepak Agrawal and Priyank Kularia	B.Tech (ECE)	2017	Area Efficient Modified Booth Adder based on Sklansky Adder	2nd International Conference for Convergence in Technology, (I2CT-2017), 8-9 Apr.2017. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/I2CT.2017.8226142
77	Ridhi Garg, Tabassum Sayed	M. Tech (ECE)	2017	Comparative Noise Free Analysis of ECG Signal	International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS-17). Proceedings will be published by IEEE Xplore Digital Library and will be indexed by Scopus
78	Nirdosh, Ashna Kakkar	M.Tech (ECE)	2017	A Multiband Circular patch Microstrip Antenna for K and Ka Applications	2nd International Conference on Intelligent Communication, Control and Devices. (ICICCD -2017) Springer Conference Ref No: 65758
79	Vishu Pargain, Pratul Singh, Shekhar Raj Chauhan	B.Tech (ECE)	2017	Metal Artifact Reduction from Dental CBCT image using Morphology and Fuzzy logic	International Conference, Intelligent Communication, Control, Devices(ICICCD-2017) ,15 – 16 April 2017
80	Arnab Sikidar	M.Tech (Mechatronic)	2017	Fingerprint Reconstruction from Cylindical Objects using Image Mosaicing	First International Conference on Smart Technologies in Computer and Communication (SmartTech-2017), 27-29 March, 2017.
81	Ashmita Bhargava & Pavni Gairola	B.Tech (ECE)	2017	Computer aided diagnosis of cervical cancer using HOG features and multi classifier	International conference on intelligent communication control and devices, 15-16 April 2017, Papers will be published by springer verilag.
82	Jagjot Singh Khokar	M.Tech (EST)	2017	A neural network based novel detection technique for analysis of pollutant levels in air	International Conference on Smart Innovations in Communications and Computational Sciences (ICSICCS-2017), Accepted and presented papers will be published in the conference proceedings and in Springer Book Series on "Advances in Intelligent Systems and Computing".
83	Akash Gupta, Manohar Khatri	B.Tech (ECE)	2017	Design Of Low Power Magnitude Comparator	Proceedings of the IEEE 7th International Conference on Cloud Computing, Data Science and Engineering (Confluence 2017)Proceedings published by IEEE explore library DOI: 10.1109/CONFLUENCE.2017.7943251
84	Sumreti Gupta, Jayesh Kumar	M.Tech (VLSI)	2017	Low to High Voltage Wide Range Level Shifter for Dual Rail operation comprising modification in Revised Wilson Current Mirror	IEEE International Conference on Telecommunication and Networks TELNET, 2017.
85	Anustha, Mahima Gupta, Sukrit Sehgal	B.Tech (ECE)	2017	Companding based technique to improve signal to noise ratio and power dissipation in analog to digital convertor operating at CTDSP	Published in AISC book series of Springer, Indexed in ISI Proceedings, EI-Compendex, DBLP, and Indexed in Scopus.
86	Parth Sharma, Jagriti Raizada, Faraz Ahmad Siddiqui	B.Tech (ECE)	2017	Aadhar card based android application patient monitoring system	Published in AISC book series of Springer, Indexed in ISI Proceedings, EI-Compendex, DBLP, and Indexed in Scopus.

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
87	Ajay Anand, Rajat Kumar Obheroi, Nehal Sk	B.Tech (ECE)	2017	A Navigation Device With Voice For Visually Impaired People	Published in AISC book series of Springer, Indexed in ISI Proceedings, EI-Compendex, DBLP, and Indexed in Scopus.
88	Abhimanyu Tonk	B.Tech (ECE)	2017	Solar Powered Microcontroller Irrigation System	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering DOI: 10.17148/IJIREEICE.2017.5406 Vol 5, Issue 4
89	Mohan Mishra	B.Tech (ECE)	2017	Automatic Screening of Cardiac Disorders using Wavelet Analysis of Heart Sound	IEEE Conference on Electrical, Computer and Electronics Proceedings will be published by IEEE Xplore Digital Library and will be indexed by Scopus.
90	Ashi Agarwal	B.Tech (ECE)	2017	A Region Growing based Imaging Method for Lesion Segmentation from Dermoscopic Images	IEEE Conference on Electrical, Computer and Electronics Proceedings published by IEEE Xplore Digital Library. DOI: 10.1109/UPCON.2017.8251123
91	Ravitej Singh Rekhi	B.Tech (ECE)	2017	Automated detection and grading of Diabetic Macular Edema from digital colour fundus images	IEEE UPCON – IEEE Uttar Pradesh Section annual conference. Proceedings published by IEEE Xplore Digital Library.
92	Ashi Agarwal	B.Tech (ECE)	2017	Automated Computer Vision Method for Lesion Segmentation from Digital Dermoscopic Images	IEEE UPCON – IEEE Uttar Pradesh Section annual conference. Proceedings will be published by IEEE Xplore Digital Library and will be indexed by Scopus.
93	Mohan Mishra	B.Tech (ECE)	2017	An Imaging Method for Automated Detection of Acrylamide in Potato Chips	IEEE UPCON – IEEE Uttar Pradesh Section annual conference. Proceedings will be published by IEEE Xplore Digital Library and will be indexed by Scopus.
94	Akriti Gupta	B. Tech ECE	2017	Analysis of multilayered SAW based gas sensor	IEEE International Conference on Trends in Electronics and Informatics, ICEI 2017, 11-12 May 2017(Accepted & Presented).
95	Nikita Saxena	B. Tech ECE	2017	HDL Implementation of High Performance 16 Bit Processor on FPGA	IEEE 2nd International Conference on Recent Developments in Control, Automation & Power Engineering (RDCAPE-2017), 26-27 Oct 2017.
96	Parth Sharma, Shreekant	B.Tech. ECE	2017	Threshold sensitive Modified LEACH protocol	Springer International Conference on Intelligent Communication, Control and Devices, 2017.Proceedings will be indexed by Scopus.
97	Karush Suri, Mohit Mehta	B.Tech ECE	2017	5.8 GHz Inset-Fed Rectenna for RF Energy Harvesting Applications	IEEE International conference, International Conference on Intelligent Communication and Computational Techniques (ICCT), 2017 .Proceedings published by IEEE Xplore Digital Library and will be indexed by Scopus.
98	Apoorva Bharadwaj, Vijayadarshini	B. Tech. ECE	2017	Design and analysis of beam steering antenna array,	Springer International Conference on Intelligent Communication, Control and Devices, 2017.Proceedings are to be published, with AISC book series of Springer, and indexed by Scopus
99	Parth Sharma, Shreekant	B. Tech. ECE	2017	Design and performance analysis of Four Port Discontinuous patch antenna,	Springer International Conference on Intelligent Communication, Control and Devices, 2017. Proceedings are to be published with AISC book series of Springer , and indexed by Scopus
100	A. Jothi	B.Tech (CSE)	2017	Pest Detection using Adaptive Thresholding	International Conference on Computing Communication and Automation (ICCCA-2017), 2017, Galgotias University. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/CCAA.2017.8229828

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S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
101	Tanmay Vyas and Mayank Thakural	B.Tech (ECE)	2017	Segmentation Techniques for External Defect Detection in Pome Fruits	6th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions) ICRITO 2017, Sep. 20-22, 2017 (Accepted)
102	Yogesh, Dr Ashwani Kumar Dubey, Rajeev Arora and Ashad Ahmed	B.Tech(ECE)	2017	A Comparative Review of Various Segmentation Methods and its Application	6th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions) ICRITO 2017, Sep. 20-22, 2017 (Accepted)
103	Yogesh, Dr Ashwani K. Dubey, Rajeev Arora and Shivkant Yadav	B.Tech (ECE)	2017	A Review and Comprehensive Comparison of Image Denoising Techniques	6th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions) ICRITO 2017, Sep. 20-22, 2017 (Accepted)
104	Sahil	B.Tech (EEE)	2017	Synchronous GMT Based Analog Clock	Application No:201711014581
105	Adityan	B.Tech (CSE)	2017	Smart bed to monitor sleeping baby movement and crying	Application No.201711014581
106	A. Jothi	B.Tech (CSE)	2017	Robotic Window Cleaner	Application No. 201711012583
107	Nivedita Sharma	M.Tech	2017	Design and Charcterization of Bio MEMS Flow Cell Sensor for Lab on-chip Mobile Application	IEEE Conference TEL-NET – 2017
108	Kiran Prashanth	B.Tech	2017	Performance Analysis for Enhancement of Fringing Fields of CPW fed Rectangular Patch Antenna	IEEE Conference RTEICT – 2017, pp. , May 2017 Proceedings published by IEEE Xplore library DOI: 10.1109/RTEICT.2017.8256665
109	Nivedita Sharma	M.Tech	2017	Design, Simulation and a Comparative study of Square, Rectangular, Triangular and Dual Beamed RF MEMS Switch for Switching Applications",	IEEE Conference SPIN 2017, pp. , Feb 2017. Proceedings published by IEEE Xplore library DOI: 10.1109/SPIN.2017.8049958
110	Shraddha Kumari and Shubham Sachan	B.Tech(ECE)	2017	Bandwidth Enhancement of Micro-strip Patch Antenna Using Disconnected U- Shaped Defected Ground Structure	Springer International Conference ICICCD, 2017.Proceedings are to be published with AISC book series of Springer, and indexed by Scopus
111	Karush Suri and Mohit Mohta	B.Tech (ECE)	2017	Design of an Efficient Rectifier circuit based on Karthaus-Fischer voltage multiplier for energy harvesting	Springer International Conference ICICCD, 2017.Proceedings are to be published with AISC book series of Springer, and indexed by Scopus
112	Karush Suri and Mohit Mohta	B.Tech (ECE)	2017	Design of a Dual Band Rectifier Circuit for Drone Powering Applications	IEEE International conference on computing communication and Networking Technologies(ICCCNT 2017), Papers published EI Indexed pp: 1-4 DOI http://doi.ieeecomputersociety.org/10.1109/ICCCNT.2017.8204190
113	Anupama Sahana	B.Tech (EEE)	2017	An Improved Hanger	Application No.-201711010427, Dated: 24-03-2017, New Delhi, India
114	Adityan Jothi and Shudhanshu Kumar	BTech (CSE) BTech (EEE)	2017	Smart Bed to Monitor Sleeping Baby Movement and Crying	Application No.-201711014582, Dated: 25-04-2017, New Delhi, India
115	Adityan Jothi	BTech (CSE)	2017	Pest Detection using Adaptive Thresholding	Accepted in 3rd International Conference on Computing Communication and Automation (ICCCA-2017), IEEE, at Galgotias University, Greater Noida, UP, India, 2017. ISI, Scopus etc. -will be uploaded on IEEExplore soon

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
116	Ayush Sharma	BTech (ECE)	2017	A Non Invasive Tyre Burst Prevention System	Application No.-201711003688
117	Ashmita Gupta	B.Tech	2017	An Imaging Method for Automated Skin Lesion Segmentation using Statistical Analysis and Bit Plane Slicing	4th IEEE International Conference on Computational intelligence and communication technology (CICT-2018) Paper will be published by IEEE Xplore and will be indexed in Scopus and Web-of- Science
118	Mohan Mishra, Anitek Bhattacharjee	B.Tech	2017	A Lossless Model for Generation of Unique Digital Code for Identification of Biometric Images	4th IEEE International Conference on Computational intelligence and communication technology (CICT-2018) Paper will be published by IEEE Xplore and will be indexed in Scopus and Web-of- Science
119	Soorya.M	B.Tech	2017	Automated Localization of Optic Nerve Head in a Fundus Image using Computer Vision Techniques	2017 International Conference on Emerging Trends in Computing and Communication Technologies Paper will be published by IEEE Xplore and will be indexed in Scopus and Web-of- Science.
120	Ashish Khatter & Akshat Browne	B.Tech	2017	Wavelet Based Non-informative Code for Security of Fundus Images	2017 International Conference on Emerging Trends in Computing and Communication Technologies Paper will be published by IEEE Xplore and will be indexed in Scopus and Web-of- Science.
121	Tanya Goel, and Vandana Bhardwaj	B.Tech (ECE)	2017	Hand Activity Detection from Electromyogram using Instantaneous Frequency	IEEE 4th International Conference on Signal Processing and Integrated Networks (SPIN-2017), Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/SPIN.2017.8050022
122	Shipra Singh	M.Tech (ECE)	2017	Rectangular Patch Antenna for S band and X band applications using coaxial feed	International Conference on Signal Processing and Integrated Networks, (SPIN-2017), Proceedings published by IEEE Xplore Digital Library and will be indexed by Scopus.
123	Shipra Singh	M.Tech (ECE)	2017	Wide band Patch Antenna for 5G Applications	International Conference on 'Smart Technologies in Computer and Communication (SmartTech-2017), Proceedings published by IEEE Xplore Digital Library and will be indexed by Scopus
124	Anshu Molly	B.Tech (ECE)	2017	Design and Analysis of Different shape Micro-strip Patch	International Conference on Telecommunication and Networks (TEL-NET 2017), Proceedings published by IEEE Xplore Digital Library and will be indexed by Scopus
125	Shipra Singh	M.Tech	2017	Design and Analysis of Symmetrical Notch S Shape Patch Antenna for Wideband Applications	International Conference on. Reliability, Infocom Technologies and. Optimization (ICRITO 2017), Proceedings published by IEEE Xplore Digital Library and will be indexed by Scopus
126	Mohan Mishra, Anitek Bhattacharjee	B.Tech	2017	Machine Learning based Portable Device for Detection of Cardiac Abnormality	International Conference on Emerging Trends in Computing and Communication Technologies. Paper will be published by IEEE Xplore and will be indexed in Scopus and Web-of- Science.
127	Kartike Khatri, Rutba Mufti	B.Tech	2017	Design of Indispensable Safety Gadget for Harmful Gaseous Detection	International Conference on Recent Trends in Computing ICRTC'17,Dec 14 2017,SRM Institute of Science and Technology Delhi-NCR Campus, Ghaziabad and will be indexed in Scopus
128	Aaradhya Agarwal	B.Tech	2017	Railway Control If Any Obstacle Limiting The Visibility Of Signal Using RF	International Conference on Recent Trends in Computing ICRTC'17,Dec 14 2017,SRM Institute of Science and Technology Delhi-NCR Campus, Ghaziabad and will be indexed in Scopus

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S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
129	Ashish Yadav, Navodit sharma	B.Tech (ECE) + M.Tech(EST)	2017	An Auto replacement system for Drinking water cane.	Application no. 201711029987)22/08/2017
130	Vishu pargain, Pratul Singh, Shekhar Raj Chauhan	B.Tech (ECE)	2017	An efficient Fuzzy and Morphology based approach to metal artifact reduction from dental CBCT image.	International Conference on Computing Communication And Automation (ICCCA2017),5-6 May 2017 Proceedings published by IEEE Xplore Digital Library. DOI: 10.1109/CCAA.2017.8229985
131	Prakriti Aggarwal, Parnika Saxena	B. Tech. ECE	2017	Gain Enhancement of PIFA with DGS for Wireless Communication	3rd International Conference on Applied and Theoretical Computing and Communication Technology. iCATccT - 2017,SSIT Tumkur. Proceedings will be published by IEEE Xplore Digital Library and indexed by Scopus
132	Parnika Saxena, Prakriti Aggarwal	B. Tech. ECE	2017	Analysis of PIFA With Improved Bandwidth & Gain For Wireless Application	3rd International Conference on Applied and Theoretical Computing and Communication Technology. iCATccT - 2017,SSIT Tumkur. Proceedings will be published by IEEE Xplore Digital Library and indexed by Scopus
133	Rohan Kumar, Rishi Jaiswal,	B. Tech. ECE	2017	Performance analysis of networked control system in time varying network", International Conference on "Advancement in Energy, Drive & Control	International Conference on. Advancement in Energy, Drive & Control (ICAEDC-2017), 7-8th April 2017,I.T.S Engineering college Greater Noida,India.
134	Anushka, Abhav Sahdev,	B. Tech. ECE	2017	A Novel Optimal Cluster Head Based energy aware multi path hierarchal routing protocol"	3rd International Conference on Nanotechnology for Instrumentation and Measurement Workshop (NANOfIM 2017), Nov 16-17, 2017, Gautam Buddha University, Greater Noida, India.
135	Pulkit Panday, Arthav Patial	B. Tech. ECE	2017	Performance Evaluation of Cooperative Communication Using Around Torso log normal shadowing model and IEEE 802.16 CM3A Path loss model in WBAN"	3rd International Conference on Nanotechnology for Instrumentation and Measurement Workshop (NANOfIM 2017), Nov 16-17, 2017, Gautam Buddha University, Greater Noida, India..
136	Niveditha Devarajan,	B. Tech. ECE	2017	Critical Analysis of Amplification Factor on the performance of Amplify and Forward signaling Technique in WSN	3rd International Conference on Nanotechnology for Instrumentation and Measurement Workshop (NANOfIM 2017), Nov 16-17, 2017, Gautam Buddha University, Greater Noida, India.
137	Karush Suri, Mohit Mohta,	B. Tech. ECE	2017	A 5.8 GHz Inset-Fed Rectenna for RF Energy Harvesting Applications	IEEE International Conference On Intelligent Communication And Computational Techniques, ICCT 2017, organized by Manipal University Jaipur, Dec 22-23, 2017, Jaipur, India.
138	Akhil Pillai	B. Tech (CSE)	2017	User Feedback Based Test Suite Management: A Research Framework	1st International Conference on Smart Systems, Innovations and Computing (SSIC-2017), April 2017. Proceedings published by Springer and indexed in Scopus. https://doi.org/10.1007/978-981-10-5828-8_78
139	Shivam Mehta, Akshay Mehta	B. Tech (CSE)	2017	Requirement Reusability Practices: An Empirical Study	Joint International Conference on Interdisciplinary Research and 8th International Conference on Quality, Reliability, Infocom Technology and Business Operations" (JIRICQRIT – 2017), February 2017. Proceedings will be published by Springer and will be indexed in Scopus

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
140	Siddharth Sethi	B. Tech (CSE)	2017	Decision Aspect Prioritisation Technique For Incremental Software	Joint International Conference on Interdisciplinary Research and 8th International Conference on Quality, Reliability, Infocom Technology and Business Operations" (JIRICQRIT – 2017), February 2017. Proceedings published by Springer and indexed in Scopus.
141	Yatin Vij	B. Tech (CSE)	2017	Towards Analysis of Requirement Prioritization based Regression Testing Techniques	Joint International Conference on Interdisciplinary Research and 8th International Conference on Quality, Reliability, Infocom Technology and Business Operations" (JIRICQRIT – 2017), February 2017. Proceedings will be published by Springer and will be indexed in Scopus.
142	Vijul Tyagi	B. Tech (CSE)	2017	An Empirical Study of Change Request Management Practices of Software Industries	Joint International Conference on Interdisciplinary Research and 8th International Conference on Quality, Reliability, Infocom Technology and Business Operations" (JIRICQRIT – 2017), February 2017, Proceedings will be published by Springer and will be indexed in Scopus.
143	Raunak Kapoor	B. Tech (CSE)	2017	An Empirical Study of Cabs Preferences of Customers	Joint International Conference on Interdisciplinary Research and 8th International Conference on Quality, Reliability, Infocom Technology and Business Operations" (JIRICQRIT – 2017), February 2017. Proceedings will be published by Springer and will be indexed in Scopus
144	Apoorva Chaudhary	B. Tech (CSE)	2017	Handwritten Hindi Numeric Character Recognition and comparison of algorithms	7th International Conference on Cloud Computing, Data Science and Engineering, Confluence-2017, January 2017. Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/CONFLUENCE.2017.7943116
145	Pooja Maheshwari	B. Tech (CSE)	2017	Automated Transcription of Instrumental Music Using SheetScore Mapping API and Fuzzy Classification Technique	7th International Conference on Cloud Computing, Data Science and Engineering, Confluence-2017, January 2017 Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/CONFLUENCE.2017.7943135
146	Siddhant Bansal	B. Tech (CSE)	2017	Comparative Analysis of Joint Encryption and Watermarking Algorithms for Security of Biomedical Images	7th International Conference on Cloud Computing, Data Science and Engineering, Confluence-2017, January 2017, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/CONFLUENCE.2017.7943224
147	Umang Garg	M. Tech (CSE)	2017	Software Requirement Prioritization based on Non-functional Requirement	7th International Conference on Cloud Computing, Data Science and Engineering, Confluence-2017, January 2017, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/CONFLUENCE.2017.7943258
148	Sayam	B. Tech (CSE)	2017	A Review on Knowledge extraction for Business operations using Data Mining	7th International Conference on Cloud Computing, Data Science and Engineering, Confluence-2017, January 2017, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/CONFLUENCE.2017.7943205
149	Dahiya, A	B. Tech (CSE)	2017	Climate change analysis to study land surface temperature trends	Third International Conference on Computational Intelligence and Communication Technology, February 2017, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/CIACT.2017.7977374

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S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
150	Shweta Srivastava,	B. Tech (CSE)	2017	Safety and Security in Smart Aditya BishtCities using Artificial Intelligence-A review	7th International Conference on Cloud Computing, Data Science and Engineering, Confluence-2017, January 2017, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/CONFLUENCE.2017.7943136
151	Aashi Singh	B. Tech (CSE)	2017	Analysis on Data Mining Model for Internet of Things	International conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/I-SMAC.2017.8058313
152	Tuhena Sen	B. Tech (CSE)	2017	Contrastive Study of Simple Page Ranking HITS and Weighted Page Rank Algorithms: Reviews	7th International Conference on Cloud Computing, Data Science and Engineering, Confluence-2017, January 2017, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/CONFLUENCE.2017.7943245
153	Sagardeep Roy	M. Tech (CSE)	2017	Emerging Trends in Application of Big data in Educational Data Mining and Learning Analytics	7th International Conference on Cloud Computing, Data Science and Engineering, Confluence-2017, January 2017, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/CONFLUENCE.2017.7943148
154	Annu Kumari	M. Tech (CSE)	2017	Online Influence Maximization Using Rapid Continuous Time Independent Cascade Model	7th International Conference on Cloud Computing, Data Science & Engineering, Confluence-2017, January 2017, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org/10.1109/CONFLUENCE.2017.7943175
155	Akansha Mishra	M. Tech (CSE)	2017	Educational Data Mining and Learning Analysis for analyzing students overall performance	7th International Conference on Cloud Computing, Data Science & Engineering, Confluence-2017, January 2017, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus DOI: 10.1109/CONFLUENCE.2017.7943201
156	Rashmi Rupam	M. Tech (CSE)	2017	5G-A Deep Insight and its Future in India	7th International Conference on Cloud Computing, Data Science and Engineering, Confluence-2017, January 2017, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/CONFLUENCE.2017.7943244
157	Anshika Sharma, Palak Khurana	M. Tech (CSE)	2017	Protection of Software against various attacks: Issues and Challenges	3rd International Conference on Recent Developments in Science, Engineering and Technology (REDSET-2016), October, 2016, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus • https://doi.org/10.1007/s40012-016-0097-9
158	Anshika Sharma, Palak Khurana	M. Tech (CSE)	2017	Threat Detection for Software Vulnerability using DE based Adaptive Approach	2nd International Conference on Soft Computing: Theories and Applications (SOCTA-2016), December 2016. Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1007/978-981-10-5699-4_52
159	Palak Khurana, Anshika Sharma	M. Tech (CSE)	2017	Protection from Spoofing Attacks using Honeypot in Wireless Ad hoc Environment	2nd International Conference on Soft Computing: Theories and Applications (SOCTA-2016), December 2016, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1007/978-981-10-5699-4_51
160	Annu Kumari	M. Tech (CSE)	2017	Key Community Analysis In Scientific Collaboration Network	International Conference on Computing Communication and Automation, 5-6th May-2017, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/CCAA.2017.8229886

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
161	Uzair Asad	M. Tech (CSE)	2017	Recent Advancement in Facial Expression Recognition System: A Survey	International Conference on Computing Communication and Automation, 5-6th May-2017, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/CCAA.2017.8229981
162	Anant Jain	B. Tech (CSE)	2017	Identifying Concavity Laws of Attractiveness Character for Composite Regions	International Conference on Computing Communication and Automation, 5-6th May-2017, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/CCAA.2017.8229994
163	Anshika Sharma	M. Tech (CSE)	2017	Innovative approach based on Skull Stripping for MRI images of Human Brain	2nd International Conference on Telecommunication and Network TELNET 2017, 10-11th August-2017 , Amity University Uttar Pradesh, Proceedings will be published by IEEE Xplore Digital Library and indexed in Scopus
164	Heena Gupta	B. Tech (CSE)	2017	Ranking of Educational Websites in Indian Perspective for Usability Evaluation	International Conference on Intelligent Communications, Control and Devices, ICICCD-17, April 2017, Proceedings will be published by Springer and indexed in Scopus
165	Shivani Gupta	B. Tech (CSE)	2017	Adaptability Evaluation of E-Commerce Websites in Indian Perspective	International Conference on Intelligent Communications, Control and Devices, ICICCD-17, April 2017, Proceedings will be published by Springer and indexed in Scopus
166	Kirti Sharawat	M. Tech (CSE)	2017	Diet Recommendation for Diabetic Patients using MCDM Approach	International Conference on Intelligent Communications, Control and Devices, ICICCD-17, April 2017, Proceedings will be published by Springer and indexed in Scopus
167	Prachi	M. Tech (CSE)	2017	PRASAN : A Decision Making Model for the Selection of Best Course Delivery System for Rural India	International Conference on Computing for Sustainable Global Development, INDIACom-2017, March 2017, Proceedings will be published by IEEE Xplore Digital Library and indexed in Scopus
168	Aryaman Gupta	B. Tech (CSE)	2017	Cloud Infrastructure and Obstacles: An Analytical Approach	International Conference on Computing for Sustainable Global Development, INDIACom-2017, March 2017, Proceedings will be published by IEEE Xplore Digital Library and indexed in Scopus
169	Rishika Jain	B. Tech (CSE)	2017	Analytical Approach of Fractals in Image Compression and Encryption Issues	International Conference on Computing for Sustainable Global Development, INDIACom-2017, March 2017, Proceedings will be published by IEEE Xplore Digital Library and indexed in Scopus
170	Ruchika Singh	M. Tech (CSE)	2017	Metrics Based Usability Evaluation for Academic Digital Library Using AHP and Entropy Method	International Conference on Computing for Sustainable Global Development, INDIACom-2017, March 2017, Proceedings will be published by IEEE Xplore Digital Library and indexed in Scopus
171	Aryamann Gupta	B. Tech (CSE)	2017	Fuzzy Nutrition Recommendation System for Diabetic Patients	International Conference on Intelligent Communications, Control and Devices, ICICCD-17, April 2017, Proceedings will be published by Springer and indexed in Scopus
172	Prachi	M. Tech (CSE)	2017	Analytical Study and Model Proposal of Educational Robotics in Indian Context	International Conference on Computing for Sustainable Global Development, INDIACom-2017, March 2017, Proceedings will be published by IEEE Xplore Digital Library and indexed in Scopus

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S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
173	Arpita Chaturvedi	M. Tech (CSE)	2017	Software Reusability Assessment of Component based System using Fuzzy Index Approach	International Conference on Computing for Sustainable Global Development, INDIACom-2017, March 2017, Proceedings will be published by IEEE Xplore Digital Library and indexed in Scopus
174	Kirti Sharawat	M. Tech (CSE)	2017	Designing Framework for Security in E-learning using Web Mining	International Conference on Computing for Sustainable Global Development, INDIACom-2017, March 2017, Proceedings will be published by IEEE Xplore Digital Library and indexed in Scopus
175	Kriika Puri	B. Tech (CSE)	2017	Fuzzy Model Approach to Evaluate the Usability of the Software Systems	International Conference on Computing for Sustainable Global Development, INDIACom-2017, March 2017, Proceedings will be published by IEEE Xplore Digital Library and indexed in Scopus
176	Heena Saxena	B. Tech (CSE+MBA)	2017	An Effective Approach of Differtial Evolution and Particle Swarm Optimization	1st International Conference on Smart Computing and Informatics (SCI), March 2017, Proceedings will be published by Springer and indexed in Scopus
177	A. Jayaram	B. Tech (CSE)	2017	An Enterprise Resource Management Model for Business Intelligence, Data Mining and Predictive Analytics	7th International Conference on Cloud Computing, Data Science and Engineering, Confluence-2017, January 2017, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/CONFLUENCE.2017.7943200
178	F. Gupta	B. Tech (CSE)	2017	Sentiment Analysis of the Demonitization of Economy 2016 India, Regionwise	7th International Conference on Cloud Computing, Data Science and Engineering, Confluence-2017, January 2017, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/CONFLUENCE.2017.7943240
179	Aakriti Singh, Ankita Singh	B. Tech (CSE)	2017	Analyzing Titanic Disaster Using Machine Learning Algorithms	International Conference on Computation, Communication, and Automation, 5-6 May 2017, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/CCAA.2017.8229835
180	Anshuman, Shivani Rao	B.Tech (CSE)	2017	A rating approach based on sentiment analysis	7th International Conference on Cloud Computing, Data Science and Engineering, Confluence-2017, January 2017, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/CONFLUENCE.2017.7943213
181	Pooja Pant	M. Tech (CSE)	2017	Analytical Planning and Implementation of Big Data Technology Working at enterprise level	4th International conference on information system design and intelligent applications(INDIA - 2017) 15th - 17th, June, 2017, Duy Tan University, da Nang, Vietnam, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1007/978-981-10-7512-4_104
182	Sobia Amin	M. Tech (CSE)	2017	"Identification and Classification of Neuro-degenerative Diseases using Statistical Features and Support Vector Machine Classifier	8th International Conference On Computing, Communication And Networking Technologies (ICCCNT), Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/ICCCNT.2017.8204068
183	Deepshikha Sethi	M. Tech (CSE)	2017	Comparative Analysis of A Recommender System Based on Ant Colony Optimization and Artificial Bee Colony Optimization Algorithms	8th International Conference On Computing, Communication And Networking Technologies (ICCCNT), Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/ICCCNT.2017.8204106

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
184	Surbhi Gupta	M. Tech (CSE)	2017	Phishing URL Detection by usingArtificial Neural Network with PSO	2nd International Conference on Telecommunication and Networks (TELNET 2017). Presented and will be published in IEEE Xplore digital library and indexed in Scopus.
185	Vishal Kumar Singh	B. Tech (CSE)	2017	Spam Mail Detection using Classification Techniques and Global Training Set	Second International Conference on Intelligent Computing and Communication ICICC 2017, Proceedings published by Springer and indexed in Scopus https://doi.org/10.1007/978-981-10-7245-1_61
186	Jyoti Mangla	M. Tech(CSE)	2017	Cluster based Energy Efficient Communication in Underwater Wireless Sensor Networks	1st International Conference on Smart Systems, Innovations and Computing, April, 2017, Proceedings published by Springer and indexed in Scopus https://doi.org/10.1007/978-981-10-5828-8_1
187	Nishit Walter	M. Tech(CSE)	2017	SEE THROUGH approach for the solution to node mobility issue in Underwater Sensor Network (UWSN)	1st International Conference on Smart Systems, Innovations and Computing, April, 2017, Proceedings published by Springer and indexed in Scopus https://doi.org/10.1007/978-981-10-5828-8_3
188	Jyoti Mangla	M. Tech(CSE)	2017	Analysis of Mobility Aware Routing Protocol for Underwater Wireless Sensor Network	1st International Conference on Smart Systems, Innovations and Computing, April, 2017, Proceedings published by Springer and indexed in Scopus https://doi.org/10.1007/978-981-10-5828-8_4
189	Kamanasish Bhattacharjee, Rupanshu Goyal	M. Tech(CSE)	2017	Block Matching Algorithm Based on Hybridization of Artificial Bee Colony and Differential Evolution for Motion Estimation in Video Compression	1st International Conference on Smart Systems, Innovations and Computing, April, 2017, Proceedings published by Springer and indexed in Scopus https://doi.org/10.1007/978-981-10-5828-8_9
190	Karan Gupta	B. Tech(CSE)	2017	IoT Based Solution for Food Adulteration	1st International Conference on Smart Systems, Innovations and Computing, April, 2017, Proceedings published by Springer and indexed in Scopus https://doi.org/10.1007/978-981-10-5828-8_2
191	Soikat Chakrabarty,	B. Tech(CSE)	2017	Arduino Controlled Chessboard	1st International Conference on Smart Systems, Innovations and Computing, April, 2017, Proceedings published by Springer and indexed in Scopus https://doi.org/10.1007/978-981-10-5828-8_5
192	Harsh Tyagi	B. Tech(CSE)	2017	Enhanced Online Hybrid Model for Online Fraud Prevention and Detection	1st International Conference on Smart Systems, Innovations and Computing, April, 2017, Proceedings published by Springer and indexed in Scopus https://doi.org/10.1007/978-981-10-5828-8_10
193	Rakshit Jain	B. Tech(CSE)	2017	Robust and Efficient Routing in Three-Dimensional Underwater Sensor Network	1st International Conference on Smart Systems, Innovations and Computing, April, 2017, Proceedings published by Springer and indexed in Scopus https://doi.org/10.1007/978-981-10-5828-8_11
194	Sanchit Bhasin	B. Tech(CSE)	2017	Smart city implementation model based on IOT Technology	International Conference on Big Data Analytics and Computational Intelligence ICBDACI 2017, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/ICBDACI.2017.8070836
195	Rishika Shree	B. Tech(CSE)	2017	KAFKA: The modern platform for data management and analysis in big data domain	2nd International Conference on Telecommunication and Network TELNET 2017, 10-11th August-2017, Amity University Uttar Pradesh, Proceedings will be published by IEEE Xplore Digital Library and will be indexed in Scopus

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S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
196	Garv Saxena	B. Tech(CSE)	2017	Enhanced security protocol for mobile computation offloading and accessing data offline	International Conference On Smart Technologies For Smart Nation (SmartTechCon2017),17-19th August 2017, Proceedings will be published by IEEE Xplore Digital Library and will be indexed in Scopus
197	Rashmi Bharaduaj	M. Tech (CSE)	2017	Human Activity recognition in Real world	2nd International Conference on Telecommunication and Network TELNET 2017, August-2017, Proceedings will be published by IEEE Xplore Digital Library and will be indexed in Scopus
198	Aarti	M. Tech (CSE)	2017	Patch-based texture synthesis using differential evolution	8th International Conference on Computing Communication and Networking Technologies, July 2017, ICCCNT 2017 , Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/ICCCNT.2017.8204010
199	Sobia Amin	M. Tech (CSE)	2017	Identification and Classification of Neuro-degenerative Diseases using Feature selection through PCA-LDA	4th IEEE UP Section Conference on Electrical, Computer and Electronics (UPCON 2017) October 2017, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/UPCON.2017.8251114
200	Kamanasish Bhattacharjee	M. Tech (CSE)	2017	An Improved Block Matching Algorithm for Motion Estimation in Video Sequences and Application in Robotics	Computers and Electrical Engineering, Elsevier Journal Volume 68, May 2018, Pages 92–106 https://doi.org/10.1016/j.compeleceng.2018.03.045
201	Garima Agrawal	B. Tech (CSE)	2017	Fuzzy Appraisal Approach for Maintainability Assessment of Software System	2nd International Conference on Telecommunication and Networks, TEL-NET 2017, August,2017, Proceedings will be published by IEEE Xplore Digital Library and indexed in Scopus
202	Ritika Bhateja, Ashutosh Bhatt	B. Tech (CSE)	2017	A Patient Centric Healthcare Model Based on Health Recommender Systems	5th International Conference on Advanced Computing, Networking, and Informatics, ICACNI –June 2017, Proceedings will be published by IEEE Xplore Digital Library and indexed in Scopus
203	Shivani Singh, Harsh Chaudhary	B. Tech (CSE)	2017	Evaluation of reliability of critical software system using fuzzy approach	International Journal of System Assurance Engineering and Management, Springer, March 2017, ISSN 0975-6809, https://doi.org/10.1007/s13198-017-0603-y
204	Bhat Jasra	M. Tech (CSE)	2017	Reliability Assessment of Component based Software Systems using Fuzzy and ANFIS Techniques	International Journal of System Assurance Engineering and Management, Springer, March 2017, ISSN 0975-6809, https://doi.org/10.1007/s13198-017-0602-z
205	Mahendra Pratap Singh	B. Tech (CSE)	2017	Recommendation of Diet to Anaemia Patient on the basis of Nutrients using AHP and Fuzzy TOPSIS Approach	International Journal of Intelligent Engineering and Systems, Vol.10, No.4, August, 2017 https://doi.org/10.22266/ijies2017.0831.11
206	Shubhanshhi Saini	B. Tech (CSE)	2017	Recommendation of Diet to Jaundice Patient on the basis of Nutrients using AHP and Fuzzy AHP Technique	International Journal of Intelligent Engineering and Systems Vol.10, No.4, August, 2017 DOI: https://doi.org/10.22266/ijies2017.0831.10
207	Heena Handa	B. Tech (CSE)	2017	Approach to Reduce Operational Risks in Business Organizations	Information and Communication Technology for Sustainable Development. Lecture Notes in Networks and Systems, vol 10. Springer, Singapore https://doi.org/10.1007/978-981-10-3920-1_13

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
208	Roohi Arora	B. Tech (CSE)	2017	Analysis of Software Repositories Using Process Mining	Smart Computing and Informatics. Smart Innovation, Systems and Technologies, vol 78. Springer, Singapore, indexed in Scopus https://doi.org/10.1007/978-981-10-5547-8_65
209	Devansh Chopra, Ekta Sharrma	B. Tech (CSE)	2017	Comparison Between Gaming Consoles and Their Effects on Children	Soft Computing: Theories and Applications. Advances in Intelligent Systems and Computing, vol 584. Springer, Singapore, indexed in Scopus https://doi.org/10.1007/978-981-10-5699-4_54
210	Roopal Choudhary	M. Tech (CSE)	2017	Predictive Analytics for LAMA and Absconding Behaviour of Patient	Smart Computing and Informatics. Smart Innovation, Systems and Technologies, vol 78. Springer, Singapore, indexed in Scopus https://doi.org/10.1007/978-981-10-5547-8_66
211	Sagardeep Roy	M. Tech (CSE)	2017	Predicting academic performance of student using classification techniques	4th IEEE Uttar Pradesh Section International Conference, Published in IEEE Digital Library and indexed in Scopus https://doi.org/10.1109/UPCON.2017.8251112
212	Sagardeep Roy	M. Tech (CSE)	2017	Analyzing performance of students by using data mining techniques a literature survey	4th IEEE Uttar Pradesh Section International Conference, Published in IEEE Digital Library and indexed in Scopus https://doi.org/10.1109/UPCON.2017.8251035
213	Deepshika Nagpal and Rashi Srivastava	B. Tech (IT)	2017	Feature Selection Approach for Reducing The Power Consumption For a Greener Environment	2nd International Conference on Telecommunication and Networks (TELNET- 2017) 10th -11th August, 2017. Proceedings will be published in IEEE Xplore and will be indexed in Scopus
214	Sakshi Goel	M.Tech (IT)	2017	Mobile Applications Usability Parameters: Taking an Insight View	Information and Communication Technology for Sustainable Development. Published in Lecture Notes in Networks and Systems, Springer, Singapore, DOI 10.1007/978-981-10-
215	Neha gaur	Mtech (IT)	2017	Survey Based Solution Proposal To Key Management For Unique Identification	International Conference on Innovative Research in Engineering and Science (IRES 2017), 16th -17th June, 2017. Paper will be published in Scopus Indexed Journal
216	Divya Lal, Adiba Abidin	M.Tech (IT)	2017	E-Commerce website design improvement based on web usage mining	International Journal of Control Theory and Applications, Vol 10, issue 15, International Science Press, 2017, p.p 187-193, ISSN 0974-5572
217	Ratnakar Kumar	B. Tech (IT)	2017	Determination of factors influencing Contestant Behavior in Competitive Development	2017 IEEE International Conference on Inventive Computing and Informatics 23rd – 24th November, 2017. Proceedings will be published in IEEE Xplore and will be indexed in Scopus
218	Manisha Ranwa, Gargi Mehrotra	M.Tech. (CN&IS)	2017	Novel leader election algorithm using buffer	2nd International Conference on Telecommunication and Networks, TELNET- 2017 10th -11th August, 2017. Proceedings will be published in IEEE Xplore and will be indexed in Scopus
219	Sakshi Garg, Varsha Singh	M.Tech. (CN&IS)	2017	A Novel Approach for Efficient Bandwidth Utilization in Transport Layer Protocols	International Conference on Computational Intelligence and Informatics-2017 (ICCII-2017) 25th-27th Sept. 2017. Proceedings will be Published in AISC series of Springer.
220	Shivam Barthwal	B. Tech (IT)	2017	Source Code Management Using Version Control System	6th International Conference on Reliability, Infocom Technologies and Optimization (ICRITO 2017) 22nd - 24th September 2017. Proceedings will be published in IEEE Xplore and will be indexed in Scopus

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
221	Anshul Chabra,	B. Tech (IT)	2017	Application and use of mcdm Bhakti Singhtechnique in software industry	2017 International Conference on Infocom Technologies and Unmanned Systems (ICTUS'2017) 18th -20th December, 2017. Proceedings will be published in IEEE Xplore and will be indexed in Scopus
222	Mayank Choudhary, Vaishali Tyagi	B. Tech (IT)	2017	Comparison between smart phones on the basis of their reliability factors	2017 International Conference on Infocom Technologies and Unmanned Systems (ICTUS'2017) 18th -20th December, 2017. Proceedings will be published in IEEE Xplore and will be indexed in Scopus
223	Shivam Barthwal	B. Tech (IT)	2017	Source Code Management Using Version Control System	6th International Conference on Reliability, Infocom Technologies and Optimization (ICRITO 2017) 22nd - 24th September 2017. Proceedings will be published in IEEE Xplore and will be indexed in Scopus
224	Shashwat Pathak	B. Tech (IT)	2017	Pervasive Security of Internet Enabled Host Services	International Conference on Current Trends in Computer, Electrical, Electronics and Communication" (ICCTCEEC) 8th -9th September, 2017. Proceedings will be published in IEEE Xplore and will be indexed in Scopus
225	Aashie Roy Saxena	B. Tech (IT)	2017	A Study and Comparison of Prediction Algorithms for Depression Detection among Millennials: A Machine Learning Approach	International Conference on Current Trends in Computer, Electrical, Electronics and Communication" (ICCTCEEC) 8th -9th September, 2017. Proceedings will be published in IEEE Xplore and will be indexed in Scopus
226	Ratnakar Kumar	B. Tech (IT)	2017	Evaluating Usability of a Web Application: A comparative analysis of open-source tools	2017 2nd International Conference on Communication and Electronics Systems 19th -20th October, 2017 Proceedings will be published in IEEE Xplore and will be indexed in Scopus
227	Shruti Sharma	M.Tech (SE)	2017	Investigating Key Areas of Research in Crowdsourcing Software Development	3rd International Conference on Computing Communication Control and Automation (ICCUBEA 2017) 17th -18th August, 2017. Proceedings will be published in IEEE Xplore and will be indexed in Scopus
228	Pankit Arora, Akshath Dhar, Tushar Singh	B.Tech. (IT)	2017	Abandoned object identification and detection system for railways in India	2017 International Conference on Emerging Trends in Computing and Communication Technologies (ICETCCT), 2017, pp. 1-5. Proceedings are published in IEEE Xplore and will be indexed in Scopus.
229	Surbhi Paltani, Avi Bhardwaj	B.Tech. (IT)	2017	Compute the Requirements and Need of an Online Donation Platform for Non-Monetary Resources using Statistical Analyses	International Conference on Innovations in Computer Science and Engineering (ICICSE) held on 18th -19th August, 2017. Published in Innovations in Computer Science and Engineering. Lecture Notes in Networks and Systems, Springer, Singapore
230	Shreya Srivastava	B.Tech. (IT)	2017	Debugging Approaches on various Software Processing Levels	International conference of Electronics,Communication and Aerospace Technology (ICECA 2017) 20th -22nd April, 2017. Proceedings will be published in IEEE Xplore and will be indexed in Scopus
231	Niharika Piplani, Abhishek Wadhwa and Urjaa Bhatnagar	B.Tech. (IT)	2017	Reputation Management Using Social Media	International conference of Electronics, Communication and Aerospace Technology (ICECA 2017) 20th -22nd April, 2017. Proceedings will be published in IEEE Xplore and will be indexed in Scopus
232	Fredricka Joyous Masih	M.Tech (IT)	2017	Analyzing E-Commerce website using Google Analytics Tool to enhance Customer Interaction	International Conference on Information, Communication & Computing Technology (ICICCT – 2017) 13th May, 2017. Proceedings will be published in Springer CCIS series.

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
233	Rajneesh Tanwar, Krishna Kanth Gupta	M.Tech (CN&IS)	2017	Decentralized Content Downloading Service: Intelligent Way of Traffic Congestion Control	International Conference on Cloud Computing, Data Science & Engineering (Confluence 2017). Proceedings will be published in IEEE Xplore and will be indexed in Scopus
234	Hemant Kumar, Ila Verma, Pratima Singh	B. Tech. (ECE)	2017	Maple leaf planar fractal antenna for energy harvesting applications	International Conference on Intelligent Communication, Control and Devices, Proceedings published by Springer https://doi.org/10.1007/978-981-10-1708-7_107
235	Shivangi Gupta	B.Tech (IT)	2017	Authentication through Electrocardiogram Signals based on Emotions- a Step towards ATM Security	6th International Conference on Reliability, Infocom Technologies and Optimization (ICRITO 2017) 22nd - 24th September 2017. Proceedings will be published in IEEE Xplore and will be indexed in Scopus
236	Shruti Sharma	M.Tech (SE)	2017	An Exploratory Study on perception of Indian Crowd Towards Crowdsourcing Software Development	International Conference on computing, communication and Automation 15th -16th September, 2017. Proceedings will be published in IEEE Xplore and will be indexed in Scopus
237	Shweta	M.Tech (IT)	2017	Cyber threats and its impact on e-commerce sites	2nd International Conference on Sustainable Computing Techniques in Engineering, Science and Management (SCESM 2017) 27th -28th January, 2017. published in International Journal of Computer Technology and Applications
238	Divya Lal, Adiba Abidin	M.Tech (IT)	2017	Efficient technique for advertisement in India	2nd International Conference on Sustainable Computing Techniques in Engineering, Science and Management (SCESM 2017) 27th -28th January, 2017. published in International Journal of Computer Technology and Applications
239	Priyal Chotwani, Yash Anand	B. Tech (IT)	2017	Analysis of security threats in mobile using case study of android operating system	2nd International Conference on Sustainable Computing Techniques in Engineering, Science and Management (SCESM 2017) 27th -28th January, 2017. published in International Journal of Computer Technology and Applications
240	Rashbir Singh,	B. Tech (IT)	2017	Techeye for visually impaired using internet of things	2nd International Conference on Sustainable Computing Techniques in Engineering, Science and Management (SCESM 2017) 27th -28th January, 2017. published in International Journal of Computer Technology and Applications
241	Divya Lal, Adiba Abidin	M.Tech (IT)	2017	E-commerce website design improvement based on web usage mining	2nd International Conference on Sustainable Computing Techniques in Engineering, Science and Management (SCESM 2017) 27th -28th January, 2017. published in International Journal of Computer Technology and Applications
242	Hina Gupta	M. Tech. (IT) weekend	2017	Interpretive Structure Modeling For Feature Dependency In Sentiment Analysis	Confluence-2017:7th International Conference on Cloud Computing, Data Science & Engineering 12th -13th January, 2017. Proceedings is published in IEEE Xplore and indexed in Scopus
243	Noshiba Nazir	M. Tech. (IT)	2017	Barriers to Agile Adoption: A Developers Perspective	Joint International Conference on Interdisciplinary Research and 8th International Conference on Quality, Reliability, Infocom Technology and Business Operations (JIRICQRIT 2017) 8th -10th February, 2017. Proceedings will be published by Springer

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S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
244	Sakshi Garg,	M.Tech (CN&IS)	2017	A Study on Shape Angadpreet Walia& (M.Tech IT) Detection: An Unexplored Parameter in the Gall Stones Identification	1st International Conference on Smart Systems, Innovations and Computing (SSIC-2017) 15th -16th April, 2017. Proceedings of First International Conference on Smart System, Innovations and Computing. Smart Innovation, Systems and Technologies, Springer, Singapore
245	Adiba Abidin, Divya Lal	M.Tech (CN&IS) & (M.Tech IT)	2017	Advanced Crowd Management using ICT for just in time monitoring and real time alerts	Confluence-2017:7th International Conference on Cloud Computing, Data Science & Engineering 12th -13th January, 2017. Published in IEEE Xplore and indexed in Scopus
246	Shreya Aliwadi Vrinda Shandila, Tanisha Gahlawat	B. Tech (IT)	2017	Diagnosis of Diabetic nature of a Person using SVM and ANN Approach	6th International Conference on Reliability, Infocom Technologies and Optimization (ICRITO 2017) 22nd -24th September 2017. Proceedings will be published in IEEE Xplore and will be indexed in Scopus
247	Tanisha Gahlawat,	B. Tech (IT)	2017	The Relationship between User Preferences in Interactive Information Retrieval Evaluation	6th International Conference on Reliability, Infocom Technologies and Optimization (ICRITO 2017) 22nd -24th September 2017. Proceedings will be published in IEEE Xplore and will be indexed in Scopus
248	Angadpreet Singh Walia, Tanisha Gahlawat	M.Tech (IT) & B. Tech (IT)	2017	An Emperical Study: Relevance Feedback in Information Retrieval Systems	International Conference on Current Trends in Computer, Electrical, Electronics and Communication" (ICCTCEEC) 8th -9th September, 2017. Proceedings will be published in IEEE Xplore and will be indexed in Scopus
249	Ms. Vani Bhargava	PhD (EEE)	2017	A Methodology for 11-Level AC Output Voltage Generation for Stand-Alone/ Grid Tied Solar PV Applications	IEEE conference on Recent Development in Control and Power Engineering (RDCAPE-2017), India, 2017. Proceedings will be published by IEEE Xplore Digital Library indexed in Scopus.
250	Ms. Swati Paliwal	PhD (EEE)	2017	Performance Optimization of Self-Excited Induction Generator-A State of Art	IEEE conference on Recent Development in Control and Power Engineering (RDCAPE-2017), India, 2017. Proceedings will be published by IEEE Xplore Digital Library indexed in Scopus.
251	Ms. Archna Singh	M. Tech.(Power Systems)	2017	An optimized smart switch hybrid renewable system with battery storage system	IEEE Uttar Pradesh International Conference on Electrical, Computer and Electronics (UPCON 2017), pp. 162-168, India, 2017. Proceedings will be published by IEEE Xplore Digital Library indexed in Scopus. DOI: 10.1109/UPCON.2017.8251041
252	Mr. Koteswar Rao	PhD (EEE)	2017	Tracking of Impedance Trajectory for Distance Protection using Neural Networks	IEEE Uttar Pradesh International Conference on Electrical, Computer and Electronics (UPCON 2017), pp. 289-294, India, 2017. Proceedings published by IEEE Xplore Digital Library indexed in Scopus. DOI: 10.1109/UPCON.2017.8251062
253	Mr. Gaurav Cauhan	M. Tech. (Power Systems)	2017	Solving Economic Load Dispatch Problem using Lambda Iteration Method	1st International Conference, Intelligent Systems and Information Management (ICISIM-17), India, 2017. Proceedings will be published by IEEE Xplore Digital Library indexed in Scopus.
254	Ms. Yogita Drivedi	M. Tech. (Control Systems)	2017	Robust Control of Integrated Renewable Energy Systems", International Conference on Computing	International Conference on Computing, Communication and Automation, (ICCCA-17), India, 2017. Proceedings will be published by IEEE Xplore Digital Library indexed in Scopus.

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
255	Mr. Nishant Saxena	B. Tech.(EEE)	2017	Multiple Motor Synchronization using Nonlinear PID Control	3rd IEEE International Conference on Advances in Computing, Communication and Automation (ICACCA-2017), India, 2017. Proceedings will be published by IEEE Xplore Digital Library indexed in Scopus.
256	Ms. Barnadipti Debnath	M. Tech.	2017	Effect of Selection of Weighting (Contol Systems) Functions on the Robust Control of DC Motor	IEEE International Conference, Nano Technology for Instrumentation and Measurement (NANOFIM), India, 2017. Proceedings will be published by IEEE Xplore Digital Library indexed in Scopus.
257	Mr. Salil Sharma	M. Tech. (Power Systems)	2017	Power Output of DFIG Wind Turbines and Frequency Regulation of a Linearized Model	IEEE International Conference, Nano Technology for Instrumentation and Measurement (NANOFIM), India, 2017. Proceedings will be published by IEEE Xplore Digital Library indexed in Scopus.
258	Ms. Ritika Arora	PhD (EEE)	2017	Series FACTS Controllers for Power Oscillations Damping of Power System	IEEE conference on Recent Development in Control and Power Engineering (RDCAPE-2017), India, 2017. Proceedings will be published by IEEE Xplore Digital Library indexed in Scopus.
259	Ritika Arora	PhD (EEE)	2017	Low Frequency Oscillations damping for Perturbed Power Systems: Review	3nd Springer International Conference on Recent Developments in Science, Engineering and Technology (REDSET 2016), Pages:88-102, India, Proceedings published by ISR Journals indexed in Scopus
260	Mr. Shubham Rajput	M. Tech. (Power Systems)	2017	Adaptive power management of hybrid electric vehicle with neural based PID controller	IEEE Uttar Pradesh International Conference on Electrical, Computer and Electronics (UPCON 2017), pp. 505-511, India, 2017. Proceedings published by IEEE Xplore Digital Library indexed in Scopus. DOI: 10.1109/UPCON.2017.8251101
261	Mr. Vishal Sharma	B. Tech. (EEE)	2017	Performance Analysis of Grid Connected and Isolated mode PV System	IEEE International Conference on Energy, Communication, Data Analytics and Computing, India, 2017. Proceedings will be published by IEEE Xplore Digital Library indexed in Scopus.
262	Aenel Murtaza, Sudhanshu Kumar	B. Tech.(EI)	2017	Design and Implementation of Solar Based Smart Street Lighting System	IEEE International Conference on Smart Technologies for Smart Nation, India, 2017. Proceedings will be published by IEEE Xplore Digital Library indexed in Scopus.
263	Ms. Kratika Yadav	M. Tech. (Power Systems)	2017	Performance Analysis of Grid connected Hybrid PV/Wind Power System	IEEE Uttar Pradesh International Conference on Electrical, Computer and Electronics (UPCON 2017), 2017. Proceedings will be published by IEEE Xplore Digital Library indexed in Scopus.
264	Ms. Vasudha Sharma	M. Tech. (Power Systems)	2017	Hardware Implementation of Sun Tracking Solar Panel Using 8051 Micro-Controller	2nd International Conference on Intelligent Communication, Control and Devices (ICICCD-2017), India, 2017. Proceedings will be published by IEEE Xplore Digital Library indexed in Scopus.
265	Mr. Arindam Bhattacharjee, Mr. Gaurav Ghosh	B. Tech. (EEE)	2017	Speed Control of BLDC Motor through Mobile Application Via Secured Bluetooth	IEEE conference on Recent Development in Control and Power Engineering (RDCAPE-2017), India, 2017. Proceedings will be published by IEEE Xplore Digital Library indexed in Scopus.
266	Ms. Yogita Drivedi	M. Tech. (Control Systems)	2017	Dynamic stability Improvement of Alkali Fuel Cell Integrated System using PSO optimized PID Control Design	IEEE conference on Recent Development in Control and Power Engineering (RDCAPE-2017), India, 2017. Proceedings will be published by IEEE Xplore Digital Library indexed in Scopus.

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
267	Chitrita Saha	M. Tech. (Power Systems)	2017	Review on Fault Tolerant Control (FTC) and Fault Detection and Isolation (FDI) of Wind turbine	Springer International Conference on Microelectronics, Computing & Communication Systems (MCCS-2017) India, 2017. Proceedings will be published by IEEE Xplore Digital Library indexed in Scopus.
268	Vani Garg	PhD (EEE)	2017	Optimal Placement of Solar PV as Active Power Source in Primary Distribution System for Loss Reduction	2ndInternational Conference on Intelligent Communication, Control and Devices (ICICCD-2017), pp. 1-5, India, 2017. Proceedings published by IEEE Xplore Digital Library indexed in Scopus. DOI: 10.1109/ICCCNT.2017.8204144
269	Nibha Rani, Vishnu Astick	M. Tech. (Power Systems)	2017	Congestion Management of Transmission Line Using Smart Wire & TCSC with their Economic Feasibility	2nd International Conference on Microelectronics, Computing & Communication Systems (MCCS-2017), pp. 1-5, India, 2017. Proceedings published by IEEE Xplore Digital Library indexed in Scopus. DOI: 10.1109/ICCCNT.2017.8204144
270	Nagasai Velagapudi	M. Tech. (Power Systems)	2017	Power Flow Management in Multiline Transmission System through Reactive Power Compensation using IPFC	1st International Conference on Smart Innovations and Computing (SSIC-2017), pp 383-390, Singapore, 2017. Proceedings published by Springer indexed in Scopus. DOI: https://DOI.org/10.1007/978-981-10-5828-8_37
271	Vishnu Astick	M. Tech. (Power Systems	2017	Minimizing fuel cost of generators using GA-OPF	1st International Conference on Smart Innovations and Computing (SSIC-2017), India, 2017. Proceedings will be published by IEEE Xplore Digital Library indexed in Scopus.
272	Kratika Yadav	M. Tech. (Power Systems)	2017	Speed and direction control of four quadrant DC Motor Using Wireless Communication	Joint International Conference on Interdisciplinary Research and 8th International Conference on Quality, Reliability, Infocom Technology and Business Operations (JIRICQRIT-17), India, 2017. Proceedings will be published by IEEE Xplore Digital Library indexed in Scopus.
273	Archana Singh, Nibha Rani	M. Tech. (Power Systems)	2017	Design of Efficient DC power supply for High Voltage Low Current Applications	2nd International Conference on Intelligent Communication, Control and Devices (ICICCD-2017), India, 2017. Proceedings will be published by IEEE Xplore Digital Library indexed in Scopus.
274	Archana Singh	M. Tech. (Power Systems)	2017	An optimized smart switch hybrid renewable system with battery storage system	4th IEEE UPCON2017, pp. 162-168, India, 2017. Proceedings published by IEEE Xplore Digital Library indexed in Scopus. DOI: 10.1109/UPCON.2017.8251041
275	Devashish Sharma, Varsha Kushwahaand	M. Tech. (Power Systems)	2017	Intelligent AVR control of a single Thermal Area Combined with LFC loop	2nd International Conference on Intelligent Communication, Control and Devices (ICICCD-2017), p.p. 135-139, India, 2017. Proceedings published by IEEE Xplore Digital Library indexed in Scopus. DOI: 10.1.1.687.1166
276	SanketJhunjhunwala, Harshit Gahlaut, Harish Ranjan Singh, Ripu Daman	B. Tech. (EEE)	2017	Driver Soberness System for road vehicles	International Conference on Computer, Communications and Electronics (Comptelix-2017), pp. 49-52, India, 2017. Proceedings published by IEEE Xplore Digital Library indexed in Scopus. DOI: 10.1109/COMPTELIX.2017.8003936
277	Varma, I.M, Chaudhary, U., Gupta, S.	B. Tech.	2017	Feasibility Study on Implementation of Lean Manufacturing in Sugar Industry: A Case Study	3rd International Conference on Advancements and Recent Innovations in Mechanical, Production and Industrial Engineering (ARIMPIE2017), published by ELK Asia Pacific journals-Special Issue, http://www.elkjournals.com/microadmin/UploadFolder/1760paper%2071.pdf

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
278	Kaustubh Agarwal,	B. Tech. (MAE)	2017	Innovative Thermal Multi-film Manoj Kumar SharmaCoating for Gas Turbine Machineries	International Conference On Quality, Productivity, Reliability, Optimization and Modelling (ICPQROM-2017), IEEE, 5th - 7th January, 2017 http://www.icqprom2017.org/
279	Anjali Chopra	M. Tech.	2017	Tailoring the Thermal Conductivity of Paraffin Wax by Nano-fillers for Thermal Storage Applications	24th National and 2nd International ISHMT-ASTFE Heat and Mass Transfer Conference (IHMTC 2017), Hyderabad. Proceedings will be published by Begell house in ICHMT digital library-2017 and Indexed by Scopus https://www.ishmt2017.com/
280	Vishakha Baghel,	Ph.D.-ME and	2017	Tailoring the Wettability of B. Tech.-Nanotech.Copper Surface with Ion Beam Irradiation	International Conference of Accelerators in Materials and Medical Sciences ICAMMS' 2017, Dubai http://www.amity.edu/icamms/pdf/ConferenceFlyer.pdf
281	Vishakha Baghel	Ph.D.-ME	2017	Dropwise Condensation of Water vapor existing in Moist Air	24th National and 2nd International ISHMT-ASTFE Heat and Mass Transfer Conference (IHMTC 2017), Hyderabad. Proceedings will be published by Begell house in ICHMT digital library-2017 and Indexed by Scopus https://www.ishmt2017.com/
282	Jain Akshat and Ahuja Harshit	B. Tech. (MAE)	2017	Modelling of Agile Manufacturing Barriers in the Indian Engineering Industries: An Interpretive Structural Modeling Approach.	IEEE International Conference on Advances in Mechanical, Industrial, Automation and Management Systems (AMIAMS-2017). DOI: 10.1109/AMIAMS.2017.8069180
283	Nayab, M., Tariq, M,	B. Tech. (MAE) and Sarraf, A.	2017	Fabrication of Pneumatics based Platform to Configure the Machine Layout	3rd International Conference on Advancements and Recent Innovations in Mechanical, Production and Industrial Engineering (ARIMPIE-2017). http://www.elkjournals.com/microadmin/UploadFolder/604paper%2021.pdf
284	Kumar, A., Yadav, S., and Verma, R.	B. Tech. (MAE)	2017	Fabrication and analysis of Polymer composite Reinforced with waste polyethene	3rd International Conference on Advancements and Recent Innovations in Mechanical, Production and Industrial Engineering (ARIMPIE-2017) http://www.elkjournals.com/microadmin/UploadFolder/7557paper%2053.pdf
285	Junaid, M., Akhil, D	B. Tech. (MAE)	2017	Mechanical Behavior of Powder Metallurgy Processed Iron-Alumina-Zirconium Di-Boride Hybrid Metal Matrix Composites	International Conference on Innovative Research in Engineering, Science & Technology. pp. 47-52. https://iosrd.org/conferences/index.php/innovative/research/paper/view/2193
286	Aseem Acharya	B. Tech. (MAE)	2017	The Study of Gas Turbines and their Applications in Aircrafts and Electricity Generation	International Journal of current trends in Engineering & Technology, (UGC Approved) Vol. 3(5), pp. 275-278
287	Bhavesh Chandrayan and Ankit Kumar Solanki	B. Tech. (MAE)	2017	Study of 5S Housekeeping Technique: - A Review Paper	International Journal of Productivity and Quality Management, Inderscience publishers, Scopus Indexed. Under Review
288	Nikit Gupta	B. Tech. (MAE) Evening		2017Innovative Air Conditioner with PCM	Application No. 201711018358
289	Kumar Harshit	B. Tech. (MAE)	2017	Magnetic Abrasive Finishing Setup	3rd National Conference on Trends and Advances in Mechanical Engineering, 16-17th Mar. 2017 http://www.ymcaust.ac.in/tame2017/images/e_proceeding_tame2017.pdf

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
290	Rahul Kumar	B. Tech. (MAE)	2017	A Review On 2S LPG Direct Injection Engine	3rd National Conference on Trends and Advances in Mechanical Engineering, 16-17th Mar. 2017 http://www.ymcaust.ac.in/tame2017/images/e_proceeding_tame2017.pdf
291	Yogya Khanna	B. Tech. (MAE) + M. Tech.	2017	Limitations of Lubrication of a 2 Stroke SI Engine	3rd National Conference on Trends and Advances in Mechanical Engineering, 16-17th Mar. 2017 http://www.ymcaust.ac.in/tame2017/images/e_proceeding_tame2017.pdf
292	Kumar Harshit	B. Tech. (MAE)	2017	Agile Manufacturing: The need of the hour	17th International Business Horizon-INBUSH ERA-2017, AIBS, Amity University, Noida, 8-10 Feb, 2017 http://www.amity.edu/inbushera2018/index.asp
293	Shubham Rai, S.K. Prashant, Anurag Kumar, Rahul, Mishra	B. Tech. (MAE)	2017	Optimization of Process Parameters in Ti-6Al-4V during CNC Turning	Middle East Journal of Scientific Research, Vol. 25 (5), pp. 939-949. (Scopus Indexed Journal). DOI: 10.5829/idosi.mejsr.2017.939.949
294	N. Kadian, K. Sejwal, M. Farooquee, I. Ansari	B. Tech. (MAE)	2017	Modeling the Le agile Manufacturing Implementation Barriers: An ISM Approach	3rd International Conference on Advancements and Recent Innovations in Mechanical, Production and Industrial Engineering (ARIMPIE-2017). http://www.elkjournals.com/microadmin/UploadFolder/3311paper%2070.pdf
295	Rajat Sharma	B. Tech. (MAE)	2017	Advances in Development of Electrical Discharge Diamond Grinding (EDDG): A Review	10th International Conference on Precision, Meso, Micro and Nano Engineering (COPEN10, 2017), at Indian Institute of Technology Madras, Chennai, December, 7-9, 2017, Accepted http://www.copen.ac.in/copen10/
296	Abhilash Gupta, Kanhaiya Kumar Jha	B. Tech. (MAE)	2017	Production and Characterization of Bio-Diesel from Neem Oil: A Review	Journal of Energy Research and Environmental Technology (JERET), p-ISSN: 2394-1561; e-ISSN: 2394-157X; Volume 4, Issue 1; January-March, 2017, pp. 107-111
297	Sumit Sharma	B. Tech. (MAE)	2017	Recent Developments in Airbags for Passenger Safety in Automobile Engineering	International Journal of Research in Advent Technology, Vol.5, No.3, March 2017 E-ISSN: 2321-9637 (UGC Approved) http://www.ijrat.org/downloads/Vol-5/march-2017/paper%20ID-53201720.pdf
298	Prateek Lakhiani, Jain, Arun Jindal.	B. Tech. MAE	2017	Structural Analysis of Akshat Compression Helical Spring used in Suspension System	International Conference on Functional Materials, Characterization, Solid State Physics, Power, Thermal And Combustion Energy FCSPTC-2017. (AIP Conference proceedings) Publisher: Elsevier Indexed in Scopus (Elsevier) Conference Proceedings https://doi.org/10.1063/1.4990233
299	Eldhose James, Abhiraaj Singh	B. Tech. MAE + M. Tech. (AME)	2017	Analysis of Wheel Rim- Material and Manufacturing Aspects	Paper presented in International Conference On Condensed Matter And Applied Physics 2017 at Bikaner, India Nov 24-25, 2017. (AIP Conference proceedings) Publisher: Elsevier Indexed in Scopus (Elsevier) Conference Proceedings http://www.iccindia.in/
300	Sharad Chandra, Ashutosh Bagwadi	B. Tech. MAE + M. Tech. (AME)	2017	Experimental Investigation of Disc Brakes for Formula Bharat	Paper presented in International Conference On Condensed Matter And Applied Physics 2017 at Bikaner, India Nov 24-25, 2017. (AIP Conference proceedings) Publisher: Elsevier Indexed in Scopus (Elsevier) Conference Proceeding

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
301	Pankaj Kumar, Saiffur Rehman	B.Tech. MAE + M.Tech. (AME)	2017	Optimal Design for Slip Deceleration Control in Anti lock Braking System	Paper presented in International Conference on Condensed Matter And Applied Physics 2017 at Bikaner, India Nov 24-25, 2017. (AIP Conference proceedings) Publisher: Elsevier Indexed in Scopus (Elsevier) Conference Proceedings
302	Ashutosh Garg and Ayush Gupta	B.Tech. MAE B.Tech. MAE+ M.Tech.	2017	An Experimental Investigation of Performance of Diesel to CNG Engine	Paper presented in International Conference on Condensed Matter and Applied Physics 2017 at Bikaner, India Nov 24-25, 2017. (AIP Conference proceedings) Publisher: Elsevier Indexed in Scopus (Elsevier) Conference Proceedings
303	Sharad Chandra, Virender Maurya, Mohammad Ahsan Rashid and Ashutosh Bagwadi	B.Tech. MAE+ M.Tech. (AE) B.Tech. MAE B.Tech. MAE+ M.Tech. (AE)	2017	Optimization of Disc Brakes for Formula Bharat 2017	Demonstrable Model Presented in Formula Bharat 2017 (National)
304	Akshat Jain, Prateek Lakhiani, Arun Jindal	B. Tech. MAE	2017	Mathematical Approach to Helical and Wave Spring used in Suspension System: A Review	South Asian Research Centre (SARC), International Conference on Recent Development in Mechanical and Industrial Engineering (ICRDMIE). http://iraj.in/journal/IJMPE/paper_detail.php?paper_id=8519&name=Mathematical_Approach_to_Helical_and_Wave_Spring_Used_in_Suspension_System:_A_Review
305	P. Kumar,	B.Tech.	2017	Investigation and Experimental Analysis of Gasketed Plate type Heat Exchanger	International Conference on Recent Trends in Mechanical, Material, Industrial, Automotive, Aeronautical and Nano-Technology", JNU, New Delhi. http://krishisanskriti.org/miant.html
306	Harsh, Naveen Chauhan	B.Tech (ECE)	2016	Feature Line Profile Based Automatic Detection of Dental Caries in Bitewing Radiography	2016 International Conference on Micro-Electronics and Telecommunication Engineering (ICMETE) , 22-23 sept, 2016. Proceedings will be published by IEEE Xplore Digital Library DOI: 10.1109/ICMETE.2016.59
307	Parakh Aggarwal	B.Tech (ECE)	2016	Abandoned object detection and tracking	International Conference on ICT for Sustainable Development, 1-2 july 2016, Goa, India.
308	Mayank Malik, Nishtha Phutela	B.Tech (ECE)	2016	CBCT image noise reduction and enhancement using Bi-Histogram method with bent activation function	International Conference on Information Technology (InCITe-2016) The Next Generation IT Summit on the Theme - Internet of Things: Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/INCITE.2016.7857624
309	Sanjeev verma	M. Tech (WC)	2016	Exploration of GBP2MP Network Performance for next Generation using artificial neural network(ANN)	International Conference on Advances in Computing and Data Sciences, (ICACDS-2016), Proceedings published by Springer . pp 123-131, DOI: https://doi.org/10.1007/978-981-10-5427-3_13
310	Aditya Jain, Jagjot Singh	M. Tech (EST)	2016	Prediction of air pollution level using Artificial Neural Network	3rd International Conference On Recent Development In Science, Engineering and technology, (REDSET-2016), Proceedings published in Springer
311	Monika Srivastava, Savita Saini	M. Tech (WC)	2016	Analysis and Parameter Estimation of Micro Strip Circular Patch Antennas Using Artificial Neural Networks	International Conference on Soft Computing: Theories and Applications (SoCTA-2016). Proceeding published in AISC (Advances in Intelligent Systems and Computing) series of Springer. pp 285-292. DOI: https://doi.org/10.1007/978-981-10-5687-1_26

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S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
312	Zain Hashim	M.Tech (WC)	2016	Ku-Band Microstrip Patch Linear Array Antenna for Police radar system	3rd international conference on recent development in Science, Engineering and technology(REDSET-2016), Proceedings published in Springer Vol 10(30), DOI: 10.17485/ijst/2017/v10i30/115501
313	Shailza Gotra	M. Tech (WC)	2016	C-Band Microstrip Patch Linear Array Antenna for Microwave Radio Relay	CSI Transactions on ICT, , Publisher: Springer India. Volume 4, Issue 2–4, pp 151–155 ISSN: 2277-9078 (Print) 2277-9086 DOIhttps://doi.org/10.1007/s40012-016-0101-4
314	Ashi Agarwal	B. Tech (ECE)	2016	Automated Computer Vision Method for Lesion Segmentation from Digital Dermoscopic Images	International Conference on Recent Advancement in Computer, Communication and Computational Sciences (ICRACCCS-2016). Paper published by IEEE Xplore, Scopus indexed. DOI: 10.1109/UPCON.2017.8251107
315	Ashmita Gupta	B. Tech (ECE)	2016	Adaptive Thresholding for Skin Lesion Segmentation Using Statistical Parameters	International Conference on Advanced Information Networking and Applications, Taipei, Taiwan. Published by IEEE Xplore Digital Library DOI: 10.1109/WAINA.2017.36
316	Varun Krishna and Saarthak Gupta	B.Tech (ECE)	2016	Android Based solar powered automatic irrigation system	Indian Journal of Science & Technology, Volume 9, Issue 47, December 2016 (Scopus Indexed) DOI: 10.17485/ijst/2016/v9i47/101713
317	Tathagata Ghosh, Pradeep Kumar	BTech (ECE)	2016	Development of Android based Powered Intelligent Wheelchair for Quadriplegic persons	International Conference on Advanced Material Technologies (ICAMT-2016), Published by IOP Science – Volume 225, Page -1-8, DOI:10.1088/1757-899X/225/1/012127
318	Pradeep Kumar and Tathagata Ghosh,	BTech (ECE)	2016	Development of Android based Smart Power Saving System	Proceedings published in Elsevier and indexed by Scopus International Conference on Advanced Material Technologies (ICAMT-2016). Proceedings published in Elsevier Volume 225
319	Shipra Gupta	BTech (ECE)	2016	Design of Automatic Intensity Varying Smart Street Lighting System	International Conference on Advanced Material Technologies (ICAMT-2016). Proceedings published in Elsevier Volume 225
320	Richa Shreyam, Ridhi Garg, Tabassum Sayed	M. Tech (ECE)	2016	Correlation Of Neuromarketing To Neurology	International Conference on Advanced Material Technologies (ICAMT-2016). Proceedings published in Elsevier Volume 225
321	Joyjit Chatterjee, Ayush Saxena	B.Tech	2016	An Automatic and Robust System for Identification of Problematic Call Centre Conversations	International Conference on Materials and Electrical Technology Engineering, 22-23 September 2016, Proceedings published by IEEE Xplore Digital Library. DOI: 10.1109/ICMETE.2016.48
322	Shivali Rajora	B.Tech	2016	Hybrid Plasmonic waveguide Bio-Chemical Sensor for different Chemical Concentrations	Journal of Nanoelectronics and Optoelectronics (JNO), vol. 12, pp. 136–139, 2017. DOI: https://doi.org/10.1166/jno.2017.1970
323	Rahil Sinha, Pranav Chetal	B.Tech.(ECE)	2016	Low Profile Collinear Monopole Antenna	13th International Conference on wireless & Optical Communication Networks (WOCN-2016) Proceedings published by IEEE Xplore digital library DOI: 10.1109/WOCN.2016.7759022
324	Akshay Nanoti, Chetan Gupta, Sparsh Jain	B.Tech (ECE)	2016	Detection of Malaria Parasite species and life cycle stages using microscopic images of thin blood smear	International conference on Inventive Computation technologies, Aug. 2016, Coimbatore, India. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/INVENTIVE.2016.7823258

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
325	Vishwas sharma, Adhiraj Rathore	B.Tech	2016	Detection of sickle cell anaemia and thalassaemia causing abnormalities in thin smear of human blood sample using image processing	International conference on Inventive Computation technologies, Aug. 2016, Coimbatore, India. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/INVENTIVE.2016.7830136
326	Pallavi Rai, Aishwarya Srivastava, Vikram Golchha	B.Tech	2016	An Automatic classification of bird species using audio feature extraction and support vector machines	International conference on Inventive Computation technologies, Aug. 2016, Coimbatore, India. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/INVENTIVE.2016.7823241
327	Palac chabbra, Joyjit Chatterjee	B.Tech (ECE)	2016	An automatic system for recognition and assessment of anger using adaptive boost	International Conference on Materials and Electrical Technology Engineering, 22-23 September 2016, Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ICMETE.2016.89
328	Vipin Choudhary, Aastha Gupta	M.Tech. (WC)	2016	Hole coupled slotted MIMO antenna with defective ground surface	Patent filed application no. 201611034254 date 06/10/2016
329	Vipin Choudhary, Aastha Gupta	M.Tech. (WC)	2016	A Compact Four-element MIMO antenna for WLAN/WiMAX and HiperLAN Applications	13th International IEEE India Conference (INDICON-2016), Dec. 2016, Bangalore. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/INDICON.2016.7838862
330	Beenish, Tripti Sarswat	M.Tech. (ECE)	2016	Performance Analysis of a High Gain Microstrip Array Antenna for 5G Mobile Communication	ESTS2016, December 7-9, 2016, Melbourne, Australia
331	Vaibhav Kathuria, Ankit Yadav, Aquib Malik, Umesh Kumar	B.Tech.(ECE)	2016	Flower shaped antenna for Terahertz Applications	13th International Conference on wireless & Optical Communication Networks (WOCN-2016) Proceedings published by IEEE Xplore digital library DOI: 10.1109/WOCN.2016.7759886
332	Deepika	BTech (ECE)	2016	Design and Fabrication of window shaped fractal antenna for RFID.	5th International Conference on Reliability, Infocom Technologies and Optimization (ICRITO-2016) Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ICRITO.2016.7784926
333	Ridhi Garg, Tabassum Sayed	M. Tech (ECE)	2016	EMG Signal Analysis of Healthy And Neuropathic Individuals	International Conference on Advanced Material Technologies (ICAMT-2016) Proceedings published in Elsevier: Volume 225
334	Madhura Bhaumik, Priyanka Verma, Ravi Kant	B.Tech (ECE)	2016	Real-Time Heartbeat Rate Monitoring System using Raspberry Pi	International Journal of Control Theory and Applications, 9(41), pp. 381-389, 2016. (Scopus Indexed) ISSN: 0974-5572 http://serialsjournals.com/serialjournalmanager/pdf/1486638954.pdf
335	Madhura Bhaumik, Priyanka Verma, Ravi Kant	B.Tech (ECE)	2016	Detection and Alerting of Common Cardiac Conditions Using a Real-time Heartbeat Rate Monitoring System	International Journal of Control Theory and Applications, 9(41), pp. 543-554, 2016. (Scopus Indexed) ISSN: 0974-5572
336	Akriti Gupta, Neel Chatterjee	B.Tech (ECE)	2016	Effect of Surface Passivation on the Electrical Characteristics of Nanoscale AlGaN/GaN HEMT	International Conference on Advanced Material Technologies (ICAMT-2016) Proceedings published in Elsevier: Volume 225
337	Anamika Banwari, Ridhi Garg	M. Tech (WC)	2016	Design of H-Plane Tee Junction in RSIW for Ku-band Applications:	8th International Conference on Soft Computing and Pattern Recognition (SOCPaR-2016), Dec. 2016, VIT Vellore Proceedings published by Springer pp 450-459 DOI https://doi.org/10.1007/978-3-319-60618-7_44

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
338	Anamika Banwari, Shailza Gotra, Richa Shreyam	M. Tech (ECE)	2016	Design of E-Plane Tee Junction in RSIW for C-band Applications:	8th International Conference on Soft Computing and Pattern Recognition (SOCPaR-2016), Dec. 2016,VIT Vellore. Proceedings published by Springerpp 547-556 DOI https://doi.org/10.1007/978-3-319-60618-7_54
339	Ridhi Garg, Tabassum Sayed	M. Tech (ECE)	2016	Comparative Noise Free Analysis of ECG Signal	International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS-17). Proceedings will be published by IEEE Xplore Digital Library and will be indexed by Scopus
340	Anamika Banwari, Shailza Gotra, Zain Hashim	M. Tech (VLSI)	2016	Design of Chamfered H-bend in Rectangular Substrate Integrated Waveguide for K-band Applications	International Conference on Soft Computing: Theories and Applications (SoCTA-2016), Dec. 2016, Jaipur Proceedings published by Springer DOI: 10.1007/978-981-10-5699-4_55 pp.585-594
341	Nidhi Purohit	M. Tech (VLSI)	2016	A High Speed and Low Power 4-Bit Multiplier using FinFet Technology.	2nd International Conference on Next Generation Computing Technologies (NGCT-2016),Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/NGCT.2016.7877390
342	Jiwanjot Kahlon	M. Tech (VLSI)	2016	Low Power and Temperature compatible FinFET based Full Adder circuit with optimised Area	5th International Conference On Advances in Computing, Communications and Informatics, (ICACCI-2016). Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ICACCI.2016.7732365
343	Mr Aman Srivastava, Ms Priyanka Gupta	B.Tech (ECE)	2016	Brain slice Representation via Feature Point Maps and Retrieval using Similarity Distance Metrics	Conference On Advances In Signal Processing (CASP-2016) Proceedings published by IEEE Xplore digital library DOI: 10.1109/CASP.2016.7746186
344	Mr Shashwat Goel, Ms Aastha Sehgal	B.Tech (ECE)	2016	Automatic Brain Tumor Segmentation And Extraction In MR Images	Conference on Advances in Signal Processing (CASP-2016) , PuneProceedings published by IEEE Xplore digital library. DOI: 10.1109/CASP.2016.7746146
345	Shahswat Goel,	B.Tech (ECE) & M.Tech (VLSI)	2016	Brain Tumor Segmentation in Glioma Images Using Multimodal MR Imagery	International Conference on Intelligent Communication, Control and Devices (ICICCD-2016), Dehradun Publisher: Springer Book Series pp 733-739 DOI https://doi.org/10.1007/978-981-10-1708-7_84
346	Aastha Sehgal, Devtayi Tyagi, Devyani Tyagi and Deepika Kamboj	M. Tech (VLSI)	2016	Implementation of a Novel 32 bit Extended ALU Architecture at 28nm FPGA	International Conference on Emerging Trends in Communication Technologies (ICETCT-2016) Proceedings Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ETCT.2016.7882932
347	Devyani Tyagi and Deepika Kamboj	M. Tech (VLSI)	2016	Performance Comparison of Adder Architectures on 28nm FPGA	International Conference on Advances in Computing, Communication & Automation (ICACCA-2016), Proceedings published by IEEE Xplore Digital library DOI: 10.1109/ICACCAF.2016.7748980
348	Nathaniel, Kritika	B.Tech (ECE)	2016	Design and Implementation of a 32-bit Incrementer Based Program Counter	International Conference on ICT for Sustainable Development (ICT4SD-2016). Proceedings published by Springer pp 19-29. DOI: https://doi.org/10.1007/978-981-10-3920-1_3
349	Nathaniel, Kritika	B.Tech (ECE)	2016	Design and Implementation of Low Power Reservation Station of a 32-bit DLX-RISC processor	International Conference in Information Science (ICIS-2016) Proceedings published by IEEE Xplore Digital Library. DOI: 10.1109/INFOSCI.2016.7845330
350	Karan Jain, Aishwarya Verma	B.Tech (ECE)	2016	Design and Implementation of 64 bit VLIW Microprocessor on 20nm and 28nm Technologies	International Conference in Information Science (ICIS-2016) Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/INFOSCI.2016.7845329

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
351	Vipin Choudhary, Aastha Gupta Tripathy	M. Tech. (WC)	2016	An M-shaped Microstrip Antenna Array for WLAN, WiMAX and Radar Applications	4th International Conference on Advanced Computing, Networking and Informaics (ICACNI-2016), Proceedings published by Springer Verlag Publishers pp 509-515, DOI:https://doi.org/10.1007/978-981-10-3376-6_55
352	Vipin Choudhary, Aastha Gupta & Yongchae Jeong	M. Tech. (WC)	2016	A compact MIMO antenna with high isolation for S, C and V band applications	URSI Asia Pacific Radio Science Conference (URSI AP-RASC 2016), August 21 – 25, 2016, Seoul, Korea
353	Ms. Deepti Agarwal, Ms. Eti Chaudhary	B.Tech (CE)	2016	Assessment of Solar Energy Potential on Rooftops using GIS for Installation of Solar Panels	Indian Journal of Science & Technology, Volume 9, Issue 30, August 2016. DOI: 10.17485/ijst/2016/v9i30/99169
354	Mayank Malik, Nishtha Phutela	B.Tech (ECE)	2016	Contrast Enchantment of CBCT Images using Bi-Histogram method with soft plus activation function for dentistry	India International conference information processing (IICIP-2016) Proceedings published by IEEE Xplore Digital DOI: 10.1109/IICIP.2016.7975377
355	Beenish, Tripti Sarawat	M.Tech (ECE)	2016	Design of a High Gain 16 Element Array of Microstrip Patch Antennas for Millimeter wave applications	International Conference on Contemparay Computing and Informatics, (IC3I-2016), Dec. 2016, Noida, India. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/IC3I.2016.7917956
356	Akshi Kalia, Rohit Gupta, Gargi Gupta	B.Tech (ECE)	2016	Performance Enhancement of an E-shaped Microstrip Patch Antenna loaded with Metamaterial	Advances in Computer and Computational Sciences Proceedings published by Springer pp 145-153 volume 553. DOI:https://doi.org/10.1007/978-981-10-3770-2_14
357	Manshi Nisha	M. Tech (ECE)	2016	Narrow Channel Multiple Frequency Microstrip Antenna with slits	International Conference On Computer, Communication And Computational Sciences, (IC4S-2016), Proceedings published by Springer Verlag Publishers pp 155-164. DOI: https://doi.org/10.1007/978-981-10-3770-2_15
358	Shipra Singh	M.Tech (ECE)	2016	Data Rate And Symbol Error Rate Analysis Of Massive MIMO For 5G Applications	International Conference on Advanced Computing & Intelligent Engineering (ICACIE -2016), Proceedings will be published by Springer Verlag Publishers and will be Indexed in Scopus
359	Akanksha Dhar Manjima	B.Tech (ECE)	2016	Design and analysis of efficient CBAN (Canine Body Area Network)	2nd International Conference on Power, Circuit and Information Technologies (ICPCIT-2016), Proceedings will be published by Springer Verlag Publishers and will be Indexed by Scopus
360	Priyanka Jain Shrishti Singh	B.Tech (ECE)	2016	Implementation and analysis of energy efficient threshold sensitive minimal spanning tree - clustering protocol(TMST-CP)	2nd International Conference on Power, Circuit and Information Technologies (ICPCIT-2016), Paper in IJCTA , 10(03), 2017, pp. 221-227
361	Chavi Jain, Praneet Tomar, Kartik Kapur	B.Tech (ECE)	2016	Gain Enhancement of Microstrip patch antenna using H-shaped Defected Ground structure.	4th International Conference on Advanced Computing, Networking and Informaics (ICACNI-2016), Proceedings published by Springer Verlag Publishers, pp 517-526, DOI: https://doi.org/10.1007/978-981-10-3376-6_56
362	Shivali Rajora	B.Tech	2016	Multilayer Coatings With Slotted MDM Surface Plasmon Waveguide For The Improvement Of Sensitivity And Transmission With High Refractive Index Material	International Conference on Computing, Communication and Automation (ICCCA-2016) Proceedings published by IEEE Xplore digital library DOI: 10.1109/CCAA.2016.7813956

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
363	Akanksha Agrawal, Snehil Gupta, Anupriya Chakraborty	B.Tech (ECE)	2016	Low Power Divide-By-8/9 Dual Modulus C2MOS Prescaler	Conference On Advances In Signal Processing (CASP-2016) Proceedings published by IEEE Xplore digital library. DOI: 10.1109/CASP.2016.7746215
364	Vinay Verma, Devyani Tyagi	M. Tech (VLSI)	2016	Series Computation Using Vedic Mathematics	Conference On Advances In Signal Processing (CASP 2016), Proceedings published by IEEE Xplore digital library DOI: 10.1109/CASP.2016.7746224
365	Pragada V Satya Challayya Naidu, Priyanka Chaudhary and Manchikatla Anudeep	M. Tech (VLSI)	2016	A 10-Bit 50-MS/s 11.9μW SAR ADC with CM Biased Capacitor Switching Method	International Conference on Inventive Computation Technologies, (ICICT-2016), Proceedings published by IEEE Xplore digital library
366	Anupriya Chakraborty, Akanksha Agrawal and Snehil Gupta	B.Tech (ECE)	2016	High Speed-Low Power Divide By-16/17 Dual Modulus Prescaler Using C2MOS	International Conference on Intelligent Communication, Control and Device Dehradun, India, 2016, Proceedings published by Springer pp 825-832, DOI: https://doi.org/10.1007/978-981-10-1708-7_96
367	Gurpreet Singh & Sant Saran	M. Tech (ECE)	2016	Multi Band Patch Antenna for Millimeter-Wave Applications	Far East Journal of Electronics and Communication Proceedings published by Scopus. indexed Journal Far East Journal of Electronics and Communications Special Volume 3, ICCS - 2016, Part I, Pages 153 - 159 (October 2016) http://dx.doi.org/10.17654/ECSV3PI16153
368	Mayank Mrinal, Chhavi Mittal, Vidhi Bhati	B. Tech (ECE)	2016	Designing Dual Port RAM for Testability	Far East Journal of Electronics and Communications Special Volume 3, ICCS - 2016, Part II, Pages 667 - 676 (November 2016) http://dx.doi.org/10.17654/ECSV3PII16667
369	D. Vamsidhar Reddy	M.Tech(VLSI)	2016	High-Speed and Low-Cost FIR Filter Design using ZEOD Method and Faithful Truncation and Rounding	1st International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES-2016) Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ICPEICES.2016.7853732
370	FaizanFarooq, Pankaj Parashar, Siddhant Tandon	B.Tech (ECE)	2016	Vectorized Code Implementation of Logistic Regression and Artificial Neural Networks to recognize Handwritten Digit	1st International Conference on Power Electronics, Intelligent Control and Energy Systems, DTU, Delhi. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ICPEICES.2016.7853346
371	D Suryateja, Sanchit Gupta, Vankadara Mohana Guru Sai Gupta	B.Tech (ECE)	2016	Extraction of blood veins from the fundus image to detect Diabetic retinopathy	1st International Conference on Power Electronics, Intelligent Control and Energy Systems, DTU, Delhi. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ICPEICES.2016.7853604
372	Ambika Singh, Anchal Chauhan	B. Tech (ECE)	2016	Implementation of High Signal to Error Variable Logarithmic Based Quantization Steps for Continuous Time Analog to Digital Converter	International Journal of Control Theory and Applications, 9(46), pp. 23-29, 2016. (Scopus Indexed) ISSN: 0974-5572
373	Ashu Verma, Abhinav Duhan, Mohd. Zayed	M.Tech (WC)	2016	SRR loaded Microstrip Patch Antenna for Bluetooth, HIPERLAN/WLAN and WIMAX	3rd International Conference on Signal Processing & Integrated networks (SPIN-2016) Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/SPIN.2016.7566658
374	Deva Pratim	M.Tech (ECE)	2016	Enhancement for Denoising of ECG signal based on improved Wiener filter with EMD/EEMD	International Journal of Control Theory and Applications April 2016, ISSN : 0974-5572 Volume 9 Number 46

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
375	Trapty Aggarwal	M. Tech (ECE Weekend)	2016	Comparative Study of architectures of different topologies & algorithms	Far East Journal of Electronics & Communication, April 2016 published, Scopus Indexed Journal DOI: 10.17654/ECSV3PII16369
376	Sohaib bhat	M.Tech (ECE)	2016	Investigative Evaluation for Obtaining a More Explicit QoS Data Measurement for LTE System	India International Conference On Information Processing (IICIP-2016) Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/IICIP.2016.7975371
377	Mayank Mrinal & Jagatbir Singh	B.Tech (ECE)	2016	Study and designing of fourth order BEC circuit for Flash Analog to Digital Converter using MUX based encoder	Indian Journal of Science and Technology, April 2016, Volume 10, Issue 18 DOI: 10.17485/ijst/2017/v10i18/106370
378	Payal guleria, Nimisha Bansal	M.Tech. (WC)	2016	Symptom & risk factor based diagnosis of gum diseases using neural network	6th International Conference on Cloud System and Big Data Engineering, (Confluence-2016), Jan 2016 Proceedings published by IEEE Xplore Digital Library. DOI: 10.1109/CONFLUENCE.2016.7508095
379	Adiba Kausar, Ariz Iqbal	B.Tech. (ECE)	2016	Comparison efficacy of restoration method for space variant motion blurred images using kalman and weiner filter	6th International Conference on Cloud System and Big Data Engineering, (Confluence-2016), Jan 2016 Proceedings published by IEEE Xplore Digital Library. DOI: 10.1109/CONFLUENCE.2016.7508173
380	Mohammad Faisal	M.Tech.	2016	Autonomous car system using facial recognition & Geo location services	6th International Conference on Cloud System and Big Data Engineering, (Confluence-2016), Jan 2016 Proceedings published by IEEE Xplore Digital Library. DOI: 10.1109/CONFLUENCE.2016.7508155
381	Apoorv Agarwal, Utkarsh Pandey, Jagjot Singh Khokar	M.Tech (ECE, EC+MBA)	2016	Bit Error Rate (BER) Performance Enhancement for Wireless Communication System using Modified Turbo Codes	International Conference on Computer Communication and Computational Sciences, Ajmer. Proceedings included in ASIC Book series of Springer, pp 305-310 DOI https://doi.org/10.1007/978-981-10-3770-2_28
382	Sidhant Chaudhary & Pallavi Binda	B.Tech (ECE)	2016	An elliptical Inset feed patch antenna for UWB Application	1st International conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT-2016), Proceedings published by IEEE Xplore digital library DOI: 10.1109/RTEICT.2016.7807902
383	Saarthak Singh, Akhil Sharma, Sheetal Kumar	B.Tech(ECE)	2016	Development of Photovoltaic Module Tracking and Web Based Data Acquisition System	IEEE Conference Applied and Theoretical Computing and Communication Tech. 2016. Proceedings will be published by IEEE Xplore Digital Library DOI: 10.1109/ICATCCT.2016.7911972
384	Divya Shukla, Shambhavi Awasthi	M.Tech (ECE)	2016	Development of Simple and Low Cost Android Based Wireless Notice Board	5th International Conference on Reliability, Infocom Technologies & Optimization (ICRITO-2016) Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ICRITO.2016.7785031
385	Sharad Tiwari	M. Tech (EST)	2016	Prognostics of Power MOSFET Due to Unclamped Inductive Switching	1st International Conference on Power Electronics, Intelligent Control and Energy systems (PIECES-2016). Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ICPEICES.2016.7853316
386	Swati Jha, Chiku Agarwal	B.Tech (CE)	2016	To study durability aspects of concrete using Basalt Aggregate	Indian Journal of Science & Technology, Volume 9, Issue 30 , August 2016. DOI: 10.17485/ijst/2016/v9i30/99203

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S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
387	Alice Saxena,	B.Tech (ECE)	2016	Gain and Bandwidth Enhancement of CPW fed Patch Antenna for wideband applications	1st International conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT-2016), Proceedings published by IEEE Xplore digital librrary DOI: 10.1109/RTEICT.2016.7808107
388	Sagar Kalra, Niloy Chakravarti	B.Tech (ECE) ground penetrating radar	2016	Ultra wideband antenna for a	13th International Conference on Wireless & Optical Communication Networks (WOCN-2016) Proceedings published by IEEE Xplore digital library DOI: 10.1109/WOCN.2016.7759876
389	Sonam Mahajan, Nidhi Dahiya	M.Tech (ECE)	2016	A Mechanism of Preventing Sybil Attack in MANET using Bacterial Foraging Optimization	13th International Conference on Wireless & Optical Communication Networks (WOCN-2016) Proceedings pu blished by IEEE Xplore digital library DOI: 10.1109/WOCN.2016.7759896
390	Janhvi Yadav, Vedant Malik, Shantnu Atree	B.Tech (ECE)	2016	Performance Analysis of Dual layer Stacked Swastika Shaped Patch Antenna with a Meta-Material Structured Ground Plane for Satellite Communication and Radar Applications	1st International conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT-2016), Proceedings published by IEEE Xplore digital library DOI: 10.1109/RTEICT.2016.7807836
391	Satyajitsinh Mohansinh Desai, Suhani Gambhir	M.Tech (VLSI)	2016	An improved & optimized layer assignment partitioning algorithm: For upcoming 3D VLSI shrinking technologies	6th International Conference on Cloud System and Big Data Engineering (Confluence-2016), Noida Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/CONFLUENCE.2016.7508158
392	Ravitej Singh Rekhi & Anustha	B.Tech (ECE)	2016	Segmentation of musculoskeletal tissues with minimal human intervention	2nd International Conference on Information and Communication Technology for Sustainable Development, (ICT4SD-2016). Proceedings published by Springer Verlag Publisherspp 45-53, DOI:https://doi.org/10.1007/978-981-10-3932-4_5
393	Ankita Kulshreshtha	M. Tech (ECE)	2016	Analysis of Dual-channel Surface Electromyogram using Second-order and Higher-order Spectral Features	2nd International Conference on Communication Control & Intelligent Systems (CCIS-2016), Nov 2016, India Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/CCIntelS.2016.7878199
394	Shubham Mittal	B.Tech (ECE)	2016	Wadoro: An Autonomous Mobile Robot for Surveillance	1st International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES-2016), Delhi Technological University. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ICPEICES.2016.7853652
395	Veerain Dhamija, Riju Prakash	B.Tech (ECE)	2016	Design and Realization of Electronic System for FSI Formula Car	1st International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES-2016), Delhi Technological University. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ICPEICES.2016.7853378
396	Anamika Banwari	M. Tech (ECE)	2016	Automated Segmentation of Colon Gland From Histology Images	9th International Conference on Contemporary Computing (IC3 – 2016), India Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/IC3.2016.7880223
397	Navroj Minhas	B.Tech (ECE)	2016	Image Processing Based Technique for Classification of Fish Quality after Cypermetherine Exposure	LWT – Food Science and Technology, Elsevier Publishers. Thomson Reuter Impact Factor – 2.416. (Indexed in Scopus and SCI) DOI: 10.1016/j.lwt.2015.11.059

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
398	Navroj Minhas	B.Tech (ECE)	2016	An Image processing based method to assess fish quality and freshness" Journal of Food Engineering	Journal of Food Engineering, Elsevier Publishers-2016, Thomson Reuter Impact Factor –2.771. (Indexed in Scopus and SCI) Volume 177 ,Pages 50-58
399	Pulkit Pandey	B.Tech (ECE)	2016	Detection and Grading Severity of Caries in Dental X-Ray Images	International Conference on Micro-Electronics and Telecommunication Engineering Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ICMETE.2016.128
400	Ashmita Gupta	B.Tech (ECE)	2016	An Efficient Automated Method for Exudates Segmentation using Image Normalization and Histogram Analysis	9th International Conference on Contemporary Computing (IC3 – 2016), India. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/IC3.2016.7880256
401	Bhuvan Singh, Swodeep Sahoo, Vikul Kumar	B.Tech (ECE)	2016	Improved Lip Contour Extraction Using K-Means Clustering and Ellipse Fitting	2nd International Conference on Communication Control & Intelligent Systems (CCIS-2016), Nov 2016, India. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/CCIntelS.2016.7878209
402	Varun Gupta	B.Tech (ECE)	2016	Automated Segmentation of Blood Vasculature from Retinal Images	2nd International Conference on Communication Control & Intelligent Systems (CCIS-2016), Nov 2016, India. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/CCIntelS.2016.7878205
403	Neeraj Mishra	B.Tech (ECE)	2016	Grading of Colorectal Cancer using Histology images	39th International Conference on Telecommunications and Signal Processing (TSP-2016), Vienna, Austria Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/TSP.2016.7760936
404	Aman Pandey, Ritu Chandra	B.Tech (ECE)	2016	Automatic Detection of Red Lesions in Diabetic Retinopathy using Shape Based Extraction Technique in 9Fundus Image	39th International Conference on Telecommunications and Signal Processing (TSP-2016), Vienna, Austria Proceedings published by IEEE Xplore Digital Library and indexed by Scopus.
405	Ashi Agarwal	B.Tech (ECE)	2016	Automatic Imaging Method for Optic Disc Segmentation using Morphological Techniques and Active Contour Fitting	9th International Conference on Contemporary Computing (IC3 – 2016), India. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/IC3.2016.7880227
406	Rishabh Madan	B.Tech (ECE)	2016	Automated detection of bright lesions from contrast normalized fundus images	9th International Conference on Contemporary Computing (IC3 – 2016), India. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/IC3.2016.7880224
407	Navroj Minhas	B.Tech (ECE)	2016	Image Processing Based Technique for Classification of Grape Quality after Pesticide Exposure	LWT – Food Science and Technology, Elsevier Publishers. (Indexed in Scopus) Thomson Reuter Impact Factor – 2.416. DOI: 10.1016/j.jfoodeng.2015.12.018
408	Debashree Kashyap, Abhishek Somani, Jatin Shekhar	B.Tech (ECE)	2016	Cervical Cancer Detection and Classification Using Independent Level Sets and Multi SVMs	39th International Conference on Telecommunications and Signal Processing (TSP-2016), Vienna, Austria Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/TSP.2016.7760935
409	Shaleen Narula, Piyush Malhotra	BTech (ECE)	2016	Bandwidth analysis and comparision of slotted patch antenna for wireless applications	International conference on Recent Trends in Electronics, Information & Communication Technology. (RTEICT-2016). Proceedings published by IEEE-Xplore Digital Library DOI: 10.1109/RTEICT.2016.7807998

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
410	Karan sharma, Sunny Singh	B.Tech (ECE)	2016	Multi-Band antenna with enhanced gain for Wireless applications	International conference on Recent Trends in Electronics, Information & Communication Technology. (RTEICT-2016) Proceedings published by IEEE-Xplore Digital Library DOI: 10.1109/RTEICT.2016.7808117
411	Zain Hasim, Shaileza Gotra	M.Tech (ECE)	2016	A Compact SRR Loaded Patch Antenna for C-Band Applications	International Conference on Power Electronics, Intelligent Control and Energy Systems, (PIECES-2016), Proceedings published by IEEE-Xplore Digital Library DOI: 10.1109/ICPEICES.2016.7853265
412	Lucky Saurabh, , Geethu P.S	M. Tech. (ECE)	2016	Dual Bow-Tie Millimeter Wave Antenna for 5G Applications	3rd International Conference on Innovations in information, Embedded and Communication Systems (ICIIECS-2016). Mar. 2016, Coimbatore, Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ICMETE.2016.108
413	Saied Bilal	M.Tech.(ECE)	2016	Defected Ground Surface and Frequency Selective Surface Based Dual Band Microstrip Antenna	2nd International conference on Computational Intelligence and Communication Technology (CICT-2016), Feb 2016,Ghaziabad Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/CICT.2016.93
414	Deepika, Sagar	M Tech(ECE)	2016	A Low Power High Speed Charge Sharing Small Swing Domino Comparator	6th International Conference on Cloud System and Big Data Engineering, (Confluence-2016), Jan 2016 Proceedings published by IEEE Xplore Digital Library. DOI: 10.1109/CONFLUENCE.2016.7508210
415	Steffy Jhonson	M Tech(ECE)	2016	Comparison of FPGA implementation of LDPC encoder algorithms	6th International Conference on Cloud System and Big Data Engineering, (Confluence-2016), Jan 2016 Proceedings published by IEEE Xplore Digital Library. DOI: 10.1109/CONFLUENCE.2016.7508190
416	Vipin Choudhary, Aastha Gupta	M. Tech. (WC)	2016	Triangular Inset Fed C, X and Ku band Antenna For Satellite and Radar Applications	International Conference on Intelligent Communication, Control and Devices (ICICCD - 2016), Apr. 2016, Dehradun, India. Proceedings published by IEEE Xplore Digital Library, pp 197-202, DOI:https://doi.org/10.1007/978-981-10-1708-7_22
417	Kiran Rawat	M.Tech (VLSI)	2016	Physical Design Implementation of 32-bit AMBA ASB APB module with improved performance	International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT-2016). Proceedings published by IEEE Xplore Digital Library. DOI: 10.1109/ICEEOT.2016.7755276
418	Kanika Sahni	M.Tech (VLSI)	2016	Power Analysis & Implementation of Physical design USB 3.0 Architecture using HDL	3rd International Conference on Innovations in information, Embedded and Communication Systems (ICIIECS-2016). Mar. 2016, Coimbatore, Proceedings will be published by IEEE Xplore Digital Library
419	Gayathri Muthukrishnan	M.Tech (VLSI)	2016	Computational Analysis for Tumor Detection of MRI Brain Images	3rd International Conference on Innovations in information, Embedded and Communication Systems (ICIIECS-2016). Mar. 2016, Coimbatore, Proceedings will be published by IEEE Xplore Digital Library
420	Akriti Gupta, Neel Chatterjee	B. Tech. (ECE)	2016	Design and simulation of GaN HEMT and its application to RF amplifiers	PIERS 2016, 8-11 August 2016, Shanghai, China Proceedings published by IEEE Xplore Digital Library. DOI: 10.1109/PIERS.2016.7735432
421	Ashley Bachani, Ashim Mitra	B.Tech (CE)	2016	Comparative Analysis of Mechanical Properties of Fly-Ash Concrete with Conventional Concrete	Indian Journal of Science & Technology, Volume 9, Issue 30, August 2016. DOI: 10.17485/ijst/2016/v9i30/99207

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422	Prateek Chopra, Megha Bhandari	B.Tech. (ECE)	2016	Conformal Antenna Using Circular Microstrip Patches in C Band	3rd International conference on Signal Processing & Integrated Networks (SPIN-2016). Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/SPIN.2016.7566801
423	Prerna Medhi	B.Tech (ECE)	2016	An Efficient Multistage Security System for User Authentication	International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT-2016), Mar. 2016. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ICEEOT.2016.7755291
424	Sanal Malhotra	B.Tech (ECE)	2016	SSVM Classifier and Hand Gesture based Sign Language Recognition	International Conference on Innovations in information, Embedded and Communication Systems (ICIIECS-2016). Proceedings will be published by IEEE Xplore Digital Library
425	Akshaj Arora, Sahitya Singh	B.Tech (ECE)	2016	A Novel Lotus Shaped multiband Patch Antenna with improved performance	International Conference on Innovations in information, Embedded and Communication Systems (ICIIECS). Proceedings will be published by IEEE Xplore Digital Library
426	Mukul Singh, Kunal Jain, Anish Chopra	B.Tech (ECE)	2016	Sign Language Interpretation Using Pseudo Glove	International Conference on Intelligent Communication, Control & Devices, April 2016. Proceedings published by IEEE Xplore Digital Library DOI: 10.1007/978-981-10-1708-7_2
427	Ila Verma, Pratima Singh, Hemant Kumar	B. Tech. (ECE)	2016	Maple Leaf Planar Fractal Antenna for Energy Harvesting Applications	International Conference on Intelligent Communication, Control and Devices April 2016, India. Proceedings published by IEEE Xplore Digital Library pp 919-925. DOI: https://doi.org/10.1007/978-981-10-1708-7_107
428	Vinayak Ray	B.Tech. (ECE)	2016	Image-Based Fuzzy C-Means Clustering And Connected Component Labeling Subsecond Fast Fully Automatic Complete Cardiac Cycle Left Ventricle Segmentation In Multi Frame Cardiac Mri Images	International Conference on Systems in Medicine and Biology (ICSMB-2016), IIT Kharagpur. Proceedings will be published by IEEE Xplore Digital Library DOI: 10.1109/ICSMB.2016.7915082
429	Arpit Bansal, Aashwin Vats Akshita Jain	B.Tech (ECE)	2016	An Efficient Automatic Intensity Based Method for Detection of Macula in Retinal Images	39th International Conference on Telecommunications and Signal Processing (TSP-2016), Vienna, Austria Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/TSP.2016.7760931
430	Surabhi Singh	B.Tech (ECE)	2016	A constrained re-growing concept for object separation in sea images	6th International Conference on Cloud System and Big Data Engineering, (Confluence-2016), Jan 2016 Proceedings published by IEEE Xplore Digital Library. DOI: 10.1109/CONFLUENCE.2016.7508156
431	Harsh, Naveen Chauhan	B.Tech (ECE)	2016	Feature Line Profile Based Automatic Detection of Dental Caries in Bitewing Radiography	2016 International Conference on Micro-Electronics and Telecommunication Engineering (ICMETE), 22-23 sept, 2016. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ICMETE.2016.59
432	Parakh Aggarwal	B.Tech (ECE)	2016	Abandoned object detection and tracking	International Conference on ICT for Sustainable Development, 1-2 July 2016, Goa, India. Proceedings published by IEEE Xplore Digital Library
433	Ashmita Bhargava & Pavni Gairola	B.Tech (ECE)	2016	Computer aided diagnosis of cervical cancer using HOG features and multi classifier	International conference on intelligent communication control and devices, 15-16 April 2017, Papers will be published by springer verilag.

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434	Nidhi Purohit	M. Tech (VLSI)	2016	A High Speed and Low Power 4-Bit Multiplier using FinFET Technology	Proceedings of the IEEE 2nd International Conference on Next Generation Computing Technologies (NGCT-2016). Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/NGCT.2016.7877390
435	Geethu P.S, Lucky Saurabh	M.Tech (ECE)	2016	The Significance of Dual Bow Tie Array Antenna for 5G Application	International Conference on Micro-Electronics and Telecommunication Engineering,(ICMETE-2016), 22 & 23, September Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ICMETE.2016.108
436	Lucky Saurabh, Geethu P.S	M.Tech (ECE)	2016	Performance analysis of EBG based Dual bow-tie shaped patch antenna with periodic slot on slant edges for Terahertz application	International Conference on Recent Developments in Science, Engineering and Technology (REDSET 2016), Volume 10, Issue 30. DOI: 10.17485/ijst/2017/v10i30/115529
437	Sanjeev Verma, Amayika Kakati	M.Tech (WC)	2016	Performance analysis of GPON network for maximum Q-FACTOR and minimum BER for various fiber length using uniform fiber Bragg's grating	IEEE, International conference on Information technology October 2016. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/INCITE.2016.7857625
438	Sanjeev Verma, Amayika Kakati	M.Tech (WC)	2016	Performance analysis of GPON network for maximum Q-FACTOR and minimum BER for various fiber length using uniform fiber Bragg's grating	IEEE, International conference on Information technology October 2016. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/INCITE.2016.7857625
439	Saumya Agarwal	B.Tech (CE)	2016	Commuters Choice For Valuing Bicycle Facilities – An Adaptive Comprehensive Survey for the City of Noida	International Journal of Civil Engineering and Technology (IJCIET) Volume 7, Issue 5, September-October 2016, pp. 315–321
440	Adityan	B.Tech(CSE)	2016	Opthalmological biometry using ultrasound assisted with toric calculator	Application No 201611035437
441	Jagriti Narang, Nitesh Malhotra, Ashish Mathur	B.Tech ECE	2016	A System and Method for Naked Eye Quantitative Colorimetric Assay for Date Rape Drug Sensing Connected to Smart-Phone APP	Application No.- 201611025138,
442	Aman Kapoor	B.Tech (CSE)	2016	Implementation of a Virtual Reality Operating System (VROS) for the next generation of computing	7th International Conference on Cloud Computing, Data Science and Engineering, Confluence-2017, January 2017, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus. https://doi.org/10.1109/CONFLUENCE.2016.7508216
443	Tanuja Jha, Shubham Krishna Chaturvedi	B. Tech (CSE)	2016	Modeling the Decline of Orkut with Popularity in Facebook	International Conference on Advances in Computing and Data Sciences, Proceedings published by Springer and indexed in Scopus, Singapore. https://doi.org/10.1007/978-981-10-5427-3_41
444	Indu Aggarwal	M. Tech (CSE)	2016	Robust search method for fractal image encoding using fringe based property	12th International Conference Electronics, Energy, Environmrnt, Communication, Computer, Control(E3-C3), INDICON 2015, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus. https://doi.org/10.1109/INDICON.2015.7443162
445	Indu Aggarwal	M. Tech (CSE)	2016	Study of neighborhood search-based fractal image encoding	Advances in Intelligent Systems and Computing, Proceedings published by Springer and indexed in Scopus. https://doi.org/10.1007/978-981-10-0448-3_8

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446	Preedhi Garg	M. Tech (CSE)	2016	Searchless fractal image compression using fast DCT and real DCT	Advances in Intelligent Systems and Computing, Proceedings published by Springer and indexed in Scopus. https://doi.org/10.1007/978-981-10-0448-3_7
447	Preedhi Garg	M. Tech (CSE)	2016	Adaptive fractal image compression based on adaptive thresholding in DCT domain	Advances in Intelligent Systems and Computing, 433, pp 31-40, Proceedings published by Springer and indexed in Scopus. https://doi.org/10.1007/978-81-322-2755-7_4
448	Gaurav Dangi	B. Tech (CSE)	2016	A Smart Approach to Diagnose Heart Disease through Supervised Machine Learning and Springleaf Marketing Response	International Conference on Recent Advances and Innovations in Engineering (ICRAIE-2016), December 2016, Jaipur, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus. https://doi.org/10.1109/ICRAIE.2016.7939547
449	Rajappa S., Sampson R.	B. Tech (CSE)	2016	Implementation of PingER on Android L	7th International Conference on Cloud Computing, Data Science and Engineering, Confluence-2017, January 2017, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus. https://doi.org/10.1109/CONFLUENCE.2017.7943167
450	Hitesh Kumar	B. Tech (CSE)	2016	Impact of Facebook's Checking Feature on Users of Social Networking Sites	3rd International Conference on Computer & Communication Technologies, October 2016, Proceedings published by Springer & indexed by Scopus. https://doi.org/10.1007/978-981-10-3226-4_63
451	Harshit Sinha	B. Tech (CSE)	2016	Computing An Adaptive mVoIP Services Through SDN Networks	5th International Conference on System Modeling & Advancement in Research Trends, November 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus. https://doi.org/10.1109/SYSMART.2016.7894512
452	Nabeel Zaidi	B. Tech (CSE)	2016	Fog Computing: Common Security Issues and Proposed Countermeasures	5th International Conference on System Modeling & Advancement in Research Trends, November 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus. https://doi.org/10.1109/SYSMART.2016.7894541
453	Saurabh Pradhan	B. Tech (CSE)	2016	A Performance based compassion of various Symmetric cryptographic algorithms in run-time scenario	5th International Conference on System Modeling & Advancement in Research Trends, November 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus. https://doi.org/10.1109/SYSMART.2016.7894485
454	Raghav Bansal	B. Tech (CSE)	2016	Blur Image Detection Using Laplacian Operator and OpenCV	5th International Conference on System Modeling & Advancement in Research Trends, November 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus. https://doi.org/10.1109/SYSMART.2016.7894491
455	Chitra Rajagopalan. P	B. Tech (CSE)	2016	Proposal and implementation of cloud security algorithm to enhance the security of the layers	5th International Conference on System Modeling & Advancement in Research Trends, November 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus. https://doi.org/10.1109/SYSMART.2016.7894542
456	Anmol Singh Chaabra	B. Tech (CSE)	2016	A recent Trends on Big Data Analytics	5th International Conference on System Modeling & Advancement in Research Trends, November 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus. https://doi.org/10.1109/SYSMART.2016.7894525

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
456	Jay, Akshita	B. Tech (CSE)	2016	A walk through Testing Techniques	5th International Conference on System Modeling & Advancement in Research Trends, November 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus. https://doi.org/10.1109/SYSMART.2016.7894499
457	Nishant Piyush	B. Tech (CSE)	2016	Conversational Commerce: A new era of e-Business	5th International Conference on System Modeling & Advancement in Research Trends, November 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus. https://doi.org/10.1109/SYSMART.2016.7894543
458	Nidhi Soni, Mayank	B. Tech (CSE)	2016	The looming visible light communication Technology Li-Fi: An Edge over Wi-Fi	5th International Conference on System Modeling & Advancement in Research Trends, November 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org/10.1109/SYSMART.2016.7894519
459	Faraj Chishti	M. Tech (CSE)	2016	Proposed model on coupling measures in aspect oriented software development using fuzzy logic	2nd International Conference on Advances in Computing, Communication & Automation (Fall), ICACCA 2016, pp 240-245, October 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org/10.1109/ICACCAF.2016.7748994
460	Akansha Kapoor	M. Tech (CSE)	2016	A Comparative Study of K-Means, K-Means++ and Fuzzy C- Means Clustering Algorithms	3rd International Conference on Computational Intelligence and Communication Technology, February 2017, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus. https://doi.org/10.1109/CIACT.2017.7977272
461	Vasundhara Bhatia	M. Tech (CSE)	2016	Design of a Fuzzy Model to Detect Equivalent Mutants for Weak and Strong Mutation Testing	International Conference on Internet of Things : Connect Your Worlds (InCITE 2016), October 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org/10.1109/INCITE.2016.7857578
462	Surbhi Gupta	M. Tech (CSE)	2016	Dynamic Classification Mining Techniques for Predicting Phishing URL	International Conference on Soft Computing: Theories and Applications, SocTA, December 2016, Proceedings published by Springer (AISC) & indexed by Scopus. https://doi.org/10.1007/978-981-10-5699-4_50
463	Mahasweta Sarma	B. Tech (CSE)	2016	Human Computation Implementation of Text to User Manipulation	International Conference on Internet of Things : Connect Your Worlds (InCITE 2016), October 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus. https://doi.org/10.1109/INCITE.2016.7857579
464	Kajal Rani	B. Tech (CSE)	2016	A Rigrous Investigation on Big Data Analytics Method	International Conference on Soft Computing: Theories and Applications, SocTA, December 2016, Proceedings published by Springer (AISC) & indexed by Scopus. https://doi.org/10.1007/978-981-10-5699-4_60
465	Ankur Tripathi	M. Tech CSE Weekend	2016	Frequent Query Mining using Association rule mining technique,	International Journal of Control Theory and Applications, Vol 9, Issue 220, pp 283-292, 2016 http://www.serialsjournals.com/serialjournalmanager/pdf/1476777012.pdf
466	Amita Bhardwaj	M. Tech CSE Weekend	2016	Enterprise Resource Planning (ERP) System in Retail- a case study on corporate Indian Retail Firm.	International Journal of Control Theory and Applications, Vol 9, Issue 17, pp 199-209, 2016 http://www.serialsjournals.com/serialjournalmanager/pdf/1480161303.pdf

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467	Aditya Pan	B. Tech (CSE)	2016	Application for the Emulation of PingER on Android Devices	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus. https://doi.org/10.1109/CONFLUENCE.2016.7508178
468	Jahin Majumdar, Aditya Pan	B. Tech (CSE)	2016	Correlation Analysis on Real-Time Tab-Delimited Network Monitoring Data	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org/10.1109/CONFLUENCE.2016.7508126
469	Hitika Atre	B. Tech (CSE)	2016	Offloading Computation for Efficient Mobile Cloud Computing	Indian Journal of Science and Technology, Vol 9(22), 2016 http://dx.doi.org/10.17485/ijst%2F2016%2Fv9i22%2F91978
470	Utsav Singh Verma	B. Tech(CSE)	2016	An efficient method for keyword set enhancement for crawling using Genetic Algorithm	International Conference on Power Electronics, Intelligent Control & Energy Systems, ICPEICES 2016, July 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org/10.1109/ICPEICES.2016.7853465
471	Kalpana Dwivedi	M. Tech(CSE)	2016	Implementation of Data Analytics for MongoDB Using Trigger Utility	Computational Intelligence in Data Mining-Volume 1, Advances in Intelligent Systems and Computing 410, pp. 39-47, Proceedings published by Springer & indexed by Scopus https://doi.org/10.1007/978-81-322-2734-2_5
472	Neha Yadav, S.K. Divyaa	M. Tech(CSE)	2016	Implementation of Operating System Selection Using AHP-Entropy Model	Computational Intelligence in Data Mining-Volume 2, Advances in Intelligent Systems and Computing vol-411, pp. 363-371, Proceedings published by Springer & indexed by Scopus https://doi.org/10.1007/978-81-322-2731-1_34
473	Tanvi Anand, Rekha Pal	M. Tech(CSE)	2016	Data Mining in Healthcare Informatics: Techniques and Applications	3rd International Conference on "Computing for Sustainable Global Development", INDIACom-2016, pp. 5333-5339, March 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus http://ieeexplore.ieee.org/iel7/7589474/7724213/07725015.pdf
474	Kirti Sharawat	M. Tech(CSE)	2016	Metrics based Evaluation of Mobile Application using AHP Entropy Model	3rd International Conference on "Computing for Sustainable Global Development", INDIACom-2016, pp. 4584-4587, March 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus http://ieeexplore.ieee.org/document/7725018/
475	Kritika Puri	B. Tech (CSE)	2016	Analytical and Critical Approach for Usability Measurement Method	3rd International Conference on "Computing for Sustainable Global Development", INDIACom-2016, pp. 7078-7083, March 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus http://ieeexplore.ieee.org/document/7725019/
476	Ruchika Singh	M. Tech (CSE)	2016	Metrics based Usability Evaluation for Adoption and Usage of Mobile Devices and Services By Elderly Population	3rd International Conference on "Computing for Sustainable Global Development", INDIACom-2016, pp. 5261-5265, March 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus http://ieeexplore.ieee.org/document/7725021/

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
477	Divyaa S K, Neha Yadav	M. Tech(CSE)	2016	Usability Evaluation of Mobile Phones By using AHP-Entropy Approach	3rd International Conference on "Computing for Sustainable Global Development", INDIACom-2016, pp. 5296-5300, March 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus http://ieeexplore.ieee.org/document/7725022/
478	Nishit Walter	M. Tech(CSE)	2016	Design and Development of Novice Conceptual Approach for Minimum Spanning Tree	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, pp. 713-717, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org/10.1109/CONFLUENCE.2016.7508212
479	Udit Pant	B. Tech (CSE)	2016	Perspective Approach in Quantum Computing	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, pp. 693-697, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org/10.1109/CONFLUENCE.2016.7508207
480	Jasra Bhat	M. Tech(CSE)	2016	Removal Of High Density Salt And Pepper Noise Using BPANN-Modified Median Based Filter Technique	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, pp.78-82 https://doi.org/10.1109/CONFLUENCE.2016.7508051
481	Kirti Sharawat	M. Tech(CSE)	2016	An Approach to Vendor Selection on Usability Basis by AHP and Fuzzy Topsis Method	International Conference on Soft Computing: Theories and Applications, SocTA, December 2016, Proceedings published by Springer (AISC) & indexed by Scopus https://doi.org/10.1007/978-981-10-5699-4_56
482	Anchal Kalra	M. Tech(CSE)	2016	A Hybrid Approach using Sobel and Canny operator for Digital Image Edge Detection	ICMETE 2016, September 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org/10.1109/ICMETE.2016.49
483	Astha Singhal	B. Tech (CSE)	2016	Measuring informativeness of a web document	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org/10.1109/CONFLUENCE.2016.7508199
484	Harshit Tripathi	B. Tech (CSE)	2016	Software Risk Measurement And Interpretation With Generated Precedence Matrix	International Conference on Communication and Networks ComNet 2016, February, 2016 organized by CSI and ACM at Ahmedabad Management Association , Ahmedabad, India, Proceedings published by Springer & indexed by Scopus https://doi.org/10.1007/978-981-10-2750-5_19
485	Savy Gupta	B. Tech (CSE)	2016	Measuring Cloud Security from risks Perspective	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org/10.1109/CONFLUENCE.2016.7508116
486	Rashim Bhardwaj	M. Tech(CSE)	2016	Review on human activity recognition using soft computing	International Conference on Soft Computing: Theories and Applications, SocTA, December 2016, Proceedings published by Springer (AISC) & indexed by Scopus https://doi.org/10.1007/978-981-10-5687-1_70
487	Sajal Tyagi	B. Tech (CSE)	2016	Different Scheduling Options in YARN	International Conference on Micro-Electronics and Telecommunication Engineering (ICMETE) Sept. 2016, SRM University, Ghaziabad, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org/10.1109/ICMETE.2016.52

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488	Varsha Parashar	M. Tech (CSE)	2016	PSO and GA Parameters Estimation for Digital Watermarking Algorithm	5th International Conference on. Reliability, Infocom Technologies and. Optimization (ICRITO 2016), September 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org/10.1109/ICRITO.2016.7784985
489	Varsha Parashar	M. Tech (CSE)	2016	Meta Heuristic Approaches for Watermarking Embedding Strength Estimation	2nd International Conference on Applied and Theoretical Computing and Communication Technology (ICATCCT 2016), July 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus
490	Anshul Sharma	B. Tech (CSE)	2016	Perceptually Transparent Watermarking of Audio Signals	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org/10.1109/CONFLUENCE.2016.7508163
491	Jaya Bajpai	B. Tech (CSE)	2016	A Literature Survey –Various Audio Watermarking Techniques and their challenges	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org/10.1109/CONFLUENCE.2016.7508162
492	Utsav Singh Verma	B. Tech (CSE)	2016	Agriculture Aid for Seed Cultivation : An Agribot	International Conference on Computing Communication and Automation, ICCCA, April 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org/10.1109/CCAA.2016.7813860
493	Anwesha Mal	B. Tech (CSE)	2016	Analysis and Clustering of PingER Network Data	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, pp. 268-273, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org/10.1109/CONFLUENCE.2016.7508127
494	Ishwank Rathee	B. Tech (CSE)	2016	Student Performance Analysis Using Clustering Algorithm	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, pp. 294-299, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org/10.1109/CONFLUENCE.2016.7508131
495	Vineeta Kunwar, Khusboo Chandel	M. Tech (CSE)	2016	Chronic kidney disease analysis using data mining classification techniques	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, pp. 300-305, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org/10.1109/CONFLUENCE.2016.7508132
496	Biswajit Sarkar, S Sarkar	M. Tech (ECE)	2016	Performance analysis of students learning metric using K-Mean clustering approach	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org/10.1109/CONFLUENCE.2016.7508140
497	Sayam, Atul Jayaram	B.Tech (CSE+MBA)	2016	Bayesian belief approach for Business services in IoT	SHANNON100- 3rd International Conference on Computing Sciences Indian Journal of Science and Technology 2016, Indexed by Scopus. http://serialsjournals.com/serialjournalmanager/pdf/1501570081.pdf
498	Kartik Sharma	B.Tech (CSE)	2016	Automobile Engine Performance Analysis using Regression Technique	SHANNON100- 3rd International Conference on Computing Sciences Indian Journal of Science and Technology 2016, Indexed by Scopus http://dx.doi.org/10.17485/ijst%2F2016%2Fv9i44%2F105078

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
499	Divya Joshi	M.Tech (CSE)	2016	Air pollution data analysis using time series clustering for IOT	SHANNON100- 3rd International Conference on Computing Sciences Indian Journal of Science and Technology 2016, Indexed by Scopus http://serialsjournals.com/serialjournalmanager/pdf/1501571009.pdf
500	Ranjan Panda	M.Tech (CSE)	2016	A Study of Sustainability on water quality of north Indian rivers using Data Mining Techniques	SHANNON100- 3rd International Conference on Computing Sciences Indian Journal of Science and Technology 2016, Indexed by Scopus http://serialsjournals.com/serialjournalmanager/pdf/1501570637.pdf
501	Rohit Ahalawat	M. Tech(CSE)	2016	Proposed Approach for Book Recommendation Based on User K-NN	International Conference on Computer, Communication and Computational Sciences (ICCCCS- 2016), Proceedings published in Springer Book Series on Advances in Intelligent Systems and Computing & indexed by Scopus https://doi.org/10.1007/978-981-10-3773-3_53
502	Udit Aggarwal	M. Tech(CSE)	2016	Time series forecasting of stock market index	India International Conference on Information Processing-2016 : on the theme "Data Mining And Data Warehousing"(IICIP-2016), Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org/10.1109/IICIP.2016.7975381
503	Shagun Sharma	B. Tech (CSE)	2016	Flight Crash Investigation Using Data Mining Techniques	India International Conference on Information Processing-2016 : on the theme "Data Mining And Data Warehousing"(IICIP-2016), Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org/10.1109/IICIP.2016.7975390
504	Kavita Chauhan	M. Tech(CSE)	2016	Analysis and Optimization of Feature Extraction Techniques for Content Based Image Retrieval	3rd International Conference on Information System Design and Intelligent Applications (INDIA 2016) pp 357-365, Proceedings published by Springer & indexed by Scopus https://doi.org/10.1007/978-81-322-2757-1_36
505	Roshan Jameel	M. Tech(CSE)	2016	A Comprehensive Study on Facial Expressions Recognition Techniques	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org/10.1109/CONFLUENCE.2016.7508167
506	Umang Garg	M. Tech(CSE)	2016	An Estimation of Software Testability using Fuzzy Logic	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org/10.1109/CONFLUENCE.2016.7508094
507	Surbhi Gupta, Akanksha Kapoor	M. Tech(CSE)	2016	A Literature Survey on Social Engineering Attacks : Phishing Attack	2nd IEEE International Conference on Computing, Communication and Automation (ICCCA-2016), Greater Noida, India, April 2016 , Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org/10.1109/CCAA.2016.7813778
508	Shruti Mangla	M. Tech(CSE)	2016	Assessment of Examination Paper Quality using Soft Computing Technique	International Conference on Computer, Communication and Computational Sciences (ICCCCS 2016), August 2016, Ajmer, Proceedings published by Scopus& indexed by Scopus https://doi.org/10.1007/978-981-10-3773-3_46

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
509	Pavi Saraswat	M. Tech (CSE)	2016	A Hybrid Approach for Test Case Prioritization and Optimization using Meta-Heuristics Techniques	INDIA International Conference on Information Processing (IICIP 2016), Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org/10.1109/IICIP.2016.7975319
510	Vasundhara Bhatia	M. Tech (CSE)	2016	Class/aspect Level Mutation Operators in Aspect-oriented Software Systems	INDIA International Conference on Information Processing (IICIP 2016), Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org/10.1109/IICIP.2016.7975397
511	Garima Bhatia	M. Tech (CSE)	2016	Disease Recognition and Classification from Movement Patterns	3rd International Conference on Computing for Sustainable Global Development (INDIACom), pp. 3682-3687, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus http://ieeexplore.ieee.org/document/7724949/
512	Sanjana Das	B. Tech (CSE)	2016	Predictive Analysis of Dengue and Malaria	2nd IEEE International Conference on Computing, Communication and Automation, 2016; Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org/10.1109/CCAA.2016.7813712
513	Nitika Gupta	M. Tech (CSE)	2016	Wormhole Attacks in Manet	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org/10.1109/CONFLUENCE.2016.7508120
514	Annu Kumari	M. Tech (CSE)	2016	A review paper on E-Governance: Transforming Government	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org/10.1109/CONFLUENCE.2016.7508206
515	Chanchal Kumari	M. Tech (CSE)	2016	Canonization Rule for Detecting different URLs	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org/10.1109/CONFLUENCE.2016.7508093
516	Rashi Bansal	M. Tech (CSE)	2016	Outlier Detection: Application and Techniques in Data Mining	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org/10.1109/CONFLUENCE.2016.7508146
517	Neetu Kumari	M. Tech(CSE)	2016	Sentiment Analysis on E-Commerce application By using Opinion Mining	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/CONFLUENCE.2016.7508136
518	Shelly Gupta	M. Tech (CSE)	2016	Clustering Method applied for Gene Expression data: Study	2nd International Conference on Computational Intelligence and Communication Technology, February 2016, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/CICT.2016.149
519	Richa Sharma	M. Tech(CSE)	2016	Medical Data Mining Using Different Classification and Clustering Techniques: A critical Survey	2nd International Conference on Computational Intelligence and Communication Technology, February 2016, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/CICT.2016.142

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520	Anshi Gupta	M. Tech (CSE)	2016	A Revolutionary Approach of Data Replication in Mining Methodology	3rd International Conference on "Computing for Sustainable Global Development", INDIACom-2016, pp. 5333-5339, March 2016, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus http://ieeexplore.ieee.org/document/7724413/
521	Monalisha Kushwaha	M. Tech(CSE)	2016	Green Computing Evaluation Process	3rd International Conference on "Computing for Sustainable Global Development", INDIACom-2016, pp. 5333-5339, March 2016, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus http://ieeexplore.ieee.org/document/7724979/
522	Palak Khurana	M. Tech(CSE)	2016	A survey on Object and segmentation Techniques	3rd International Conference on "Computing for Sustainable Global Development", INDIACom-2016, pp. 5333-5339, March 2016, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus http://ieeexplore.ieee.org/document/7724975/
523	Uzair Asad	M. Tech(CSE)	2016	Analytical Review on Video-Based Human Activity Recognition	3rd International Conference on "Computing for Sustainable Global Development", INDIACom-2016, pp. 5333-5339, March 2016, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus http://ieeexplore.ieee.org/document/7724978/
524	Neha Goyal	M. Tech(CSE)	2016	A Study Report on Virtualization Technique	International Conference on Computing Communication and Automation (ICCCA 2016), April 2016, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/CCAA.2016.7813908
525	Parli B. Hari	M. Tech(CSE)	2016	Security Issues in Wireless Sensor Network: Current Research and Challenges	International Conference on Advance Computing Communication and Automation (ICACCA 2016), April 2016, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/ICACCA.2016.7578876
526	Mehul Nanda, Aakarsh Tyagi, Karan Saxena	B. Tech (CSE) Cloud Computing	2016	Hindrances in the Security of	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/CONFLUENCE.2016.7508112
527	Sonia Sharam	M. Tech(CSE)	2016	Genetic Algorithm, Particle Swarm Optimization and Harmony Search: A quick comparison	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/CONFLUENCE.2016.7508044
528	Majual Rajput, Varun Mishra	B. Tech CSE (Eve)	2016	Performance Comparison of Pattern Search, Simulated Annealing, Genetic Algorithm and Jaya Algorithm	3rd International Conference on Computer Communication Technologies (IC3T 2016), Proceedings published by Springerand indexed in Scopus and SCI https://doi.org/10.1007/978-981-10-3223-3_36
529	Nidhi Jain	B. Tech (CSE)	2016	Performance Evaluation of Reproduction Operators in Genetic Algorithm	3rd International Conference on Computer Communication Technologies (IC3T 2016), Proceedings published by Springer and indexed in Scopus and SCI https://doi.org/10.1007/978-981-10-3226-4_46

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
530	Rohit Ahalawat, S Sahay	M. Tech (CSE)	2016	Analysis of factors affecting enrollment pattern in Indian universities using k-means clustering	International Conference on Internet of Things : Connect Your Worlds (InCITE 2016), pp. 321-326, October 2016, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/INCITE.2016.7857639
531	Mehul Nanda, Karan Saxena	B. Tech (CSE)	2016	ECG Diagnosis Using Digital Image Processing	Sixth International Conference on Advanced Computing and Communication Technologies, 2016, Proceedings published by RPS Online http://rpsonline.com.sg/proceedings/9789811107832/html/417.xml
532	Shobhna Jayaraman	B. Tech (CSE)	2016	Analysis of Various Machine Learning Algorithms for Enhanced Opinion Mining using Twitter Data Streams	International Conference on Micro-Electronics and Telecommunication Engineering, September 2016, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/ICMETE.2016.19
533	Bhawna Arora	M. Tech (CSE)	2016	An exhaustive and comparative analysis of brain computer interface algorithms	2nd International Conference On Next Generation Computing Technologies-NGCT 2016, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/NGCT.2016.7877415
534	Bhawna Arora	M. Tech (CSE)	2016	An Intelligent way to play music by brain activity using Brain Computer Interface	2nd International Conference On Next Generation Computing Technologies-NGCT 2016, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org /10.1109/NGCT.2016.7877419
535	Vikas Kumar	B. Tech(CSE-3C)	2016	Physical Telepresence: Growth trends of Tangible User Interface and its future	2nd International Conference On Next Generation Computing Technologies-NGCT 2016, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org /10.1109/NGCT.2016.7877420
536	Jay	B. Tech (CSE)	2016	Method for Calculating Relative Performance of Microprocessors for Comparison under Ideal State	International Conference on Internet of Things : Connect Your Worlds (InCITE 2016), October 2016, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org /10.1109/INCITE.2016.7857592
537	Saksham Gulati	B. Tech (CSE)	2016	Bang of Social Engineering in Social Networking Sites	International Congress on Information and Communication Technology Volume 438, Advances in Intelligent Systems and Computing Series ,pp 333-341, Proceedings published by Springer and indexed in Scopus https://doi.org /10.1007/978-981-10-0767-5_36
538	Aman Kapoor	B. Tech (CSE)	2016	Implementation of a Virtual Reality Operating System (VROS) for the Next Generation of Computing	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org /10.1109/CONFLUENCE.2016.7508216
539	Sanchita Kadambari	M. Tech(CSE)	2016	Prefetching web pages for improving user access latency using integrated Web Usage Mining	International Conference Communication, Control and Intelligent Systems, CCIS 2015, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org /10.1109/CCIntelS.2015.7437949

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S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
540	Geetika Jain	M. Tech(CSE)	2016	Implementation of the principle of jamming for hulk gripper remotely controlled by raspberry pi	5th International Conference on Soft Computing for Problem Solving, SocProS 2015, Proceedings published by Springer and indexed in Scopus https://doi.org /10.1007/978-981-10-0448-3_16
541	Prince Srivastav	B. Tech (CSE)	2016	Fraud Mail Recognition Incorporated with Hypernyms Key Word Mining	International Conference on Advanced Computing and Communication Technologies ACCT 2016, Proceedings published by Springer and indexed in Scopus https://doi.org /10.3850/978-981-11-0783-2_397
542	Shweta	B. Tech (CSE)	2016	A Dual Phase Probabilistic Model for Dermatology Classification	Application of Computational Intelligence in Data Processing ACIDP, Proceedings published by Springer AISC and indexed in Scopus https://doi.org /10.1007/978-981-10-3226-4_45
543	Deepika Bajaj	M. Tech(CSE)	2016	Comparative Analysis of Shot Boundary Detection Algorithms for Video Summarization	3rd International Conference on Recent Development in Science, Engineering and Technology (REDSET), October, 2016. Proceedings published by Springer and indexed in Scopus https://doi.org/10.1007/s40012-016-0093-0
544	Sumati Manchanda	M. Tech (CSE)	2016	Identifying Moving Objects In A Video Using Modified Background Subtraction And Optical Flow Method	3rd International Conference on Computing for Sustainable Global development, March 2016, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7724241
545	Pooja Sharma	M. Tech (CSE)	2016	Image Processing based Degraded Camera Captured Document Enhancement for Improved OCR Accuracy	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org /10.1109/CONFLUENCE.2016.7508160
546	Pooja Sharma	M. Tech (CSE)	2016	An analysis of Vision Based Techniques for Quality assessment and Enhancement of Camera Captured Document Images	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org /10.1109/CONFLUENCE.2016.7508157
547	Sumati Manchanda	M. Tech(CSE)	2016	Analysis of Computer Vision based Techniques for Motion Detection	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org /10.1109/CONFLUENCE.2016.7508161
548	Roohi Arora	B. Tech (CSE)	2016	Framework for Augmenting Security Systems at Airport	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org /10.1109/CONFLUENCE.2016.7508119
549	Poojitha	B. Tech (CSE)	2016	A collocation of IRIS flower using neural network clustering tool in MATLAB	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org /10.1109/CONFLUENCE.2016.7508047
550	Skand, Manav	B. Tech (CSE)	2016	Learners Grouping in Massive Open Online Courses	American Journal of Distance Education, Taylor and Francis https://doi.org/10.1080/08923647.2017.1300461

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
551	Khushboo Chandel, Saurabh Mukherjee, Veenita Kunwar	M. Tech (CSE)	2016	A Comparative Study on thyroid disease detection using K-Nearest Neighbor and Naive Bayes Classification Techniques	3rd International Conference on Recent Development in Science, Engineering and Technology (REDSET), October, 2016, CSI Transactions on ICT, pp 1-7 Proceedings published by Springer and indexed in Scopus https://doi.org/10.1007/s40012-016-0100-5
552	Rohit Ahlawat, Sushil Sahay	M. Tech (CSE)	2016	Analysis of factors affecting enrollment pattern in Indian universities using k-means clustering	International Conference on Internet of Things : Connect Your Worlds (InCITE 2016), October 2016, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org /10.1109/INCITE.2016.7857639
553	Nisha Mattas	M. Tech(IT)	2016	Landscape Analysis of Patent Dataset	Published by) NISCAIR-CSIR, India ,0975-1076 (Online); 0971-7544 (Print) http://nopr.niscair.res.in/bitstream/123456789/.../1/JIPR%2021%284%29%20211-225.pdf
554	Shankar, S., Sarkar, B. D	M. Tech (ECE)	2016	Performance analysis of student learning metric using K-mean clustering approach K-mean cluster	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, , pp. 341-345, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org /10.1109/CONFLUENCE.2016.7508140
555	Tejal, Bhawna Juneja	B. Tech (CSE)	2016	Ada Boosting for Case-Based Recommendation System	International Conference on Internet of Things : Connect Your Worlds (InCITE 2016), October 2016, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org /10.1109/INCITE.2016.7857591
556	Shivam Lohia	B. Tech (CSE)	2016	A Systematic Literature Survey of Non Functional Requirement Prioritization Practices and Approaches	International Journal of Software Engineering and Its Applications (IJSEIA) http://dx.doi.org/10.14257/ijseia.2017.11.2.01
557	Shivam Lohia	B. Tech (CSE)	2016	Non Functional Requirement Prioritization Approach Based on Dependencies and Usage Count	International Journal of Software Engineering and Its Applications (IJSEIA) https://doi.org /10.1109/ICTUS.2017.8286039
558	Prashast Sahay, Ijya Chugh, Ridhima Gupta	B. Tech (CSE)	2016	Visually classified and tagged video repository	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, pp 467-472, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org /10.1109/CONFLUENCE.2016.7508165
559	Prashast Sahay Ijya Chugh, Ridhima Gupta	B. Tech (CSE)	2016	Techniques for key frame extraction: Shot segmentation and feature trajectory computation	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, pp 463-466, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/CONFLUENCE.2016.7508164
560	P Sahay, R Gupta, H Zabin	B. Tech (CSE)	2016	Global library innovative system: An image-search facilitated library system	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, pp473-477, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org /10.1109/CONFLUENCE.2016.7508166
561	Anupam Sharma	B. Tech (CSE)	2016	Versatile Web Based thin client OS using Cloud services by using concept of Cloud Driving	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, pp 203-208, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org /10.1109/CONFLUENCE.2016.7508114

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
562	Dharmendra Yadav	M. Tech(CSE)	2016	Real Time System Tools over Business Demand and Behaviour of Social Community	3rd International conferences on Innovations Embedded and Communication Systems, March 2016, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/GET.2016.7916750
563	Abdul Rehman	B. Tech (CSE)	2016	Comparative study of WSN Protocols (LEACH, PEGASIS and TEEN)	Third International Conference on Image Information Processing (ICIIP), Waknaghat, Dec. 2015, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/ICIIP.2015.7414810
564	Pratiksha Mittra	B. Tech (CSE)	2016	A Desktop Application of QR Code for Data Security and Authentication	International Conference on Inventive Computation Technologies (ICICT), 26 Aug - 27 Aug 2016, Coimbatore, Tamil Nadu, India, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/INVENTIVE.2016.7824809
565	Kanika Agarwal	M. Tech(CSE)	2016	Node Mobility Issues in Underwater Wireless Sensor Network	International Conference on Computer, Communication and Computational Sciences (ICCCCS- 2016), ACERC, Ajmer, , Proceedings published by Springer and indexed in Scopus https://doi.org/10.1007/978-981-10-3770-2_27
566	Sandeep Khanna	B. Tech(CSE)	2016	Operations on Cloud Data (Classification and Data Redundancy)	International Conference on Computer, Communication and Computational Sciences (ICCCCS- 2016), ACERC, Ajmer, , Proceedings published by Springer and indexed in Scopus https://doi.org/10.1007/978-981-10-3773-3_17
567	Avantika Agarwal	B. Tech(CSE)	2016	Cost Effective Parameter Analysis of Real Time Multi Core Algorithms	International Conference on Computer, Communication and Computational Sciences (ICCCCS- 2016), ACERC, Ajmer, , Proceedings published by Springer and indexed in Scopus https://doi.org/10.1007/978-981-10-3770-2_55
568	K. Sai Shivankita	M. Tech(CSE)	2016	Motion Estimation Enhancement and Data Transmission Issue over WiMAX Network	International Conference on Computer, Communication and Computational Sciences (ICCCCS- 2016), ACERC, Ajmer, , Proceedings published by Springer and indexed in Scopus https://doi.org/10.1007/978-981-10-3770-2_30
569	Akash Agarwal	B. Tech(CSE)	2016	Efficient Module for OHM (Online Hybrid Model)	International Conference on Computer, Communication and Computational Sciences (ICCCCS- 2016), ACERC, Ajmer, , Proceedings published by Springer and indexed in Scopus https://doi.org/10.1007/978-981-10-3770-2_34
570	Kanika Agarwal	M. Tech(CSE)	2016	Robustness Analysis of Buffer Based Routing Algorithms in Wireless Mesh Network	International Conference on Computer, Communication and Computational Sciences (ICCCCS- 2016), ACERC, Ajmer, , Proceedings published by Springer and indexed in Scopus https://doi.org/10.1007/978-981-10-3770-2_17
571	Kamal Nayan Chaturvedi	M. Tech(CSE)	2016	NS2 based Structured Network Attacks Scrutiny in MANET	International Conference on Recent Advancement in Computer, Communication and Computational Sciences(ICRACCCS-2016), Proceedings published by Springer and indexed in Scopus https://doi.org/10.1007/978-981-10-4585-1_9

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
572	Abdul Rehman Khan	B. Tech (CSE)	2016	GLCM Feature Extraction through for Insect Bites Pattern Recognition	International Conference on Recent Advancement in Computer, Communication and Computational Sciences(ICRACCCS-2016), Proceedings published by Springer and indexed in Scopus https://doi.org/10.1007/978-981-10-4585-1_23
573	Harshita	B. Tech(CSE)	2016	LPC And LPCC method of feature Extraction in speech recognition system	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/CONFLUENCE.2016.7508171
574	Kartiki Gupta	B. Tech(CSE)	2016	An analysis on LPC, RASTA and MFCC techniques in Automatic Speech Recognition System	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/CONFLUENCE.2016.7508170
575	Tarun Prakash, Kritika Patel	M. Tech (Data Science)	2016	Geo-identification of web users through logs using ELK stack	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, pp. 693-697,Proceedings published by IEEE Xplore Digital Library and indexed in Scopus. https://doi.org/10.1109/CONFLUENCE.2016.7508191
576	Himani Shukla	M. Tech (Data Science)	2016	Keyword extraction from Educational Video transcripts using NLP techniques	6th International Conference on the theme Cloud System and Big Data Engineering, Confluence 2016, January 2016, pp. 693-697,Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/CONFLUENCE.2016.7508096
577	Nisha Mattas	M.Tech (IT)	2016	Landscape analysis of patent dataset	Journal of intellectual property rights, vol 21, CSIR-NISCAIR, 2016, pp 211-225
578	Singh V., Gupta, H.	M. Tech. (IT) weekend	2016	Developing quality enhancement framework using ism in software industries	International Journal of Control Theory and Applications, Volume 9, Issue Specialissue11, 2016, Pages 5227-5234
579	Rajneesh Tanwar, Krishna Kanth Gupta	M.Tech (CN&IS)	2016	Opimized Approach to Electing Coordinator Out of Multiple Election in a Ring Algorithm of Distributed System	International Conference on Advanced Computing and Intelligent Engineering (ICACIE 2016) 21st -23rd December, 2016. Proceedings will be published by Advances in Intelligent Systems and Computing (AISC) series of Springer
580	Gargi Mehrotra	M.Tech (CN&IS)	2016	IRIS acknowledgment basedconfirmation framework in ATM	International Conference on Advanced Computing and Intelligent Engineering (ICACIE 2016) 21st -23rd December, 2016. Proceedings will be published by Advances in Intelligent Systems and Computing (AISC) series of Springer
581	Dikshant Gupta, Suhani Sinha	B.Tech (IT)	2016	Network intrusion detection system using various data mining techniques	International Conference on Research Advances in Integrated Navigation Systems (RAINS) 6th -7th May, 2016. Published in IEEE Xplore and indexed in Scopus
582	Hina Gupta	M. Tech. (IT) Weekend	2016	Utility of Corpus based Approach in the Recognition of Opinionated Text	Published in Indian Journal of Science and Technology. 2016 Nov 28;9(44)
583	Ahmad Khalid Nazari	M.Tech (IT)	2016	Commerce- Consumer perceptive model for online purchases	International Conference on Advanced Computing and Intelligent Engineering (ICACIE 2016) 21st -23rd December, 2016. Proceedings will be published by Advances in Intelligent Systems and Computing (AISC) series of Springer

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
584	Shweta Rana	M.Tech (IT)	2016	Comparative Analysis of Sentiment Orientation Using SVM and Naïve Bayes Techniques	Next Generation Computing Technologies, (NGCT) 14th -16th October, 2016. Published in IEEE Xplore and indexed in Scopus
585	Neha Gaur	M.Tech (IT)	2016	Performance Analysis of Social Network Algorithms on Real World Networks	International Conference on Sustainable Computing Techniques in Engineering, Science and Management (SCESM 2016) held on 9th -10th September, 2016. Published in IEEE Xplore and indexed in Scopus
586	Bhumika Thereja	B.Tech. (IT)	2016	Performance Assesment in E-Bussiness for Automobile Accessories Website	International Conference on Sustainable Computing Techniques in Engineering, Science and Management (SCESM 2016) 9th -10th September, 2016. Published in IEEE Xplore and indexed in Scopus
587	Anchal Sood	B. Tech. (IT)	2016	AAWAAZ A Communication System for Deaf and Dumb	International Conference on Reliability, Infocom Technologies and Optimization (ICRITO 2016) 7th -9th September, 2016. Proceeding is published in IEEE Xplore and indexed in Scopus
588	Jyotsna Nigam, Richu Thakur	B.Tech. (IT)	2016	Wavelet Based Robust Watermarking Technique for Integrity Control in Medical Images	International Conference on Micro-Electronics and Tele-Communication Engineering 22nd -23rd Sept., 2016. Published in IEEE Xplore and indexed in Scopus
589	Shikha Karwal, Pulkit Mundra	B.Tech. (IT)	2016	DWT-SVD Based Watermarking Scheme of JPEG Images using Elliptic Curve Cryptography	International Conference on Reliability, Infocom Technologies and Optimization (ICRITO 2016) 7th -9th September, 2016. Published in IEEE Xplore and indexed in Scopus
590	Abhishek Wadhwa	B. Tech. (IT)	2016	Analyses using Hive and Comparison of Visualization tools on Hadoop	International Conference on Recent Developments in Science, Engineering & Technology. (REDSET 2016) 21st -22nd Oct., 2016. Published in Springer CCIS series
591	Sumana Ghosh, Navjot Kaur Walia	M.Tech. (IT)	2016	A fuzzy association rule mining approach using movie lens dataset	Published in CSI Transactions on ICT, December 2016, Volume 4, Issue 2–4, pp 249–254 by Springer
592	Azra Bashir	M.Tech. (IT)	2016	Qos ensurance in cloud	International Journal of Control Theory and Applications Volume 9 Issue No 11,pp. 5191-5198, 2016. Indexed in Scopus
593	Ishita Kapoor	B.Tech. (IT)	2016	Home Security Using Biometric Sensor	International Journal of Control Theory and Applications Volume 9, Issue No 17, pp. 8407-8413, 2016. Indexed in Scopus
594	Rishabh Bhandari, Surabhi Pandey	B.Tech. (IT)	2016	Communication Portal using XAMPP	International Journal of Control Theory and Applications Volume 9, Issue No 18 2016, pp. 8945-8951. Indexed in Scopus
595	Divesh Keswani	B.Tech. (IT)	2016	Google's Project Loon	International Journal of Control Theory and Applications Volume 9, Issue No 17, 2016, 8399-8406. Indexed in Scopus
596	Rajneesh Tanwar, Ahmad Khalid Nazari	M.Tech. (IT)	2016	Railway Reservation Verification by Aadhar Card	International Conference on Computational Modeling and Security (CMS 2016) 11th -13th February, 2016. Proceedings published in Procedia Computer Science, Elsevier and indexed in Scopus
597	Divya Lal, Adiba Abidin	M.Tech. (IT)	2016	Advanced Immediate Crime Reporting to Police in India	International Conference on Computational Modeling and Security (CMS 2016) 11th -13th February, 2016. Proceedings published in Procedia Computer Science, Elsevier and indexed in Scopus

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
598	Mohammed Aashkaar	M.Tech. (IT)	2016	Performance Analysis using J48 Decision Tree for Indian Corporate world	International Conference on Research Advances in Integrated Navigation Systems (RAINS) 6th -7th May, 2016. Published in IEEE Xplore and indexed in Scopus
599	Mohammed Aashkaar	M.Tech. (IT)	2016	Enhanced energy efficient AODV routing protocol for MANET	International Conference on Research Advances in Integrated Navigation Systems (RAINS) 6th -7th May, 2016. Published in IEEE Xplore and indexed in Scopus
600	Harleen Kaur	M.Tech. (IT)	2016	Analysis of Hadoop Performance And Unstructured Data Using Zeppelin	International Conference on Research Advances in Integrated Navigation Systems (RAINS) 6th -7th May, 2016. Published in IEEE Xplore and indexed in Scopus
601	Shruti Sharma	M.Tech (SE)	2016	A Comprehensive Study on State of Scrum Development	International Conference on Computing, Communication and Automation (ICCCA-2016) 29th – 30th April, 2016. Published in IEEE Xplore and indexed in Scopus
602	Noshiba Nazir	M.Tech. (IT)	2016	A survey on Agile Practices in the Indian IT Industry	Confluence-2016: Global Technology, Innovation & Entrepreneurship Summit 14th -15th January, 2016. Published in IEEE Xplore and indexed in Scopus
603	Pooja Sharma	M.Tech (SE)	2016	Analysis of linear sequential and extreme programming development methodology for a gaming application	International Conference on Communication and Signal Processing (ICCSP'16) 6th -8th April, 2016. Published in IEEE Xplore and indexed in Scopus
604	Nisha Mattas	M.Tech (IT)	2016	Landscape analysis of patent dataset	Journal of intellectual property rights, vol 21, CSIR-NISCAIR, 2016, pp 211-225
605	Shruti Sharma	M. Tech (SE)	2016	Identifying the contextual relationship among agile adoption factors though interpretive structural modeling	2016 International Conference on Information Technology (InCITe) - The Next Generation IT Summit on the Theme - Internet of Things: Connect your Worlds 6th -7th October, 2016. Proceedings published in IEEExplore and indexed in Scopus
606	Kanamarlapudi Krishna Kanth Gupta, Rajneesh Tanwar	M.Tech (CNIS)	2016	Securing an external drive by using internet, by use of IOT concept	International Conference on Advanced Computing, Networking, and Informatics (ICACNI – 2016) 22nd -24th September, 2016. Published in Advances in Intelligent Systems and Computing, Springer
607	Kanamarlapudi Krishna Kanth Gupta, Rajneesh Tanwar	M.Tech (CN&IS)	2016	Optimized approach to electing coordination out of multiple election in a ring algorithm of distributed system	International Conference on Advanced Computing, Networking, and Informatics (ICACNI – 2016) 22nd -24th September, 2016. Published in Advances in Intelligent Systems and Computing, Springer
608	Pooja Sharma	M.Tech. (IT)	2016	Functional & Non-Functional Requirement Elicitation and Risk Assessment for Agile Processes	International Conference on Sustainable Computing Techniques in Engineering, Science and Management (SCESM 2016) 9th -10th September, 2016. Published in IEEE Xplore and indexed in Scopus
609	Sumana Ghosh Shweta Shukla	M.Tech. (IT)	2016	Application ofDecision Tree for understanding Indian Educational Scenario	International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT) 3rd -5th March, 2016. Published in IEEE Xplore and indexed in Scopus
610	Gursewak Singh Sidhu1, Md. Asadur Rahman	M.Tech. (IT)	2016	Analysis of approaches for extracting text through images	International Conference on Electrical, Electronics, Engineering Trends, Communication, Optimization and Sciences (EEECOS 2016) 1st -2nd June, 2016. Published in IET Digital Library and indexed by IET Inspec

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S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
611	Nisha Mattas	M.Tech. (IT)	2016	Landscape analysis of patent dataset	Journal of Intellectual Property Rights, JIPR Vol.21(4) [July 2016], pp-211-225
612	Neha Gaur	M.Tech. (IT)	2016	Recommender System - Making Lifestyle healthy Using Information Retrieval	Next Generation Computing Technologies, (NGCT) 14th -16th October, 2016. Published in IEEE Xplore and indexed in Scopus
613	Navjot Kaur Walia	M.Tech. (IT)	2016	An IOT by Information Retrieval approach: Smart Lights controlled using WiF	Confluence-2016: Global Technology, Innovation & Entrepreneurship Summit 14th -15th January, 2016. Published in IEEE Xplore and indexed in Scopus
614	Navjot Kaur Walia	M.Tech. (IT)	2016	Prediction of carbon stock available in forest using naïve bayes Approach	International Conference on Computational Intelligence and Communication Technology (CICT 2016) 12th -13th February, 2016. Published in IEEE Xplore and indexed in Scopus
615	K. KrishnaKanth Gupta	M.Tech. (CN&IS)	2016	Internet of Things: Security Challenges for Next Generation Networks	International Conference on Innovation and Challenges in Cyber Security (ICICCS-INBUSH) 3rd -5th February, 2016. Published in IEEE Xplore and indexed in Scopus
616	Ayushi Jain, Garima Ahuja	B.Tech. (IT)	2016	Data Mining approach to analyse the road accidents in India	International Conference on Reliability, Infocom Technologies and Optimization (ICRITO 2016) 7th -9th September, 2016. Published in IEEE Xplore and indexed in Scopus
617	Ayushi Shukla	B.Tech. (IT)	2016	Tools for Data Visualization in Business Intelligence: Case Study Using the Tool Qlikview	International Conference on Information System Design and Intelligent Application (INDIA 2016) 8th -9th January, 2016. Published in Information Systems Design and Intelligent Applications. Advances in Intelligent Systems and Computing. Springer
618	Ruchie Goswami, Mansi Jasuja	B.Tech. (IT)	2016	Impact of Different Estimation Approaches in Traditional and Agile Development	International Conference on Computational Intelligence and Communication Technology (CICT 2016) 12th -13th February, 2016. Published in IEEE Xplore and indexed in Scopus
619	Shivangi Gupta	B.Tech. (IT)	2016	Issues, Challenges and Estimation Process for Secure Web Application Development	International Conference on Computational Intelligence and Communication Technology (CICT 2016) 12th -13th February, 2016. Published in IEEE Xplore and indexed in Scopus
620	Vani Garg	Ph.D.	2016	Phase Shifted PWM Cascaded Multilevel Inverter for Solar PV Grid Integration	1st IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES-2016), pp 1-5, 2016, India. Proceedings published by IEEE Xplore Digital Library indexed in Scopus. DOI: 10.1109/ICPEICES.2016.7853549
621	Priya Baneerjee	B. Tech. (EEE)	2016	Implementation of Failure Modes and Effect Analysis on the Electro-Hydraulic Servo Valve for Steam Turbine	1st IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES-2016), pp 1-3, 2016, India. Proceedings published by IEEE Xplore Digital Library indexed in Scopus. DOI: 10.1109/ICPEICES.2016.7853559
622	Priya Baneerjee, Anamika Manna, Devarath Mathur, Hanshal Nautiyal, Sharon E. Kosy	B. Tech. (EEE)	2016	Study and Modelling of Green Energy based Micro-Grid for Rural Area	Indian Journal of Science & Technology, vol. 9, issue 21. Indexed in Scopus. DOI: 10.17485/ijst/2016/v9i21/91568

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
623	Manikanta Gopisetti	PhD (EEE)	2016	Placing Distributed Generators in Distribution System using Adaptive Quantum inspired Evolutionary Algorithm	IEEE International Conference on Research in Computational Intelligence and Communication Networks (ICRCICN-2016), pp 1-6, 2016, India. Proceedings published by IEEE Xplore Digital Library and indexed in Scopus. DOI: 10.1109/ICRCICN.2016.7813649
624	Manikanta Gopisetti	PhD (EEE)	2016	Sitting and Sizing of Capacitance in Distribution system using Adaptive Quantum inspired Evolutionary Algorithm	IEEE 7th India International Conference on Power Electronics (IICPE-2016), pp 1-6, 2016, India. Proceedings published by IEEE Xplore Digital Library and indexed in Scopus. DOI: 10.1109/IICPE.2016.8079491
625	Priya Banerjee	B. Tech. (EEE)	2016	Designing and Simulation of Standalone Micro Grid for Rural area using Renewable Energy Resources	7th IEEE International Conference on Power Electronics (IICPE 2016), pp 1-5, 2016, India. Proceedings published by IEEE Xplore Digital Library and indexed in Scopus. DOI: 10.1109/IICPE.2016.8079420
626	Ankita Srivastava, , Anvita Mishra, Kanishk Shukla and Vikranti Saxena	B. Tech. (EEE)	2016	A cost optimal alternatives for district power supply through an integrated system	7th IEEE International Conference on Power Electronics (IICPE 2016), pp 1-6, 2016, India. Proceedings published by IEEE Xplore Digital Library and indexed in Scopus. DOI: 10.1109/IICPE.2016.8079343
627	Huned	M. Tech (Control Systems)	2016	A Mathematical Model for Energy Efficient SDN/NFV Using Autonomic Network Intelligence	37th Progress in Electromagnetics Research Symposium (PIERS-2016), pp 5078-83, 2016, China. Proceedings published by IEEE Xplore Digital Library and indexed in Scopus. DOI: 10.1109/PIERS.2016.7735838
628	Rupam Singh (Control Systems)	M.Tech	2016	A Review On Cubli And Non Linear Control Strategy	1st IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES-2016), pp 1-5, India. Proceedings published by IEEE Xplore Digital Library and indexed in Scopus. DOI: 10.1109/ICPEICES.2016.7853425
629	K V S Bharath	M. Tech (Power Systems)	2016	Fuzzy Based Multi Objective Optimization for Subjection and Diagnosis of Hybrid Energy Storage System of an Electric Vehicle	1st Springer International Conference on Intelligent Communication, Control and Devices (ICICCD-2016), pp 299-207, 2015, India. Proceedings published by Springer and indexed in Scopus. DOI:10.1007/978-981-10-1708-7_35
630	Vasudha Khubchandani	M. Tech (Power Systems)	2016	PEM Fuel Cell Integration with Grid using Fuzzy PID technique	1st IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES-2016), pp 1-4, 2016, India. Proceedings published by IEEE Xplore Digital Library and indexed in Scopus. DOI: 10.1109/ICPEICES.2016.7853450
631	Gaganpreet Singh, K V S Bharath and Manjeet Singh	M. Tech (Power Systems)	2016	Power Quality Improvement using ACMLI With H-Bridge	1st IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES-2016) , pp 1-5, 2016, India. Proceedings published by IEEE Xplore Digital Library indexed in Scopus. DOI: 10.1109/ICPEICES.2016.7853450
632	Manjeet Taneja	M. Tech (Power Systems)	2016	Use of Bio-based Oil's as a Substitute of Transformer Oil	1st IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES-2016), pp 1-5, 2016, India. Proceedings published by IEEE Xplore Digital Library and indexed in Scopus. DOI: 10.1109/ICPEICES.2016.7853450

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
633	Komal Wadhwa	M. Tech (Power System)-Wd	2016	Controlling of Frequency Deviations in Interconnected Power Systems Using Smart Techniques	1st IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES-2016), pp 1-6, 2016, India. Proceedings published by IEEE Xplore Digital Library and indexed in Scopus. DOI: 10.1109/ICPEICES.2016.7853222
634	Deeksha Bansal	M. Tech (Power System)-Wd	2016	Blade Pitch Angle and Tip Speed Ratio Control Schemes for Constant Power Generation of WECS	1st IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES-2016), pp 1-6, 2016, India. Proceedings published by IEEE Xplore Digital Library and indexed in Scopus. DOI: 10.1109/ICPEICES.2016.7853498
635	Neeraj Sharma	M. Tech (Power System)-Wd	2016	Impact of voltage sags on rotary press and a method to prevent paper break during sags and brownout	1st IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES-2016), pp 1-6, 2016, India. Proceedings published by IEEE Xplore Digital Library and indexed in Scopus. DOI: 10.1109/ICPEICES.2016.7853255
636	Aslam	M. Tech (Power Systems)	2016	Cost Optimization of Hybrid Power System for Rural Electrification in India	1st IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES-2016), pp 1-5, 2016, India. Proceedings published by IEEE Xplore Digital Library and indexed in Scopus. DOI: 10.1109/ICPEICES.2016.7853376
637	Sheikh Suhail Mohammad	M. Tech (Power Systems)	2016	Integration of Renewable Energy Resources for Rural Electrification	1st Springer International Conference on Intelligent Communication, Control and Devices (ICICCD-2016), Part of the Advances in Intelligent Systems and Computing book series (AISC, volume 479), pp. 545-551, India, proceedings published by Springer, Springer, Singapore, Scopus indexed. DOI: https://doi.org/10.1007/978-981-10-1708-7_62.
638	Rajendra Kumar	M. Tech (Power System)-Wd	2016	Effect of Temperature, Irradiation, Humidity and Wind on Ideal/Double Diode PV System Performance	1st IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES-2016), pp.1-5, July 2016, Delhi, India, Proceedings published by IEEE Xplore Digital Library, indexed in Scopus. DOI: 10.1109/ICPEICES.2016.7853503.
639	Abhishek Pandey	M.Tech (Power Systems)	2016	Series Smart Wire - Managing Load and Congestion in Transmission Line	5th Springer International Conference on Frontiers of Intelligent Computing: Theory and applications (FICTA-2016), Advances in Intelligent Systems and Computing, Vol 516. Springer, Singapore, Sep 2016, proceedings published by Springer, Scopus indexed. DOI: https://doi.org/10.1007/978-981-10-3156-4_10.
640	Mohd. Afshan Ansari and Gaganprit Singh	M.Tech (Power Systems)	2016	Modeling and Simulation of Hybrid Electric Vehicles for Speed Control Using Intelligent Techniques	7th IEEE International Conference on Power Electronics (IICPE 2016), pp. 1-5, Nov 2016, India, Proceedings published by IEEE Xplore Digital Library, indexed in Scopus. DOI: 10.1109/IICPE.2016.8079335.
641	Mohammed Khan and Satya Bharath	M.Tech (Power Systems)	2016	Intelligent Control Of Fixed Capacitor - Thyristor Controlled Reactor For Power Quality Improvement	7th IEEE International Conference on Power Electronics (IICPE 2016), pp. 1-5, Nov 2016, Patiala, India, Proceedings published by IEEE Xplore Digital Library, indexed in Scopus. DOI: 10.1109/IICPE.2016.8079342.
642	Yogaree Manganuri	M Tech) (Power System	2016	Optimal Location of TCSC using Sensitivity and Stability indices for reduction in Losses and improving the Voltage Profile	1st IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES-2016), pp762-765, July 2016, India, Proceedings published by IEEE Xplore Digital Library, indexed in Scopus. DOI: 10.1109/ICPEICES.2016.7853573.

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
643	Pinaki Chakroborty	M. Tech (Control Systems)	2016	Fault tolerant attitude control using anti-unwinding second-order sliding mode	1st IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES-2016), pp. 1-6, July 2016, Delhi, India, Proceedings published by IEEE Xplore Digital Library, indexed in Scopus. DOI: 10.1109/ICPEICES.2016.7853542.
644	Deepika Joshi	M.Tech. (Power Systems)	2016	Solving Economic Load Dispatch Problem with Valve Loading effect using Adaptive Real coded Quantum-inspired Evolutionary Algorithm	2nd International Innovative Applications of Computational Intelligence on Power, Energy and Controls with their Impact on Humanity (CIPECH-2016), pp. 123-128, Nov 2016, India, Proceedings published by IEEE Xplore Digital Library, Scopus indexed. DOI: 10.1109/CIPECH.2016.7918751.
645	K V S Bharath	M.Tech. (Power Systems)	2016	Intelligent Approach for Active and Reactive Power Control in Doubly Fed Induction Generator Wind Turbine system	7th IEEE International Conference on Power Electronics (IICPE 2016), pp. 1-6, Nov 2016, India, Proceedings published by IEEE Xplore Digital Library, indexed in Scopus. DOI: 10.1109/IICPE.2016.8079418
646	Manjeet Singh Taneja	M.Tech. (Power Systems)	2016	A Review on Prognosis and Diagnosis of Transformer Oil Quality Using Intelligent Techniques Based on Dissolved Gas Analysis	7th IEEE International Conference on Power Electronics (IICPE 2016), pp. 1-6, Nov 2016, India, Proceedings published by IEEE Xplore Digital Library, indexed in Scopus. DOI: 10.1109/IICPE.2016.8079419.
647	Devashish Sharma and Varsha Kushwaha	M.Tech. (Power Systems)	2016	Load Frequency Control of Four- Area Hydro-thermal Inter-connected Power System through ANFIS Based Hybrid Neuro-Fuzzy Approach	2nd International Innovative Applications of Computational Intelligence on Power, Energy and Controls with their Impact on Humanity (CIPECH-2016), pp. 144-149, Nov 2016, India, Proceedings published by IEEE Xplore Digital Library, Scopus indexed. DOI: 10.1109/CIPECH.2016.7918755.
648	Varsha Kushwaha and Devashish Sharma	M.Tech. (Power Systems)	2016	Adaptive Neuro-Fuzzy Based Load Frequency Controller For Three Area Inter-Connected Hydro-Thermal Power System	2nd International Innovative Applications of Computational Intelligence on Power, Energy and Controls with their Impact on Humanity (CIPECH-2016), pp. 34-38, Nov 2016, India, Proceedings published by IEEE Xplore Digital Library, Scopus indexed. DOI: 10.1109/CIPECH.2016.7918732.
649	Anjali Gupta	M. Tech. (Power Systems)	2016	Intelligent Control of Hybrid Power Systems for Load Balancing and Levelised Cost	1st IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES-2016), pp. 1-5, July 2016, India, Proceedings published by IEEE Xplore Digital Library, Indexed in Scopus. DOI: 10.1109/ICPEICES.2016.7853672.
650	Kshitij Srivastava, Shaunak Ganguly and Shaumik Ganguly	B.Tech (ECE)	2015	Exudates Detection in Digital Fundus Image Using Edge Based Method & Strategic Thresholding.	38th IEEE International Conference on Telecommunications and Signal Processing (TSP-2015), Prague, Europe. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/TSP.2015.7296364
651	Mr. Nishant Joshi	M.Tech Env. Engg	2015	Spatiotemporal Analysis of Urban Growth, Sprawl and Structure of Rajkot, Vadodara and Surat (Gujarat-India) based on Geographic Information Systems, in Relation to the Sustanability Pentagon Analysis	Indian Journal of Science & Technology, Volume 8, Issue 28, October 2015. DOI: 10.17485/ijst/2015/v8i28/83639
652	Ayushi Agarwal, Shradha Gulia and Somal Chaudhary	B.Tech (ECE)	2015	Automatic Glaucoma Detection using Adaptive Threshold based Technique in Fundus Image	38th International Conference on Telecommunications and Signal Processing (TSP-2015), Prague, Europe. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/TSP.2015.7296295
653	Pankhuri Khanna and Dushyant Sankhla	B.Tech (ECE)	2015	Left Ventricle wall extraction in cardiac MRI using region based level sets and vector field convolution	4th International Work Conference on Bioinspired Intelligence (IWOBI 2015), Spain. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/IWOBI.2015.7160156

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
654	Prateek Chopra and Megha Bhandari	B.Tech. (ECE)	2015	Design of an X-band conformal antenna using microstrip patches	2nd International conference on Signal Processing & Integrated Networks (SPIN-2015), Noida Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/SPIN.2015.7095393
655	Jai Saxena, Prithu Pandey and Kapish Teckchandani	B.Tech (ECE)	2015	Palm Vein Recognition using Local Tetra Patterns	4th International Work Conference on Bioinspired Intelligence (IWOBI 2015), Spain. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/IWOBI.2015.7160159
656	Naman Garg and Akshita Angra	B.Tech. (ECE)	2015	Image Enhancement by Scaling the Discrete Wavelet Coefficients basedon Segmentation	2nd International conference on Signal Processing & Integrated Networks (SPIN-2015), Noida Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/SPIN.2015.7095374
657	Sanal Malhotra	B.Tech (ECE)	2015	Banking Security System using Hand Gesture Recognition	1st International Conference on Recent Developments in Control, Automation and Power Engineering. March 2015, Noida Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/RDCAPE.2015.7281403
658	Harbani Gill, Gaurav Dodwani, Neha Celly and Sukriti Singh	B.Tech (ECE)	2015	Remote Condition Monitoring of Real-Time Light Intensity and Temperature data	2nd International Conference on Advances in Computing and Communication Engineering (ICACCE-2015). Dehradun, May 2015 Proceedings published by IEEE Xplore Digital Library DOI 10.1109/ICACCE.2015.111
659	Rachit Agrawal, R Premkumar and Surbhi Sharma	B.Tech (ECE)	2015	Finger Vein Recognition Using Integrated Responses of Texture Features	4th International Work Conference on Bioinspired Intelligence (IWOBI 2015), Spain. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/IWOBI.2015.7160168
660	Gitika Bhatia, Karanbir Bhatia, Osheen Chauhan and Soumya Chourasia	B.Tech (ECE)	2015	An efficient MAC unit with Low area consumption	12th International IEEE India Conference (INDICON 2015), December 2015, New Delhi. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/INDICON.2015.7443501
661	Kshitij Chopra and Kritika Nigam	B.Tech (ECE) & BTech ECE+MBA	2015	Simulation and study of the effects of EM radiations on cantilever beams with RF functionality	PIERS 2015, Prague, 6-9 July, 2015. Proceedings published by IEEE Xplore Digital Library and indexed by Scopus.
662	Kshitij Chopra and Kritika Nigam	B.Tech (ECE) & BTech ECE+MBA	2015	Modelling and simulation of Piezoelectric cantilevers in RF MEMS devices for energy harvesting applications	17th International Conference on Modelling and Simulation, 25-27 March 2015, UK. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/UKSim.2015.40
663	Priyanjan Sharma, Nitesh Malhotra AyushTyagi and Akshay Pareek	BTech (ECE)	2015	Modeling of InGaN Solar Cell for Better Usage using Silvaco Atlas	ARPN Journal of Engineering and Applied Sciences Volume 10, Issue 15, 2015, Pages 6608-6613
664	Gitika Bhatia, Karanbir Singh Bhatia and Shashank Srivastava	B.Tech (ECE)	2015	MAC unit based on Vedic Square, and its Applicationsfor RF range	IEEE International Conference on Electrical, Computer and Electronics (UPCON-2015) Dec. 2015, IIIT Allahabad. Proceedings published by IEEE Xplore Digital Library pp. 5. doi:10.1109/UPCON.2015.7456676
665	Gaurav Nagri, Arjun Mahindra and Aarushi Bhargava	B.Tech (ECE)	2015	Design and performance analysis of a Dual band E-patch Microstrip antenna in Wireless Communication	International Conference on Soft Computing Techniques and Implementations (ICSCTI-2015), October 2015, Faridabad Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ICSCTI.2015.7489576

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
666	Vinayak Ray	B.Tech. (ECE)	2015	Automatic Left Ventricle Segmentation In Cardiac MRI Images Using A Membership Clustering and Heuristic Region-Based Pixel Classification Approach	Advances in Intelligent Systems and Computing, Springer-Verlag, Vol. 425,pp 615-623, 2015 DOI: 10.1007/978-3-319-28658-7_52
667	Vinayak Ray	B.Tech. (ECE)	2015	Belongingness Clustering and Region Labeling Based Pixel Classification for Automatic Left Ventricle Segmentation in Cardiac MRI Images	Translational Biomedicine, 2015
668	Vinayak Ray	B.Tech. (ECE)	2015	Fast Fully Automatic Multiframe Segmentation of Left Ventricle in Cardiac MRI Images Using Local Adaptive K-Means Clustering and Connected Component Labeling.	2nd International Conference on Signal Processing and Integrated Networks (SPIN-2015), Noida, India. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/SPIN.2015.7095354
669	Vinayak Ray	B.Tech. (ECE)	2015	Image Based Sub-second Fast Fully Automatic Complete Cardiac Cycle Left Ventricle Segmentation In Multi Frame Cardiac MRI Images Using Pixel Clustering And Labelling	8th International Conference on Contemporary Computing, August 2015, Noida, India. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/IC3.2015.7346687
670	Monika Singhal, Novita Sarkar and Muskan Chotwani	B.Tech. (ECE)	2015	Comparative Analysis of ECG Signals based on Gender and Heart Abnormalities	International Conference on quality Reliability and Infocom Technology and business Operations, (ICRQITBO 2015) Proceedings will be published by Springer.
671	Surbhit Bhatnagar	B.Tech. (ECE)	2015	IR & clap remote control for all type fan speed control	Application no .2691/DEL/2015
672	Chavi Jain, Praneet Tomar and Kartik Kapur	B.Tech. (ECE)	2015	Novel Design of Multiband Coplanar Patch Antenna for X band application	IEEE Power, Communication and Information Technology Conference (PCITC-2015), Oct. 2015. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/PCITC.2015.7438117
673	Kshitij Chopra and Kritika Nigam	B. Tech. (ECE)	2015	Simulation and Study of the Effects of EM Radiations on Cantilever Beams with RF Functionality	PIERS 2015, 6-9 July 2015, Prague, Czech Republic
674	Ananya Sahai, Deepti Sinha, Garima Varshney and Tripti Jain	B.Tech.(ECE)	2015	Intelligent Traffic Light Controller using Inductive Loops for Vehicle Detection	International conference on Next Generation Computing Technologies (NGCT-2015), Sept. 2015, Dehradun Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/NGCT.2015.7375173
675	Punit Kumar and Vivek Gaur	B.Tech. (ECE)	2015	Automatic Crop Irrigation System	4th International Conference on Reliability, Infocom Technologies and. Optimization (ICRITO-2015), Sept.2015Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ICRITO.2015.7359336
676	Kanupriya Attrey and Geetanjali Raj	M.Tech(ECE)	2015	Characteristics Of Auto Correlation Function For Truncated PN Sequences Subjected To BOC Modulation	2nd International Conference on Signal Processing & Integrated networks (SPIN-2015) Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/SPIN.2015.7095353

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S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
677	Geetanjali Raj and Kanupriya Attrey	M.Tech(ECE)	2015	Usefulness of Truncation of Full Length Pseudo Random Sequence for CDMA Communication	2nd International Conference on Signal Processing & Integrated networks (SPIN-2015) Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/SPIN.2015.7095352
678	Murali.V	M.Tech (WC)	2015	Analysis of Energy Efficient ,LEACH Based Cooperative Wireless Sensor Network	International Conference on Computer and Communication Technologies.(IC3T-2015), Proceedings published by springer AISC, volume 379, pp 353-363, DOI: https://doi.org/10.1007/978-81-322-2517-1_35
679	Sonal Jain	M.Tech (EST)	2015	An intelligent methodfor solving tic-tac-toe problem	International Conference on Computing, Communication & Automation (ICCCA-2015) ,May 2015, Greater Noida. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/CCAA.2015.7148401
680	Kanika Sahni and Kiran Rawat	MTech (VLSI)	2015	Power Optimization of Communication System Using Clock Gating Technique	5th International Conference on Advanced Computing and Communication Technologies, (ACCT-2015), Feb 2015, Rohtak, India. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ACCT.2015.74
681	Dhruba Ghosh	M.Tech (VLSI)	2015	An Approach for Analytical Modeling and Simulation of Gate All Around MOSFET for 50 nm technology	2nd International Conference on Signal Processing & Integrated networks (SPIN-2015) Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/SPIN.2015.7095381
682	Dhruba Ghosh	M.Tech (VLSI)	2015	Designing of High Speed Floating Gate Differential Ring RLC VCO with Error-tracking MISO Filter for Low Noise Applications	2nd International Conference on Advances in Computing and Communication Engineering, (ICACCE-2015), May 2015. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ICACCE.2015.72
683	Shruti Murgai and Gayathri Muthukrishnan	M.Tech (VLSI)	2015	Energy Efficient And High Performance 64-bit Arithmetic Logic Unit Using 28nm Technology	International Conference on Advances in Computing, Communications and Informatics (ICACCI-2015), Kochi, Kerala. Proceedings published by IEEE Xplore Digital Library, DOI: 10.1109/ICACCI.2015.7275650
684	Kanika Sahni and Kiran Rawat	MTech (VLSI)	2015	A novel low power design approach to exploit the power usage of AMBA APB Bridge	International Conference on Recent cognizance in wireless communication & image processing (ICRCWIP-2014), Jan. 2015, Jaipur, India Proceedings published in Springer • pp 373-380 • DOI https://doi.org/10.1007/978-81-322-2638-3_43
685	Kanika Sahni and Kiran Rawat	MTech (VLSI)	2015	RTL Implementation for AMBA ASB APB Protocol at System on Chip Level	2nd International Conference on Signal Processing and Integrated networks (SPIN-2015), Noida. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/SPIN.2015.7095347
686	Dhruba Ghosh	MTech (VLSI)	2015	Design of CMOS ring Oscillators with low phase noise and power dissipation for data transmission in RF range	International Conference on Recent cognizance in wireless communication & image processing (ICRCWIP-2014), January 2015, Jaipur, India Proceedings published in Springer • pp 167-173 • DOI https://doi.org/10.1007/978-81-322-2638-3_19
687	Anmol Gulati and I Shruti Murga	M.Tech (VLSI)	2015	Design & Implementation of Low Power clock gated 64-bit ALU on Ultra Scale FPGA	2nd International conference on Communication Systems, (ICCS-2015) PilaniProceedings published by American Institute of Physics Digital Library Volume 1715, Issue 1 >10.1063/1.4942683

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
688	Anmol Gulati and Shruti Murgai	M.Tech (VLSI)	2015	Power Efficient clock gated multiplexer based full adder cell using 28nm Technology	2nd International conference on Communication Systems, (ICCS-2015) PilaniProceedings published by American Institute of Physics Digital Library Volume 1715, Issue 1 > 10.1063/1.4942685
689	Saswat Kumar and Aishwarya Tiwari	M.Tech. (EST)	2015	Hybrid model of Gas Price Prediction using Moving Average and Neural Network	International conference on Next Generation Computing Technologies (NGCT-2015), Sept. 2015, Dehradun Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/NGCT.2015.7375218
690	Bishal Dey Sarkar and Sonali Shankar	M.Tech.(WC)	2015	Resonant frequency determination of rectangular patch antenna using neural network	International conference on Next Generation Computing Technologies (NGCT-2015), Sept. 2015, Dehradun Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/NGCT.2015.7375252
691	Deepika, Sagar	M Tech (ECE)	2015	A Low Power High Speed Charge Sharing LECTOR Comparator	International conference on Next Generation Computing Technologies (NGCT-2015), Sept. 2015, Dehradun Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/NGCT.2015.7375166
692	Priyanka Sharma	M Tech(ECE)	2015	Development of Lab VIEW Based System for Interfacing with GPS Receiver	2nd International Conference on Signal Processing & Integrated networks (SPIN-2015) Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/SPIN.2015.7095165
693	Neha Dalakoti	M.Tech(VLSI)	2015	Hardware Efficient AES for Image Processing with High Throughput	International conference on Next Generation Computing Technologies (NGCT-2015), Sept. 2015, Dehradun Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/NGCT.2015.7375257
694	Nishant Kaul, Sohaib Bhat and Anchal Gupta	M.Tech.(ECE)	2015	An Inset Fed Patch Antenna With a Modified Slot for WLAN and WiMAX Applications	International Conference on Green Computing and Internet of Things (ICGCIoT-2015), Greater Noida, India Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ICGCIoT.2015.7380450
695	Sonali Katoch and Harshita Jotwani	BTECH (ECE)	2015	A compact microstrip patch antenna for IOT application	International Conference on Green Computing and Internet of Things (ICGCIoT-2015), Greater Noida, India Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ICGCIoT.2015.7380721
696	Ayushi Agarwal, Shradha Gulia and Somal Chaudhary	B.Tech (ECE)	2015	A Novel Approach to Detect Glaucoma in Retinal Fundus Images using Cup-Disk and Rim-Disk Ratio	4th International Work Conference on Bioinspired Intelligence (IWOBI- 2015), Spain. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/IWOBI.2015.7160157
697	Chandni	B.Tech (ECE)	2015	An Automatic Emotion Recognizer using MFCCs and Hidden Markov Models	7th International Congress on Ultra Modern Telecomunications (ICUMT-2015), Oct 2015, Brno, Czech Republic Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ICUMT.2015.7382450
698	Joydeep Tamuli, Aishwarya Jain and Aaishwarya V. Dhan	B.Tech (ECE)	2015	An Image Processing Based Method to Identify and Grade Conjunctivitis Infected Eye According to its Types and Intensity	8th International Conference on Contemporary Computing (IC3 – 2015), Aug 2015, Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/IC3.2015.7346658
699	Shrey Magotra and Aditya Kunwar	B.Tech (ECE)	2015	Hierarchical Classification and Grading of Diabetic Macular Edema using Texture Features	3rd International Conference on Image Information Processing (ICIIP-2015). Dec 2015, Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ICIIP.2015.7414763

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S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
700	Shaumik Ganguly, Shaunak Ganguly and Kshitij Srivastava	B. Tech (ECE)	2015	An Efficient Image Processing Based Technique for Comprehensive Detection and Grading of Non Proliferative Diabetic Retinopathy from Fundus Images	Computer Methods in Biomechanics and Biomedical Engineering: Imaging & Visualization, Taylor & Francis Publishers Thomson Reuter Impact Factor – 1.69 • Pages 195-207 • https://doi.org/10.1080/21681163.2015.1051187
701	Sonal Jain	M.Tech (EST)	2015	Development of LabVIEW based electrical parameter monitoring system for single phase supply	International Conference on Communication Control & Intelligent Systems (CCIS-2015), India Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/CCIntelS.2015.7437964
702	Abhinav Duhan, Gagan Tiwari and Mohd Zayed	B.Tech (ECE)	2015	A compact monopole wideband antenna for WiMAX/WLAN/ BLUETOOTH/IEEE 802.11y services	8th International Conference on Contemporary Computing (IC3-2015), Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/IC3.2015.7346699
703	Abhinav Duhan, Mohd. Zayed, Preeti Jain and Ashu Verma	B.Tech (ECE)	2015	Multiband monopole S patch antenna used for GSM, WiMAX and other wireless applications	International Conference on Communication Control & Intelligent Systems (CCIS-2015), India Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/CCIntelS.2015.7437874
704	Kashish Nalwa, Monish Kumar, Aditya Bharadwaj and M. Adithya	B. Tech (ECE)	2015	Intelligent Multilevel Car Parking System Using RFID	International Journal of Simulation- Systems, Science and Technology DOI 10.5013/IJSSST.a.16.03.14
705	Brijesh Butola	M. Tech (ECE)	2015	Restoration of Space Variant Motion Blurred Images using Adaptive Particle Filter Techniques	4th International Conference on Reliability, Infocom Technologies and. Optimization (ICRITO-2015), Sept.2015 Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ICRITO.2015.72359304
706	Anmol Gulati and Shruti Murgai	M.Tech (VLSI)	2015	Design and implementation of power efficient 10-bit dual port SRAM on 28 nm technology	2nd International conference on Communication Systems (ICCS-2015) PilaniProceedings published by American Institute of Physics Digital Library Volume 1715, Issue 1 > 10.1063/1.4942684
707	Vinay	M. Tech	2015	Speech Emotion Recognition using SVM with threshold fusion	2nd International conference on Signal Processing & Integrated Networks (SPIN-2015), Noida Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/SPIN.2015.7095427
708	Ankita Gupta	B Tech	2015	Video Authentication in Digital Forensic	International conference on Futuristic Trends in Computational analysis and Knowledge management, 2015, Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ABLAZE.2015.7154945
709	Sushant Mongia and Vishal Pathak	B.Tech (ECE)	2015	A framework for hand gesture recognition based on fusion of Flex, Contact and accelerometer sensor	3rd International Conference on Image Information Processing (ICIIP-2015), Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ICIIP.2015.7414787
710	Sudeep Gupta and Ilika Sharma	B.Tech (ECE)	2015	Advanced guide cane for the visually impaired people	International conference on Next Generation Computing Technologies (NGCT-2015), Sept. 2015, Dehradun Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/NGCT.2015.7375159
711	Sonal Jain	M. Tech (EST)	2015	Development of smart human machine interface for solar powered appliances	12th International IEEE India Conference, (INDICON-2015), December 2015, New Delhi. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/INDICON.2015.7443336

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
712	Priyank Kularia, Aditya Sharma, Garima Batra and Achintya Rawat	B.Tech (ECE)	2015	Modified Booth Multiplier Architecture Using New (1,1,1) Adder	ARPN Journal of Engineering and Applied Sciences VOL. 10, NO. 17
713	Shrey Magotra and	B.Tech (ECE)	2015	Detection of high-risk macular edema using texture features and classification using SVM classifier	International Conference on Advances in Computing, Communications and Informatics (ICACCI-2015), Kochi Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ICACCI.2015.7275958
714	Ashu Verma	M.Tech (ECE)	2015	A Novel Compact Monopole Multiband Antenna for WiMAX/Satellite/Military Applications speed serial link in RF range	International Conference on ICT for Sustainable Development, (ICT4SD – 2015), Ahmadabad, Proceedings published by Springer Publishers Doi; https://doi.org/10.1007/978-981-10-0135-2_31
715	Preeti Jain	M.Tech (ECE)	2015	A Semi Circular Monopole Antenna For Ultra Wide Band Applications	International Conference on ICT for Sustainable Development, • (ICT4SD – 2015), Ahmadabad, Proceedings published by Springer pp 339-345 • DOI https://doi.org/10.1007/978-981-10-0129-1_36
716	Preeti Jain	M.Tech (ECE)	2015	A Novel Compact Circular Slotted Micro strip-fed Antenna for UWB Application	International Conference on Communication Control & Intelligent Systems (CCIS-2015), India Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/CCIntelS.2015.7437869
717	Preeti Jain	M.Tech (ECE)	2015	A small novel Rectangular Microstrip-feed Antenna for Ultra Wide Band Applications	International Conference on Communication Control & Intelligent Systems (CCIS-2015), India Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/CCIntelS.2015.7437868
718	Jitendra Singh Malik	B.Tech (ECE+MBA)	2015	Development of smart meter	4th International Conference on Reliability, Infocom Technologies and. Optimization (ICRITO-2015), Sept-2015.Proceedings published by IEEE Xplore DigitalLibrary DOI: 10.1109/ICRITO.2015.7359335
719	Sant Sharan Shukla and Gurpreet Singh Gohir	M. Tech (ECE)	2015	Investigation of the effect of substrate material on the performance of microstrip antenna	4th International Conference on Reliability, Infocom Technologies and. Optimization (ICRITO-2015), Sept. 2015. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ICRITO.2015.7359350
720	Sant Sharan Shukla	M.Tech (ECE)	2015	Design and implementation of fork type fractal antenna for multiband	4th International Conference on Reliability, Infocom Technologies and. Optimization (ICRITO-2015), Sept. 2015. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ICRITO.2015.7359342
721	Dhruba Ghosh	M.Tech (VLSI)	2015	Designing of High Speed Floating Gate Differential Ring RLC VCO with Error-tracking MISO Filter for Low Noise Applications	Second international conference on Advances in computing and communication engineering (ICACCE-2015), Dehradun, India. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ICACCE.2015.72
722	Kshitij Chopra and Kritika Nigam	B.Tech (ECE) & B.Tech ECE+MBA	2015	A method for harvesting energy using piezoelectric transducers	Applied Mechanics and Materials, Vols. 727-728, pp. 607-611, 2015
723	Shantanu Thakur	M.Tech (ECE)	2015	Gesture controlled wireless device for Disabled	Advances in Intelligent Systems and Computing pp 1-5, Vol. 381, Springer, Sept 2015. DOI https://doi.org/10.1007/978-81-322-2526-3_1

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S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
724	Dhruba Ghosh	M.Tech (VLSI)	2015	Double differential ring oscillator architecture with low power, low noise and high stability factor for high speed serial link in RF range	Patent filed, application No:1674/DEL/2015
725	Ankur	B.Tech (ECE)	2015	Sensor based automatic faucet to prevent water	Application No:880/DEL/2015
726	Ankur	B.Tech (ECE)	2015	Smart Mirror with light control and height	Application No: 1184/DEL/2015
727	Kalpana Jaswal	M. Tech (CSE)	2015	Design and development of a prototype application for intrusion detection using data mining	4th International Conference on Reliability, Infocom Technologies and Optimization: Trends and Future Directions, ICRITO 2015, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/ICRITO.2015.7359266
728	Sanchita Kadambari and Kalpana Jaswal	M. Tech (CSE)	2015	Using twitter for tapping public minds, predict trends and generate value	5th International Conference on Advanced Computing and Communication Technologies (ACCT 2015), Rohtak, India, February 2015, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/ACCT.2015.99
729	Bhawna Dhruv and Payal Mittal	M. Tech (CSE)	2015	Dissection and proposal of multitudinal security threats and menace in cloud computing	International Conference on Computational Intelligence and Communication Technology, CICT 2015, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/CICT.2015.130
730	Nidhi Chauhan	M. Tech(CSE)	2015	Security issues and their solutions in MANET	1st International Conference on Futuristic trend in Computational Analysis and Knowledge Management (ABLAZE-2015), Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/ABLAZE.2015.7155013
731	Atul Tyagi	M. Tech(CSE)	2015	A Proposed approach with analysis of speech signals for sentiment detection	5th International Conference on Communication Systems and Network Technologies, CSNT, April 2015, Gwalior, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/CSNT.2015.97
732	Radhika Maheshwari and Apoorva Gupta	M. Tech(CSE)	2015	Secure authentication using biometric templates in Kerberos	2nd International Conference on Computing for Sustainable Global Development, INDIACom 2015, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus http://ieeexplore.ieee.org/document/7100449/
733	Ingudam Gomita	M. Tech(CSE)	2015	Using Least-Square Spectral Analysis Method for Time Series with Datum Shifts	5th International Conference on Soft Computing for Problem Solving, SocProS 2015, pp. 81-92, Proceedings published by Springer and indexed in Scopus https://doi.org/10.1007/978-981-10-0451-3_5
734	Monika Gandhi	M. Tech(CSE)	2015	Prediction in Heart Disease using Techniques of Data Mining	5th International Conference on Futuristic Trends in computational analysis and Knowledge Management, INBUSH Era-2015, February 2015, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1007/s40012-016-0121-0
735	Akash Agarwal	B. Tech(CSE)	2015	Fault Tolerance Based Routing Approach for WMN	International Conference on Computer and Computational Sciences (ICCCS- 2015), Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/ 10.1109/ICCACS.2015.7361345

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
736	Kirti Bareja	M. Tech(CSE)	2015	A Review of Estimation Techniques to Reduce Testing Efforts in Software Development	5th International Conference on Advanced Computing and Communication Technologies (ACCT 2015), February 2015, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/ 10.1109/ACCT.2015.110
737	Sheena Kukreja,	M. Tech(CSE)	2015	A Critical Survey on Test Management in IT Projects	1st International Conference on Computing, Communication and Automation (ICCA-2015), Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/CCAA.2015.7148481
738	Sanchita	M. Tech (CSE)	2015	Using Twitter for Tapping Public Minds, Predict Trends and Generate Value	International Conference on Computational Intelligence and Communication Technology, CICT 2015, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus http://doi.ieeecomputersociety.org/10.1109/A
739	Dishti Agarwal and Aakriti Gupta	M. Tech.(CSE)	2015	A Systematic Review on Software Defect Prediction	2nd International Conference on Computing for Sustainable Global Development, INDIACom 2015, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus http://ieeexplore.ieee.org/document/7100555/
740	Ranjan Kumar Panda	M. Tech.(CSE)	2015	A Critical Analysis on Software Fault Prediction Techniques	World Applied Sciences Journal, Vol. 33 (3), Pages 371-379, 2015 https://doi.org/10.5829/idosi.wasj.2015.33.03.35
741	Naveen Kr. Shukla	M. Tech (CSE)	2015	User Reviews Data Analysis using Opinion Mining on Web	5th International Conference on Futuristic Trends in computational analysis and Knowledge Management, INBUSH Era-2015, February 2015, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/ABLAZE.2015.7154934
742	Ritika Aggarwal	M. Tech(CSE)	2015	Detection of Lung Cancer Using Content Based Medical Image Retrieval	"RCI" Conference, February 2015 , Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/ACCT.2015.33
743	Ritika Arora and Aakansha Rastogi	B. Tech (CSE)	2015	Leaf Disease Detection and Grading Using Computer Vision Technology	International Conference on Signal Processing and Integrated Networks, SPIN 2015, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/SPIN.2015.7095350
744	Manpreet Singh Bajwa and Sumati Manchanda	M. Tech(CSE)	2015	Ternary Search Algorithm: Improvement of Binary Search	2nd International Conference on Computing for Sustainable Global Development, INDIACom 2015, pp. 1723-1725, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus http://ieeexplore.ieee.org/document/7100542/
745	Ajay Anadi, Kritika Verma	M. Tech (CSE)	2015	Security of Web Application with Short Web Service: A Review Study	5th International Conference on Advanced Computing and Communication Technologies (ACCT 2015), Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/ACCT.2015.31
746	Vijay Chauhan and Junaid Khan	M. Tech(CSE)	2015	Web page ranking using machine learning approach	5th International Conference on Advanced Computing and Communication Technologies (ACCT 2015Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/ACCT.2015.56

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S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
747	Ram Charan Kesireddi	M. Tech(CSE)	2015	Embedding, Extracting and Matching of Fingerprint Images using Digital Watermarking	International Conference on Advanced Research in Computer Science Engineering and Technology (ICARCSET 2015), Article No. 10, March 2015, Proceedings published by ACM Digital Library and indexed in Scopus https://doi.org/10.1145/2743065.2743075
748	Komal Yadav	M. Tech(CSE)	2015	Emphasis on Testing Assimilation Using Cloud Computing for Improvised Agile SCRUM Framework	5th International Conference on Futuristic Trends in computational analysis and Knowledge Management, INBUSH Era-2015, February 2015, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/ABLAZE.2015.7154995
749	Madhulika Pandey	M. Tech(CSE)	2015	IRIS based human identification: Analogizing and Exploiting PSNR and MSE techniques using MATLAB	5th International Conference on Futuristic Trends in computational analysis and Knowledge Management, INBUSH Era-2015, February 2015, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/ICICCS.2016.7542309
750	Madhulika Pandey	M. Tech(CSE)	2015	An Anatomization of Noise removal techniques on Medical Images	5th International Conference on Futuristic Trends in computational analysis and Knowledge Management, INBUSH Era-2015, February 2015, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/ICICCS.2016.7542308
751	Preeti Rai	M. Tech(CSE)	2015	A Prologue of JENKINS with Comparative Scrutiny of Various Software Integration Tools	2nd International Conference on Computing for Sustainable Global Development, INDIACom 2015, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus http://ieeexplore.ieee.org/document/7100245/
752	Deepali Mittal	M. Tech(CSE)	2015	A Review Paper on Fault Tolerance in Cloud Computing	2nd International Conference on Computing for Sustainable Global Development, INDIACom 2015, Pg 31-34, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus http://ieeexplore.ieee.org/document/7100214/
753	Akansha Bali	M. Tech(CSE)	2015	A Review on Strategies and Techniques of Image Segmentation	5th International Conference on Advanced Computing and Communication Technologies (ACCT 2015) Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/ACCT.2015.63
754	Sana Bharti	M. Tech(CSE)	2015	Analytical Study of heart Disease Prediction Comparing with different algorithms	1st International Conference on Computing, Communication and Automation (ICCA-2015), Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/CCAA.2015.7148347
755	Akansha Bali	M. Tech(CSE)	2015	Comparing Performance of AODV, DSR, DSDV, ZRP with Black Hole Attack and without attack through use of NS2 Simulator	International Journal of Applied Engineering Research ISSN-0973-4562 Vol-10 issue-12 Page- 32741-32755, July 2015
756	Pradeep Bharti	M. Tech(CSE)	2015	Survey on Reusable Software Component Repository in Green	International Journal of Applied Engineering Research ISSN-0973-4562 Vol-10 issue-12 Page-30961-30967, July 2015
757	Sana Bharti	M. Tech(CSE)	2015	Empirical Study on Heart Disease Prediction System using Practical Swarm Optimization Clustering Mechanism	International Journal of Applied Engineering Research ISSN-0973-4562 Vol-10 issue-14 Page- 34109-34113, August 2015

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
758	Tanvi Anand and Rekha Pal	M. Tech(CSE)	2015	Analytical Approach of Soft Computing in Big Data Issues	International Conference on Communication, Control and Intelligent Systems (CCIS), pp. 442 – 449, Nov. 2015, Mathura, U.P., India Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/CCIntelS.2015.7437957
759	Chahat Sharma	M. Tech(CSE)	2015	Reliability Evaluation of Software System Using AHP and Fuzzy TOPSIS Approach	5th International Conference on Soft Computing for Problem Solving, SocProS 2015, pp. 81-92, Proceedings published by Springer and indexed in Scopus https://doi.org/10.1007/978-981-10-0451-3_9
760	Kalpana Dwivedi	M. Tech(CSE)	2015	A Taxonomy and Comparison of Hadoop Distributed File System with Cassandra File System	ARPN Journal of Engineering and Applied Sciences, Vol. 10, No. 16, pp.6870-6876, September 2015
761	Chahat Sharma	M. Tech(CSE)	2015	A Perspective Approach of Software Reliability Models and Techniques	ARPN Journal of Engineering and Applied Sciences, Vol. 10, No. 16, pp. 7300-7308, September 2015
762	Deepika Bajaj	M. Tech(CSE)	2015	Video Depiction of KeyFrames- A Review	6th International Conference on Computer and Communication Technology, ICCCT 2015, Proceedings published by ACM Digital Library and indexed in Scopus https://doi.org/10.1145/2818567.2818602
763	Priyanka Tyagi and Abhishek Mehrotra	B. Tech (CSE)	2015	Audio Pattern Recognition and Mood Detection System	5th International Conference on Soft Computing for Problem Solving, SocProS 2015, Proceedings published by Springer and indexed in Scopus https://doi.org/10.1007/978-981-10-0448-3_26
764	Nitin Kumar	M. Tech(CSE)	2015	Rendering Rigid Shadows Using Hybrid Algorithm	5th International Conference on Soft Computing for Problem Solving, SocProS 2015, Proceedings published by Springer and indexed in Scopus https://doi.org/10.1007/978-981-10-0448-3_56
765	Rajesh singh	M. Tech(CSE)	2015	Reinforcing Particle System effects Using Object Oriented Approach and Real Time Fluid Dynamics for next Generation 3D Gaming	5th International Conference on Soft Computing for Problem Solving, SocProS 2015, Proceedings published by Springer and indexed in Scopus https://doi.org/10.1007/978-981-10-0448-3_6
766	Swati Dhankhar and himani rastogi	M. Tech (CSE)	2015	Software fault prediction performance in software engineering	2nd International Conference on Computing for Sustainable Global Development, INDIACom 2015, pp.228-232,830, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus http://ieeexplore.ieee.org/document/7100250/
767	Ram Charan Kesireddi	M. Tech(CSE)	2015	Enhancement of Security Mechanism for Confidential Data using AES-128, 192 and 256bit Encryption in Cloud	1st International Conference on "Next Generation Computing Technologies" (NGCT-2015) Current and Future Trends, September 2015, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org 10.1109/NGCT.2015.7375144
768	Neha Singh	M. Tech(CSE)	2015	Performance examination of Wireless Switching Robot for optimal application for Home Automation	1st International Conference on "Next Generation Computing Technologies" (NGCT-2015) Current and Future Trends, September 2015, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org10.1109/NGCT.2015.7375117
769	Mansha Imtiyaj	B. Tech. (CSE)	2015	"Evaluating the Quality of Teaching in Higher Education Institutes using Clustering Approach and Set Pair Analysis"	1st International Conference on "Next Generation Computing Technologies" (NGCT-2015) Current and Future Trends, September 2015, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org/10.1109/NGCT.2015.7375189

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S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
770	Arti Laddha	B. Tech. (CSE)	2015	"A framework for testing web applications using action word based testing"	1st International Conference on "Next Generation Computing Technologies" (NGCT-2015) Current and Future Trends, September 2015, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org /10.1109/NGCT.2015.7375190
771	Roshan Jameel	M. Tech. (CSE)	2015	A comparison of performance of crisp logic and probabilistic neural network for facial expression recognition	1st International Conference on "Next Generation Computing Technologies" (NGCT-2015) Current and Future Trends, September 2015, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org /10.1109/NGCT.2015.7375238
772	Disha Garg	M. Tech. (CSE)	2015	A Critical Review of Artificial Bee Colony Optimizing Technique in Software Testing	5th International Conference on Futuristic Trends in computational analysis and Knowledge Management, INBUSH Era-2015, February 2015, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org /10.1109/ICICCS.2016.7542311
773	Alaknanda Chandra	M. Tech. (CSE)	2015	Study of Unit Testing and Data Flow Testing in Object Oriented and Aspect Oriented Programming	5th International Conference on Futuristic Trends in computational analysis and Knowledge Management, INBUSH Era-2015, February 2015, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org /10.1109/ICICCS.2016.7542313
774	Disha Garg	M. Tech.(CSE)	2015	A framework for testing web applications using action word based testing	1st International Conference on "Next Generation Computing Technologies" (NGCT-2015) Current and Future Trends, September 2015, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org /10.1109/NGCT.2015.7375190
775	Tarun Jain	M. Tech.(CSE)	2015	Automation In Quality Check	1st International Conference on "Next Generation Computing Technologies" (NGCT-2015) Current and Future Trends, September 2015, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/NGCT.2015.7375192
776	Preeti Chawla and Manisha Singh	M.Tech. (IT)	2015	Prediction of pollution potential of Indian rivers using empirical equation consisting of water quality parameters	International Conference on Technological Innovations in ICT for Agriculture and Rural Development (TIAR 2015) 10th – 12th July, 2015. Published in IEEE Xplore and indexed in Scopus
777	Priyanka Upadhyay and Abhishek Singh	M.Tech. (IT)	2015	Evaluating Seed Germination Monitoring System by Application of Wireless Sensor Networks: A Survey	International Conference on Computational Intelligence in Data Mining (ICCIDM 2015) 5th -6th December, 2015. Published in Computational Intelligence in Data Mining—Volume 2. Advances in Intelligent Systems and Computing, Springer
778	Munib Ur Rehman	M.Tech. (CN&IS)	2015	Proposed ICT Based Solution-Slow Learner in India	Computer Society of India (CSI-2015) 2nd -5th December, 2015. Proceedings will be published by Springer
779	Hina Gupta and Sakshi Goel	M.Tech. (IT)	2015	Proposed ICT based Transportation Model: EEG	Computer Society of India (CSI-2015) 2nd -5th December, 2015. Proceedings published in ICT Based Innovations. Advances in Intelligent Systems and Computing, Springer, Singapore
780	Smarika and Nisha Mittas	M.Tech. (IT)	2015	Agglomerative hierarchical Clustering technique for partitioning patent dataset	International Conference on Reliability, Infocom Technologies and Optimization (ICRITO 2015) 2nd -4th September, 2015. Published in IEEE Xplore and indexed in Scopus

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
781	Chandrika Sikka	M.Tech. (IT)	2015	A survey on challenges in Software Development during the Adoption of Agile Environment	International Conference on Innovations in Computer Science and Engineering (ICICSE-2015) 7th -8th August, 2015. Published in Innovations in Computer Science and Engineering. Advances in Intelligent Systems and Computing. Springer, Singapore
782	Mahima Mishra	M.Tech. (IT)	2015	Appraisement of different Software Estimation Models: A Rumination and Contradistinction	International Conference On Soft Computing Techniques & Implementation (ICSCTI 2015) 8th – 10th October, 2015. Published in IEEE Xplore and indexed in Scopus
783	Priyanka Upadhyay and Gurpreet Matharu	M.Tech. (IT)	2015	Modeling Agility in Internet Of Things (IoT) Architecture	International Conference on Information System Design and Intelligent Application (INDIA 2015) 8th -9th January, 2015. Published in Advances in Intelligent Systems and Computing, Springer
784	Preeti Rai	M.Tech. (IT)	2015	A Prologue of JENKINS with Comparative Scrutiny of Various Software Integration Tools	International Conference on Information System Design and Intelligent Application (INDIA 2015) 8th -9th January, 2015. Published in Advances in Intelligent Systems and Computing, Springer
785	Archana Gupta and Ajita Verma	M.Tech. (IT)	2015	Hybrid Filtering Model for Opinion Mining	Global Conference on Communication Technologies (GCCT-2015) 23rd -24th April, 2015. Published in IEEE Xplore and indexed in Scopus
786	Archana Gupta and Ajita Verma	M.Tech. (IT)	2015	Tele Health Therapy: An Ambient Technology	Global Conference on Communication Technologies (GCCT-2015) 23rd -24th April, 2015. Published in IEEE Xplore and indexed in Scopus
787	Preeti Chawla, Manisha Singh and Gurpreet Singh Matharu	M.Tech. (IT)	2015	Systematic Overview of Mobile Virtualization Platforms: Comparative Analysis	International Conference on Electrical, Computer and Communication Technologies (ICECCT 2015) 5th -7th March, 2015. Published in IEEE Xplore and indexed in Scopus
788	Prerit Datta and Namandeep Kaur	M.Tech. (IT)	2015	Automatic Bus Fare Collection System in India	International Conference on Information System Design and Intelligent Application (INDIA 2015) 8th -9th January, 2015. Published in Advances in Intelligent Systems and Computing, Springer
789	Parv Gupta, Mrigendra Kumar and Nishant Kumar	B.Tech. (IT)	2015	Gram Sandesh Transmission- A Web Based Information System for Farmers	International Conference on Reliability, Infocom Technologies and Optimization (ICRITO 2015) 2nd -4th September, 2015. Published in IEEE Xplore and indexed in Scopus
790	Saurabh Mishra	B.Tech. (IT)	2015	A Study on Cyber Security, its Issues and Cyber crime rate in India	International Conference on Innovations in Computer Science and Engineering (ICICSE-2015) 7th -8th August, 2015. Published in Innovations in Computer Science and Engineering. Advances in Intelligent Systems and Computing. Springer, Singapore
791	Suraj Thappar	B.Tech. (IT)	2015	Compression and Optimization of Web-Contents	International Conference on Advanced Computing, Networking and Informatics (ICACNI 2015) 23rd -25th June, 2015. Published in Proceedings of 3rd International Conference on Advanced Computing, Networking and Informatics. Smart Innovation, Systems and Technologies, Springer

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S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
792	Vyomkesh	B.Tech. (IT)	2015	Statistical Analysis of Indian E-Commerce Market	International Conference On Soft Computing Techniques & Implementation (ICSCTI 2015) 8th – 10th October, 2015. Published in IEEE Xplore and indexed in Scopus
793	Abhisek	B. Tech(EEE)	2015	Solar-Powered Android-Based Speed Control of DC Motor via Secure Bluetooth	5th International Conference on Communication Systems and Network Technologies (CSNT-2015), pp.1244-1249, Dec 2015, India, Proceedings published by IEEE Xplore Digital Library, Scopus indexed. DOI 10.1109/CSNT.2015.100
794	Harleen Kaur and Puneet Kumar	M.Tech. (Power Systems)	2015	Automatic Generation Control using PSO optimized PI and Optimal Fuzzy Controller	IEEE India Conference (INDICON-2015), pp. 1-6, Dec 2015, India, Proceedings published by IEEE Xplore Digital Library, Scopus indexed. DOI: 10.1109/INDICON.2015.7443490.
795	K.V.Satya Bharath and Sheikh Suhail	M.Tech. (Power Systems)	2015	Android/Tizen based Artificial Intelligence techniques (Power Systems)for Prognosis and Diagnosis of Electrical Machines	International Conference On Recent Advances in Mathematics, Statistics and Computer Science (ICRAMSCS-2015), pp. 371-380, May 2015, India, Book Chapter published World Scientific series. DOI: https://doi.org/10.1142/9789814704830_0034
796	Monika Gupta	M.Tech (Control Systems)	2015	Study of Dynamic behavior of machines in an Interconnected power system	International Journal of Applied Engineering Research, Vol. 10, No. 94, pp.63-68, Nov 2015, India, Research India Publications, Scopus indexed.
797	Malvika Chauhan	M.Tech. (Power Systems)	2015	Performance Evaluation and Improvement in Transient Instability of IEEE 9 Bus System Using Exciter and Governor Control	Procedia Computer Science (Proceedings of the 4th International Conference on Eco-friendly Computing and Communication Systems), Vol. 70, pp. 733-739, 2015, Published by Elsevier. Scopus indexed. DOI: https://doi.org/10.1016/j.procs.2015.10.111
798	Prerna Bhargava, Vivek Kumar, Shagun Singh and Suman Singh	M.Tech. (Power Systems)	2015	GIS-SCADA: Integration and Application in Distribution Network	4th IEEE International conference on Power, Energy and Communication (ICCPEIC 2015), pp. 0354-0357, April 2015, India, Proceedings published by IEEE Xplore Digital Library, Indexed in Scopus. DOI: 10.1109/ICCPEIC.2015.7259525.
799	I.A.Sri Teja, L.Yalavarthi and Sumanth Yamujala	M.Tech. (Power Systems)	2015	Nuclear Power- A potential source to meet Future Electricity Demands in India	4th IEEE International conference on Power, Energy and Communication (ICCPEIC 2015), pp. 0166 – 0170, April 2015, Chennai, India, Proceedings published by IEEE Xplore Digital Library, indexed in Scopus. DOI: 10.1109/ICCPEIC.2015.7259521.
800	Deepti Yadav	M.Tech (ECE)	2014	Classification of Glaucoma Based on Texture Features Using Neural Networks	7th IEEE International Conference in Contemporary Computing, Noida, India (IC3-2014).Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/IC3.2014.6897157
801	Mohit Aggarwal	M.Tech (ECE)	2014	Smart Ration Card Using RFID and GSM Technique	5th International Conference - Confluence The Next Generation Information Technology Summit (Confluence-2014), Proceedings published by IEEE Xplore Digital Library. DOI: 10.1109/CONFLUENCE.2014.6949353
802	Sohaib Abbas Zaidi and Mohit Barthwal	M.Tech (ECE)	2014	Pentagonal Shape Antenna with Fractal Slots for Wireless Communication Applications	PIERS 2014, 25-28 August 2014, Guangzhou, China DOI: 10.13140/2.1.1557.1206
803	Jaiyesha Jain	M.Tech (ECE)	2014	Study of MEMS technology and development of condenser microphone	5th International Conference - Confluence The Next Generation Information Technology Summit (Confluence-2014), Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/CONFLUENCE.2014.6949240

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
804	Mohit Barthwal, Sohaib Abbas Zaidi	M.Tech (ECE)	2014	Compact Microstrip Patch Antenna With Parasitic Loading for X & Ku Band Applications	PIERS 2014, 25-28 August 2014, Guangzhou, China, DOI: 10.13140/2.1.2605.6963
805	Akhilesh Sharma	M.Tech (ECE)	2014	Dynamic Thresholding Technique for Detection of Hemorrhages in Retinal Images	7th International Conference in Contemporary Computing, Noida, India (IC3-2014). Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/IC3.2014.6897158
806	Amit Kumar Mourya	M.Tech (ECE)	2014	Glaucoma Detection by Segmenting the Super Pixels from Fundus Colour Retinal Images	International Conference on Medical Imaging, m-Health & Emerging Communication System (MEDCOM- 2014), Greater Noida, India. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/MedCom.2014.7005981
807	Yabrin Amin	M.Tech (ECE)	2014	Endocardium Wall extraction from Noisy cardiac MRI images using Modified Gradient vector flow algorithm	International Conference on Medical Imaging, m- Health & Emerging Communication System (MEDCOM-2014), Greater Noida, India. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/MedCom.2014.7006031
808	Amit Verma	M.Tech (EST)	2014	Development of an Intelligent system for bank Security	5th International Conference - Confluence The Next Generation Information Technology Summit (Confluence-2014), Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/CONFLUENCE.2014.6949339
809	Shivani Yadav	MTech(VLSI)	2014	Implementation of 8B/10B Encoder-Decoder for Gigabit Ethernet Frame	11th International Conference on Wireless and Optical Communication Network, Sept. 2014. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/WOCN.2014.6923049
810	Kanika Sahni and Kiran Rawat	MTech (VLSI)	2014	Power Optimization of 8b/10b Encoder Decoder Used For High Speed Communication	9th International Conference on Industrial and Information System, (ICIIS-2014), Gwalior, Dec2014. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ICIINFS.2014.7036557
811	Kanika Sahni and Kiran Rawat	MTech (VLSI)	2014	Design of AMBA APB Bridge with reset controller for efficient power consumption	9th International Conference on Industrial and Information System, (ICIIS-2014), Gwalior, Dec. 2014. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ICIINFS.2014.7036558
812	Mohit aggarwal	M.Tech. (ECE)	2014	2d To 3d Image Transformation Using Wavelet Technique	International Conference on Medical imaging and Communication systems, (MedCom-2014), Greater Noida, India. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/MedCom.2014.7005991
813	Kanika Sahni and Kiran Rawat	MTech (VLSI)	2014	Low Power Approach for Implementation of 8B/10B Encoder and 10B/8B Decoder Used for High Speed Communication	2nd IEEE Conference on Emerging Technology Trends in Electronics, Communication and Networking, (ET2ECN-2014). Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ET2ECN.2014.7044951
814	Kriti Chabbra	M.Tech (ECE)	2014	Effect of Dynamic Threshold & Noise Uncertainty in Energy Detection Spectrum Sensing Technique for Cognitive Radio Systems	International Conference on Signal Processing and Integrated Networks (SPIN-2014). Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/SPIN.2014.6776982
815	Thomas, Betsy	M.Tech (EST)	2014	Neural Network based indicative ECG classification	5th International Conference - Confluence The Next Generation Information Technology Summit (Confluence-2014), Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/CONFLUENCE.2014.6949262

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
816	Rahul Malviya and	M.Tech. (VLSI)	2014	HDL implementation of Prepaid Electricity Billing Machine on FPGA	5th International Conference - Confluence The Next Generation Information Technology Summit (Confluence-2014), Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/CONFLUENCE.2014.6949328
817	Jaiyisha Jain and Vivek Upadhayay	M Tech (ECE)	2014	Comparison and analysis of AD-Hoc routing protocols (proactive, reactive & hybrid)	International Journal of Applied Engineering Research (8 SPEC. ISSUE), pp. 863-868 (Scopus indexed) https://www.scopus.com/record/display.uri?eid=2-s2.0-84903989729&origin= resultslist&sort= plff&src= s&sid=3e3377d7d80db4e837dba5de218cbf39&sot= autdocs&sdt=autdocs&sl=18&s=AU-ID% 28553180 22000%29&relpos=12&citeCnt=1&searchTerm=
818	Geetanjali Sharma and Viral Degarwala	M.Tech. (WC)	2014	Flexible S-band Receiver for LEO Mission	PIERS 2014, 25-28 August 2014, Guangzhou, China Proceedings published by IEEE Xplore Digital Library.
819	Aryam Bahukhandi, Arshdeep Kaur, Sunali Katyar and Siddharth Khajuria	B.Tech (ECE)	2014	Novel Power Efficient 12T Full ADDER	International Journal of Simulation Systems, Science & Technology, 2014. and Indexed in Scopus DOI 10.5013/IJSSST.a.15.05.06
820	Vinay	M. Tech	2014	Gender Specific Emotion Recognition through Speech Signals	International Conference on Signal Processing & Integrated Networks, (SPIN-2014), published by IEEE Xplore Digital Library DOI: 10.1109/SPIN.2014.6777050
821	Binu Alias and P Harsha	M. Tech (VLSI)	2014	Hardware Implementation and testing of effective DPCM Image compression Technique using Multiple LUT	International Conference on Advances in Electronics, Computers and Communications 2014, Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ICAECC.2014.7002433
822	Raghvendra K Yadav	M.Tech	2014	Assistive aids for the disabled: Past, present and future	5th International Conference - Confluence The Next Generation Information Technology Summit (Confluence-2014), Proceedings published by IEEE Xplore Digital Library. DOI: 10.1109/CONFLUENCE.2014.6949317
823	Sakshi Bansal	M.Tech (ECE)	2014	Novel Design of Key-Shaped Fractal Antenna for UWB Applications	International conference on Computational Intelligence & Communication Networks (CICN-2014), Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/CICN.2014.31
824	Shaumik Ganguly, Kshitij Srivastava and Shaunak Ganguly	B.Tech (ECE)	2014	An Efficient Grading Algorithm for Non-Proliferative Diabetic Retinopathy using Region Based Detection.	37th International Conference on Telecommunications and Signal Processing (TSP-2014), July 2014, Berlin, Germany. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/TSP.2015.7296363
825	Shaunak Ganguly, Shaumik Ganguly and Kshitij Srivastava	B.Tech (ECE)	2014	An Adaptive Threshold Based Algorithm for Detection of Red Lesions of Diabetic Retinopathy in a Fundus Image	International Conference on Medical Imaging, m-Health & Emerging Communication System (MEDCOM-2014), Greater Noida, India. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/MedCom.2014.7005982
826	Nakul Maini, Akul Sabharwal, Kshitij Sareen and Anindita Singh	B. Tech (ECE)	2014	A User Programmable Electro Optic Device for Testing Laser Seekers	Published in Defence Science Journal Vol. 64 DOI:10.14429/dsj.64.4857
827	Shivangi Tandon, Sheenam Verma, Alisha Chopra and Divya Mahajan	B.Tech (ECE)	2014	Image Transmission of an OFDM system over various channels using Differential Encoding	2nd International Conference on Emerging Research in Computing, Information, Communication and Applications (ERCICA-2014), July 2014, Bangluru. Proceedings published by Elsevier Procedia and indexed by Scopus.

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
828	Kshitij Chopra	B.Tech (ECE+MBA)	2014	Integrated Circuit for converting low voltage AC to normal DC voltages	Patent filed CBR No. 22380 (Application No. 3220/DEL/2014)
829	Anurag Kumar Singh	M.Tech (ECE)	2014	Design Analysis of Pythagoras Tree Shaped Multiband Fractal Antenna	International conference on Computational Intelligence & Communication Networks (CICN-2014), Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/CICN.2014.21
830	Samira Ahmed	M.Tech (ECE)	2014	Modified Ring Shaped Sierpinski Triangle Fractal Antenna for C-Band and X-Band Applications	International conference on Computational Intelligence & Communication Networks (CICN-2014), Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/CICN.2014.29
831	Anas Ali Jafri, Usamah Beg	B.Tech (ECE)	2014	Portable Automatic Switch Controlling device for Controlling Switch	(Application No. 2572/DEL/2014
832	Subham Kumar Gupta	M. Tech (IT)	2014	A novel based security architecture of cloud computing	3rd International Conference on Reliability, Infocom Technologies and Optimization: Trends and Future Directions, ICRITO 2014, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/ICRITO.2014.7014676
833	Payal Mittal and Bhawna Dhruv	M. Tech. (CSE)	2014	Analysis ofsecurity trends and control methods in Android platform	International Conference on Innovative Applications of Computational Intelligence on Power, Energy and Controls with Their Impact on Humanity, CIPECH, November 2014, Proceedings published by IEEE Xplore Digital Library and indexed in Scopus https://doi.org/10.1109/CIPECH.2014.7019100
834	Rashmi Priyadarshi	M. Tech.(CSE)	2014	An implementation of opinion mining using fuzzy inference system	International Conference on Innovative Applications of Computational Intelligence on Power, Energy and Controls with Their Impact on Humanity, CIPECH, November 2014, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/CIPECH.2014.7019106
835	Parv Gupta	M. Tech.(CSE)	2014	Digital life assistant using automated speech recognition	International Conference on Innovative Applications of Computational Intelligence on Power, Energy and Controls with Their Impact on Humanity, CIPECH, November 2014, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/CIPECH.2014.7019075
836	Apoorva Gupta	M. Tech(CSE)	2014	Robotic perception amalgamated with autonomic computing for ground water level detection	6th International Conference on Computational Intelligence and Communication Networks, CICN 2014, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/CICN.2014.252
837	Nikita P Singh	M. Tech (CSE)	2014	Integrating machine learning techniques to constitute a hybrid security system	4th International Conference on Communication Systems and Network Technologies, CSNT 2014, Bhopal, India, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus. https://doi.org /10.1109/CSNT.2014.221
838	Leena Singh	M. Tech (CSE)	2014	Study of Current Program Slicing Techniques	5th International Conference Confluence 2014,The Next Generation Information Technology Summit, September-2014, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/CONFLUENCE.2014.6949332

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
839	Kirti Gupta	M. Tech (CSE)	2014	Method for Maintaining Security on Cloud of Stored Data	5th International Conference Confluence 2014,The Next Generation Information Technology Summit, September-2014, pp 90, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/CONFLUENCE.2014.6949346
840	Neha Sharma	M. Tech(CSE)	2014	Semantic Based Web Prefetching Using Decision Tree Induction	5th International Conference Confluence 2014,The Next Generation Information Technology Summit, September-2014, pp. 132-137, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/CONFLUENCE.2014.6949277
841	Kalpana Dwivedi	M. Tech(CSE)	2014	Analytical Review on Hadoop Distributed FileSystem	5th International Conference Confluence 2014,The Next Generation Information Technology Summit, September-2014, pp. 174-181, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/CONFLUENCE.2014.6949336
842	Amit Mishra	M. Tech(CSE)	2014	Evaluation of Reliability of Object Oriented Software System Using Fuzzy Approach	5th International Conference Confluence 2014,The Next Generation Information Technology Summit, September-2014, pp. 806-809, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber =6949324
843	Vandana Singh	M. Tech (CSE)	2014	Opinion Mining and Analysis: A Literature Review	5th International Conference Confluence 2014,The Next Generation Information Technology Summit, September-2014, pp. 232-239, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/CONFLUENCE.2014.6949318
844	Hareesh Pillai	M. Tech(CSE)	2014	Academic Coding Guideline Model – OCG	International Conference on Computing for Sustainable Global Development, INDIACom-2014, March, 2014, pp. 602-606, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/IndiaCom.2014.6828032
845	Jyoti Yadav	M. Tech(CSE)	2014	Analytical Study of Cluster Head Selection Schemes in Wireless Sensor Networks	International Conference on Signal Propagation and Computer Technology, ICSPCT 2014, Government Engineering College, Ajmer Rajasthan India, July 2014, pp. 81-85, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/ICSPCT.2014.6884899
846	Ritika Vern	M.Tech(CSE)	2014	A Review on Appraisal Techniques for Web Based Maintainability	5th International Conference Confluence 2014,The Next Generation Information Technology Summit, September-2014, pp. 795-799, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/CONFLUENCE.2014.6949320
847	Chahat Sharma	M. Tech(CSE)	2014	Analysis of Eye Tracking Techniques in Usability and HCI Perspective	International Conference on Computing for Sustainable Global Development, INDIACom-2014, March 2014, pp. 607-612, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber =6828034
848	Charu Singh and Amrendra Pratap	M. Tech(CSE)	2014	An Estimation of Software Reusability using Fuzzy Logic Technique	International Conference on Signal Propagation and Computer Technology, ICSPCT 2014, July 2014, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/ICSPCT.2014.6884890

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
849	Neerja Gupta	M. Tech (CSE)	2014	Path Tracking of Automated Guided Vehicle	Seventh International Conference on Contemporary Computing (IC3 2014), August 2014,pp. 260-264, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/IC3.2014.6897183
850	Charu Singh and Amrendra Pratap	M. Tech(CSE)	2014	Estimation of Software Reusability for Component Based System Using Soft Computing Techniques	5th International Conference Confluence 2014,The Next Generation Information Technology Summit, September-2014, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/CONFLUENCE.2014.6949307
851	Vineeta	M. Tech(CSE)	2014	A Study of Various Automated Test Oracle Methods	5th International Conference Confluence 2014, The Next Generation Information Technology Summit, September-2014, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/CONFLUENCE.2014.6949222
852	Vineeta	M. Tech(CSE)	2014	Generation of Test Oracles using Neural Network and Decision Tree Model	5th International Conference Confluence 2014,The Next Generation Information Technology Summit, September-2014, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/CONFLUENCE.2014.6949311
853	Preeti Lochab	M. Tech(CSE)	2014	Generation of Mutation Operators for Aspect-Oriented Software Systems	5th International Conference Confluence 2014, The Next Generation Information Technology Summit, September-2014, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/CONFLUENCE.2014.6949043
854	Ravi Kumar	B. Tech(CSE)	2014	Smartphone Security and Contact Synchronization	International Conference on Computing, Communication and Automation (ICCCA), March 2014, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/CSNT.2014.130
855	Stuti	M. Tech(CSE)	2014	Design and implementation of wireless menu card	5th International Conference Confluence 2014,The Next Generation Information Technology Summit, September-2014, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/CONFLUENCE.2014.6949255
856	Piyush Saxena	M. Tech(CSE)	2014	Performance evaluation of HDD and SSD on 10GigE, IPoIB& RDMA-IB with Hadoop Cluster Performance Benchmarking System	5th International Conference Confluence 2014, The Next Generation Information Technology Summit, September-2014, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/CONFLUENCE.2014.6949047
857	Himani Rastogi and Swati Dhankhar	M. Tech(CSE)	2014	A survey on software effort estimation techniques	5th International Conference Confluence 2014,The Next Generation Information Technology Summit, September-2014, pp.826,830, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/CONFLUENCE.2014.6949367
858	Prakashbhai, P.A	M. Tech(CSE)	2014	Inference patterns from Big Data using aggregation, filtering and tagging- A survey	5th International Conference Confluence 2014,The Next Generation Information Technology Summit, September-2014, pp. 66-71, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/CONFLUENCE.2014.6949238

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
859	Agarwal, Yukti	M. Tech(CSE)	2014	Performance Evaluation of Different Techniques in the Context of Data Mining-A Case of an Eye Disease	5th International Conference Confluence 2014,The Next Generation Information Technology Summit, September-2014, pp. 72-76, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/CONFLUENCE.2014.6949239
860	Nitika Kaushik	M. Tech(CSE)	2014	Secured data transmission in energy efficient mobile adhoc network	5th International Conference Confluence 2014,The Next Generation Information Technology Summit, September-2014, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber =6949322
861	Junaid Khan	M. Tech(CSE)	2014	Security issues in face recognition	5th International Conference Confluence 2014,The Next Generation Information Technology Summit, September-2014, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/CONFLUENCE.2014.6949341
862	Kiran	M. Tech(CSE)	2014	Implementing dynamic certificates for securing database	5th International Conference Confluence 2014,The Next Generation Information Technology Summit, September-2014, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber =6949310
863	Ashmeet	M. Tech(CSE)	2014	PeMo: Modifying application's permission and preventing information stealing on smartphones	5th International Conference Confluence 2014,The Next Generation Information Technology Summit, September-2014, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/CONFLUENCE.2014.6949282
864	Deepika Bajaj	M. Tech (CSE)	2014	GUI Controlled BOT using Image Processing	International Conference on Computational Intelligence and Computing Research, ICCIC 2014, December 2014, Coimbatore, India, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/ICCIC.2014.7238528
865	Guatam S. Prakash	B. Tech (CSE)	2014	Computer Vision & Fuzzy Logic based Offline Signature Verification and Forgery Detection	International Conference on Computational Intelligence and Computing Research, ICCIC 2014, December 2014, Coimbatore, India, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/ICCIC.2014.7238363
866	Anisha Syal and Divya Garg	B. Tech (CSE)	2014	Apple Fruit Detection and Counting Using Computer Vision Techniques	International Conference on Computational Intelligence and Computing Research, ICCIC 2014, December 2014, Coimbatore, India, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/ICCIC.2014.7238364
867	Bhawna Gupta	M. Tech(CSE)	2014	Survey on Techniques used in Autonomous Maze Solving Robot	5th International Conference Confluence 2014, The Next Generation Information Technology Summit, September-2014, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/CONFLUENCE.2014.6949354
868	Garima Arora	M. Tech (CSE)	2014	Review on time series databases and recent research trends in Time Series Mining	5th International Conference Confluence 2014, The Next Generation Information Technology Summit, September-2014, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/CONFLUENCE.2014.6949290

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
869	Pragya Agrawal	M. Tech (CSE)	2014	Protecting video data through watermarking: A comprehensive study	5th International Conference Confluence 2014, The Next Generation Information Technology Summit, September-2014, pp. 657-662, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/CONFLUENCE.2014.6949276
870	Saket Kumar Pathak	M. Tech (CSE) Weekend	2014	An implementation of post processing technique in 3D graphics	International Conference on Computing for Sustainable Global Development, INDIACom-2014, March, 2014, pp. 85-88, Proceedings published by IEEE Xplore Digital Library & indexed by Scopus https://doi.org /10.1109/IndiaCom.2014.6828077
871	Jeelen Kumar Sarungbam	M. Tech(CSE)	2014	Script identification and language detection of 12 Indian languages using DWT and template matching of Frequently Occurring Character(s)	5th International Conference Confluence 2014,The Next Generation Information Technology Summit, September-2014, pp. 657-662, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/CONFLUENCE.2014.6949300
872	Mohammed Sarfaraz	M. Tech (CSE)	2014	Survey on Trust Establishment in Cloud Computing	5th International Conference Confluence 2014, The Next Generation Information Technology Summit, September-2014, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/CONFLUENCE.2014.6949375
873	Om Preeti Chaurasia and Rashi Kohli	M. Tech (CSE)	2014	Biometrics Minutiae Detection and Feature Extraction	Lampart publishers, Germany EAN 9783659608315
874	Sonam Agrawal	M. Tech (CSE) Weekend	2014	An Empirical Study of Control Dependency and Data Dependency for large software systems	5th International Conference Confluence 2014,The Next Generation Information Technology Summit, September-2014, pp. 877-879, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/CONFLUENCE.2014.6949230
875	Gurpreet Singh Matharu and Lalita Chaudhary	M.Tech. (IT)	2014	Integrated Election Voting System: A Model for Leveraging ICT in the Indian Election Scenario	International Conference on Information and Communication Technology for Competitive Strategies (ICTCS' 14) 14th -16th November, 2014. Proceedings published by ACM - ICPS
876	Gurpreet Singh Matharu and Pallavi Chhikara	M.Tech. (IT)	2014	CIEVS: A Cloud-based Framework to Modernize the Indian Election Voting System	International Conference on Computational Intelligence and Computing Research (ICCIC) 18th -20th December, 2014. Published in IEEE Xplore and indexed in Scopus
877	Archana Gupta, Ajita Verma and Lokesh Kumar	M.Tech. (IT)	2014	Big Data: A Security Compliance Model	Conference on IT in Business, Industry and Government (CSIBIG) 8th -9th March, 2014. Published in IEEE Xplore and indexed in Scopus
878	Archana Gupta and Ajita Verma	M.Tech. (IT)	2014	Relationship Classifier and Stress analyzer in the mobile messaging application network through Text Mining	Confluence2014-The Next Generation IT Summit 25th -26th September, 2014. Published in IEEE Xplore and indexed in Scopus
879	Pallavi Chhikara and Gurpreet Singh Matharu	M.Tech. (IT)	2014	Towards OpenFlow Based Software Defined Networks	International Conference on Computational Intelligence and Computing Research (ICCIC) 18th -20th December, 2014. Published in IEEE Xplore and indexed in Scopus
880	Anupriya Tuli and Megha Sharma	M.Tech. (IT)	2014	Framework to leverage cloud for the modernization of the Indian agriculture system	International Conference on Electro/Information Technology (EIT 2014) 5th -7th June, 2014. Published in IEEE Xplore and indexed in Scopus

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S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
881	Megha Sharma and Anupriya Tuli	M.Tech. (IT)	2014	Investigating the inclinations of research and practices in Hadoop: A Systematic Review	Confluence 2014-The Next Generation IT Summit 25th - 26th September, 2014. Published in IEEE Xplore and indexed in Scopus
882	Sahil Kumar Aggarwal	M.Tech. (IT)	2014	Speculation of CMMI in Agile Methodology	International Conference on Advances in Computing, Communication and Informatics (ICACCI 2014) 24th - 27th September, 2014. Published in IEEE Xplore and indexed in Scopus
883	Sahil Aggarwal	M.Tech. (IT)	2014	Swift Tack: A New Development Approach	International Conference on Issues and Challenges in Intelligent Computing Techniques (ICICT 2014) 7th -8th February, 2014. Published in IEEE Xplore and indexed in Scopus
884	Parv Gupta	B.Tech. (IT)	2014	Analysis of Security Trends and Control Methods in Android Platform	International Conference on Innovative Applications of Computational Intelligence on Power, Energy and Controls with their impact on Humanity (CIPECH-2014) 28th -29th November, 2014. Published in IEEE Xplore and indexed in Scopus
885	Parv Gupta	B.Tech. (IT)	2014	Digital Life Assistant using Automated Speech Recognition	International Conference on Innovative Applications of Computational Intelligence on Power, Energy and Controls with their impact on Humanity (CIPECH-2014) 28th -29th November, 2014. Published in IEEE Xplore and indexed in Scopus
886	Ishtiyaq Shafi Rafiqi	M.Tech. (Power Systems)	2014	The Performance of Solar Wind Hybrid System in Power Grid	Advanced Science Letters, Vol. 20, No. 7-9, July 2014, pp. 1287-1296 (10). Indexed in Scopus DOI: https://doi.org/10.1166/asl.2014.5529.
887	Vijaya Rai	M.Tech. (Power Systems)	2014	Transient Stability Analysis of Wind Turbine Based Micro Grid using ETAP Software	International Journal of Engineering Research & Technology, (IJERT), pp. 1515-1518, Vol. 3, No. 4, April -2014. DOI: IJERTV3IS041712
888	Abhilash reddy	M.Tech. (Power Systems)	2014	Power Devices Implementation & Analysis in ETAP	International Journal of Engineering and Technical Research (IJETR), pp. 273-233, Vol. 2, No.5, May 2014, ISSN: 2321-0869. DOI: IJETR021848.
889	Swati Paliwal	M. Tech. (Power Systems)	2014	GPS Interfacing of Banediya Feeder (M.P) Using MI Power Software	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, pp. 1-6, July 2014, ISSN ONLINE: 2278-8875, PRINT: 2320-3765.
890	Sumanth Yamujala, Indrakanti Abhinay Sri Teja and Yalavarthi Lahari	M.Tech. (Power Systems)	2014	Present Scenario of Distributed Generation in India - Technologies, Cost Analysis & Power Quality Issues	IEEE conference on Innovative Applications of Computational Intelligence on Power, Energy and Controls with their impact on Humanity, pp. 417-421, Nov 2014, India, Proceedings published by IEEE xplore Digital Library, indexed in Scopus. DOI: 10.1109/CIPECH.2014.7019089.
891	Malvika Chauhan	M. Tech. (Power Systems)	2014	Features and Design Concepts of Gas Insulated Switch Gear	International Journal of Advance Research In Science and Engineering (IJARSE), pp. 60-67, Vol. No.3, June 2014, ISSN-2319-8354(E) .
892	Neeraj Karnani	M. Tech (EST)	2013	Design and Implementation of Sudoku Solving Robot using Microcontroller	Proceedings of the IEEE 2nd Students Conference on Engineering and Systems (SCES-2013), MNNIT Allahabad. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/SCES.2013.6547572
893	B.B. Shabrinath	M Tech(EST)	2013	MODBUS communication in microcontroller based elevated controller	International Conference on Control, Automation, Robotics and Embedded Systems (CARE-2013), Dec. 2013. Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/CARE.2013.6733770

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
894	Charul Agarwal	M. Tech (ECE Weekend)	2013	Performance Analysis and FPGA Implementation of Digital PID Controller for Speed Control of DC Motor.	International Journal Of Computers & Technology, Vol 7, No 3, June 2013.Page : 638-645
895	Vinay	M. Tech	2013	Vocal Emotion Recognition Using Naïve Bayes Classifier	International Conference on Advances in Computer Science, AET ACS, Proceedings published by Elsevier
896	Pragya Agarawal	B Tech	2013	Transmission and Authentication of Text Messages through Image Steganography by image	The Next Generation Information Technology Summit, 2013 Proceedings published by IEEE Xplore Digital Library https://pdfs.semanticscholar.org/2bbe/1bb862d94edb ef3ca981d91e817c7dba8a73.pdf
897	Priyanka Bawa	M. Tech (ECE) Weekend	2013	Enhancement in Leach Protocol for Wireless Sensor Networks	International Journal of Computer Applications (0975 – 8887) Volume 74– No. 21 doi;10.5120/13041-0084
898	Shivani Yadav and Neha Malik	M. Tech (VLSI)	2013	Low Power SRAM Design with Reduced Read/Write Time	International Journal of Information and Computation Technology, vol 3, pp. 195-200
899	Payal Prusty, Bani Gandhi and Vinika Yadav	B.Tech. (ECE)	2013	Design and development of microstrip fractal antenna	Proceedings of International Conference on Power Electronics and Instrumentation Engineering (PEIE-2013) Proceedings published by IEEE Xplore Digital Library DOI: 10.1049/cp.2013.2183
900	Aashima Chawla and Atin Agarwal	B.Tech (ECE)	2013	Design and Development of Multiple Input Multiple Output System in Cooperative Communication	International Conference on Advances in Signal Processing and Communication (SPC-2013), Amritsar, Proceedings published by Elsevier procediahttps://pdfs.semanticscholar.org/e255/cf85fa 5220d23b664be4ace61ce319740ea6.pdf
901	Seema Yadav	B. Tech (CSE)	2013	A load balanced Clustering Architecture with Two Cluster Heads	Tenth International Conference on Wireless and Optical Communications Networks (WOCN), July 2013, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/WOCN.2013.6616205
902	Aarti	B. Tech (CSE)	2013	A reliable and cost effective next hop selection for aggregative path generation in UWSN	Tenth International Conference on Wireless and Optical Communications Networks (WOCN), July 2013, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/WOCN.2013.6616206
903	Ulya Sabeel	M. Tech(CSE)	2013	A smart and contemporary home security system using 802.15.4 standard	5th International Conference on Computational Intelligence and Communication Networks, CICN, September 2013, Mathura, India, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/CICN.2013.83
904	Saima Maqbool	M. Tech(CSE)	2013	Real time wireless monitoring and control of water systems using zigbee 802.15.4	5th International Conference on Computational Intelligence and Communication Networks, CICN, September 2013, Mathura, India, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/CICN.2013.42
905	Pavitra Chauhan and Nikita P Singh	M. Tech(CSE)	2013	Security breaches in an organization and their countermeasures	5th International Conference on Computational Intelligence and Communication Networks, CICN, September 2013, Mathura, India, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/CICN.2013.79

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
906	Ulya Sabeel	M. Tech(CSE)	2013	A novel scheme for multiple spoof attack detection and localization on wsn-based home security system	5th International Conference on Computational Intelligence and Communication Networks, CICN, September 2013, Mathura, India, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/CICN.2013.81
907	Pavitra Chauhan and Nikita P Singh	M. Tech(CSE)	2013	Deportment of logs for securing the host system	5th International Conference on Computational Intelligence and Communication Networks, CICN, September 2013, Mathura, India, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/CICN.2013.80
908	Saima Maqbool	M. Tech(CSE)	2013	Selecting optimal forwarder based on energy and trust for routing in WSN	5th International Conference on Computational Intelligence and Communication Networks, CICN, September 2013, Mathura, India, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/CICN.2013.82
909	Nikita P Singh and Pavitra Chauhan	M. Tech(CSE)	2013	Security issues of distance vector routing protocol and its advancement in security	International Conference on Communication Systems and Network Technologies, CSNT, April 2013, Gwalior, India, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/CSNT.2013.115
910	Hareesh Pillai	M. Tech (CSE)	2013	ESD – A SME Centric Structured Electronic Course Development Guideline Model	4th International Conference on the Next Generation Information Technology Summit, Confluence 2013, Noida, India, September 2013, pp. 490-495, Proceedings published by IEEE Xplore Digital Library, IET Digital Library& indexed in Scopus https://doi.org /10.1049/cp.2013.2363
911	Satyam Saxena	M. Tech (CSE)	2013	Various Levels of Human Stress and Their Impact on Human Computer Interaction	International Conference on Human Computer Interaction, August 2013, pp. 1-6,Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org /10.1109/ICHCI-IEEE.2013.6887808
912	Preeti Gupta	M. Tech (CSE)	2013	Service-Oriented Model Approach to Create the Web Services	4th International Conference on the Next Generation Information Technology Summit, Confluence 2013, September 2013, Proceedings published by IEEE Xplore Digital Library, IET Digital Library& indexed in Scopus https://doi.org/10.1049/cp.2013.2350
913	Saket Kanth and Anamika Jaiswal	B. Tech (CSE)	2013	Identification of different stages of Diabetic Retinopathy using artificial neural network	Sixth International Conference on Contemporary Computing (IC3), August 2013, pp.479,484, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org/10.1109/IC3.2013.6612243
914	Rupinder Kaur	M. Tech (CSE)	2013	Band Prioritization and Feature Extraction of Multispectral Image	4th International Conference on the Next Generation Information Technology Summit, Confluence 2013, September 2013, Proceedings published by IEEE Xplore Digital Library, IET Digital Library& indexed in Scopus DOI https://doi.org/10.1049/cp.2013.2341
915	Ashish Kots	M. Tech(CSE)	2013	The fuzzy based QMPR selection for OLSR routing protocol	Springer Journal Of Wireless Network, Indexed by SCI DOI https://doi.org/10.1007/s11276-013-0591-z
916	Chanchal Yadav	M. Tech(CSE)	2013	An approach to improve apriori algorithm based on association rule mining	4th International Conference on Computing, Communications and Networking Technologies, ICCCNT, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org/ 10.1109/ICCCNT.2013.6726678

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
917	Mahima Goyal	M. Tech(CSE)	2013	Global optimization for 3-D reconstruction of coronary artery trees from angiographic image sequence	4th International Conference on Computing, Communications and Networking Technologies, ICCCNT, July 2013,Tiruchengode, pp. 1-5, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org/ 10.1109/ICCCNT.2013.6726682
918	Anupriya Tuli and Megha Sharma	M.Tech. (IT)	2013	Exploring Challenges in Mobile Cloud Computing: An Overview	International Conference- Confluence 2013: The Next Generation Information Technology Summit Published in IEEE Xplore and indexed in Scopus
919	Anshul Kumar Sharma	B.Tech. (IT)	2013	An Efficient way of Articulation or Suppression in Agile Methodologies	Confluence 2013 - The Next Generation Information Technology Summit 26th -27th September, 2013. Published in IEEE Xplore and indexed in Scopus
920	Lucky Gautam and Chinoy Sharma	B.Tech(E&I)	2013	Developing Infrared Controlled Automated Door System	International Journal of Modern Engineering Research (IJMER, pp-2872-2874, Vol. 3, No. 5, Sep - Oct. 2013, ISSN: 2249-6645.
921	Lucky Gautam and Chinoy Sharma	B.Tech (E&I)	2013	Developing Manual Control for a Line Follower Robot	Advance in Electronic and Electric Engineering, pp. 305-310, Vol. 3, No. 3, 2013, Research India Publications, ISSN 2231-1297,
922	Ankit Murarka and Anshul Vashist	B.Tech (ECE)	2012	A Blind Watermarking Algorithm for Audio Signals Based on Singular Value Decomposition	International Conference on Recent Trends in Information, Telecommunication and Computing (ITC-2012), Bangalore, Proceedings published by Springer Verlag Publishers, Germany. LNEE, volume 150 pp 491-497 • DOI: //doi.org/10.1007/978-1-4614-3363-7_57
923	Akash Verma, Ankit Murarka and Anshul Vashist	B.Tech (ECE)	2012	An Efficient Audio Watermarking Scheme based on SVD in Wavelet Domain and Chaotic Mapping	Nirma University International Conference on Engineering (NUiCONE-2012), Gujrat, India, Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/NUICONE.2012.6493232
924	Sourabh Dimri and Sudhir Singh	B.Tech (ECE)	2012	A Robust Watermarking Algorithm Based on Multi Resolution Decomposition of Audio Signal	3rd International Conference on Computer and Communication Technology (ICCCT-2012), Proceedings published by IEEE Xplore Digital Library DOI: 10.1109/ICCCT.2012.67
925	Ushaben Keshwala	M.Tech (WC)	2012	Study on Potentiality of Truncated PRN Sequences for Communication	International Conference on Communications, Devices and Intelligent Systems (CODIS-2012) Proceedings published by IEEE Xplore Digital Library Pages: 409 – 412 DOI: 10.1109/CODIS.2012.6422225
926	Namrata Gandhi	B Tech	2012	Recognizing emotions using speech and blood volume pulse	International conference on Computational Intelligence and Information Technology, Proceedings published by IEEE Xplore Digital Library
927	Sourabh Dimri and Sudhir Singh	B. Tech (CSE)	2012	A Robust Watermarking Algorithm based on Multi Resolution decomposition of Audio signal	3rd International Conference on Computer and Communication Technology, ICCCT, November 2012, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org/ 10.1109/ICCCT.2012.67
928	Amnesh Goel	M. Tech (CSE)	2012	A technique for image encryption based on explosive n*n block displacement followed by inter-pixel displacement of RGB attribute of a pixel	International Conference on Communication Systems and Network Technologies, CSNT, May 2012, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org/ 10.1109/CSNT.2012.190

STUDENT INNOVATIONS @ ASET

S. No.	Name of Students	Programme	Year	Title of the Research Paper	Publications Details
929	Amnesh Goel	M.Tech (CSE)	2012	A prototype model for secure storage of medical images and method for detail analysis of patient records with PACS	International Conference on Communication Systems and Network Technologies, CSNT, May 2012, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org/ 10.1109/CSNT.2012.217
930	Amnesh Goel, Sukanya Ray and Prateek Agrawal	M. Tech (CSE)	2011	Air pollution detection based on head selection clustering and average method from wireless sensor network	2nd International Conference on Advanced Computing and Communication Technologies, ACCT, January 2012, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org/10.1109/ACCT.2012.18
931	Addwiteey Chrungoo and Akshay Kumar	B.Tech. (ECE)	2010	On adaptive HVAC based on a De-Centralized algorithm using K:1 transmission protocol for Autonomous Wireless Sensor Network	6th International Conference on Wireless Communication and Sensor Networks (WCSN-2010), Dec 2010, IIIT Allahabad, India Published by IEEE Xplore Digital Library - DOI: 10.1109/WCSN.2010.5712295
932	Addwiteey Chrungoo, Mani Kaustubh and Swapnil Singh	B.Tech. (ECE)	2010	A novel wireless interrogable mobile robot to monitor mixed air temperature in HVAC duct systems for thermal performance analysis	International Conference on Electronics and Information Engineering (ICEIE-2010), Aug 2010, Published by IEEE Xplore Digital Library - DOI: 10.1109/ICEIE.2010.5559709
933	Parth Birendra	B.Tech (CSE)	2010	A Proposal for New Software Development Life Cycle Model: PARTH's Model	International Conference on Computer Applications, ICCA, June 2010, Proceedings published by IEEE Xplore Digital Library & indexed in Scopus https://doi.org/ 10.3850/978-981-08-7618-0_1352

STUDENTS IN HIGHER STUDIES

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STUDENTS IN HIGHER STUDIES

S. NO.	NAME OF STUDENT	COURSE / BATCH	NAME OF COURSE	NAME OF UNIVERSITY / COUNTRY
1	Ms. Aditi Chandra	B.Tech. (MAE) (2008-12)	MS	Massachusetts Institute of Technology, USA
2	Mr Sandeep Singh	B.Tech. (CSE) (2009-13)	MS	University of Chicago, USA
3	Ms. Priya Narayanan	B.Tech. (ECE) (2009-13)	MS	Nanyang Technological University, Singapore
4	Mr Anupam Kamal	B.Tech. (IT) (2008-12)	MS	Cornell University, USA
5	Mr Indroneel Mukherjee	B.Tech. (ECE) (2011-15)	MS	National University of Singapore, Singapore
6	Mr Tejaswam	B.Tech. (CSE) 2008-12	MS	John Hopkins University, USA
7	Mr. Addwitey Chirungoo	B.Tech. (ECE) (2008-12)	MS	University of Pennsylvania, USA
8	Ms Shikha Karwal	B.Tech. (IT) (2012-2016)	MS	Australian National University, Australia
9	Mr Gurbaksh Singh	B.Tech. (MAE) (2012-2016)	MS	University of Michigan, USA
10	Mr Jasdeep Sohi	B.Tech. (E&I) (2009-13)	MS	King's University, London, UK
11	Mr Karan jain	B.Tech. (ECE) (2012-2016)	MS	University of California, USA
12	Mr.Ravitej Singh	B.Tech. (ECE) (2013-17)	MS	University of Toronto, Canada
13	Mr Sumit Sharma	B.Tech. (MAE) (2012-2016)	MS	McGill University, Canada
14	Ms. Anindita Singh	B.Tech. (ECE) (2009-13)	M.Sc.	The London School of Economics, UK
15	Mr Shivang Kumar	B.Tech. (CSE) (2012-16)	MS	University of Melbourne, Australia
16	Mr. Aakashdeep Gupta	B.Tech. (ECE) (2006-10)	M.Sc.	University of Bristol, Bristol, UK
17	Mr. Rohit Sareen	B.Tech. (ECE) (2009-13)	MS	Australian National University, Australia
18	Mr Bharat Singhal	B. Tech. (IT) (2007-11)	MS	Carnegie Mellon University, USA
19	Mr Kartic Sharma	B.Tech. (MAE) (2012-2016)	MS	Univeristy of British Columbia, Canada
20	Ms Karnica Kochar	B.Tech. (CSE) (2009-13)	MS	University of Wisconsin, USA
21	Ms Prernna Bhatnagar	B.Tech. (ECE) (2012-16)	MSc	Delft University of Technology, Netherlands
22	Mr Ishu Gupta	B.Tech (CE) (2013-17)	MBA	University of Warwick, UK
23	Mr Bishal Dey Sarkar	M.Tech. (WC) (2014-16)	PhD	IIT Delhi , India
24	Ms Sonali Shankar	M.Tech. (WC) (2014-16)	PhD	IIT Delhi , India
25	Ms Prerna Tyagi	B. Tech. (IT) (2007-11)	MS	Monash University, Australia
26	Mr Dhruv Seth	B.Tech. (CSE) (2011-15)	MS	University of Washington, USA
27	Mr Shivam Barthwal	B.Tech. (IT) (2013-17)	MS	Information systems Lab, Jiao Tong University, China
28	Mr Anshul Vij	B.Tech (CSE) (2007-11)	MS	Technical University, Munich, Germany
29	Mr Ansh Kapil	B.Tech (CSE) (2007-11)	MS	Technical university Munich, Germany
30	Mr Jivesh Upadhyay	B.Tech. (ECE) (2008-12)	MBA	University of British Columbia, Canada

Katha Chanda B.tech student of CSE (2012-16), ASET did her M.S (Comp Sci.) from **Georgia Institute of technology, Atlanta, USA.** She has been offered a full time position from Microsoft, USA

Mr Kshitij Srivastava, B.Tech student of ECE (2012-14), ASET did his M.S (Computer Engineering – 3.9/4.0 GPA) from University of Delaware, USA. Presently he is working as Deep Learning Research Associate at Oak Ridge National Laboratory, Knoxville, Tennessee, USA.

Mr. Abhijeet K Jaiswal, B.Tech. student of (ECE) (2006-10), ASET did his MS (Aerospace Engineering) from University of Colorado, USA. He worked as a Research Intern at JPL (NASA's Jet Propulsion Laboratory) in 2014. He is presently working as Systems Engineer at Rockwell Collins, Los Angeles, USA

Ms. Ayushi Agarwal , B.Tech student of (ECE) (2011-15) is currently doing her MS from Arizona State University, USA

STUDENTS IN HIGHER STUDIES

S. NO.	NAME OF STUDENT	COURSE / BATCH	NAME OF COURSE	NAME OF UNIVERSITY / COUNTRY
31	Mr. Vineet Kumar	B.Tech. (ECE) (2005-09)	Ph.D.	Universität Heidelberg, Germany
32	Ms. Devna Sharma	B.Tech. (ECE) (2007-11)	MS	University of Illinois at Urbana Champaign, USA
33	Ms Katha Chanda	B.Tech (CSE)	(2012-16)	MS Georgia Institute of Technology, USA
34	Mr Rishi Kapoor	B. Tech (IT)	(2006-10)	MBADurham University, UK
35	Ms Kriti Bansal	B.Tech (ECE)	(2013-17)	MS University of North Carolina, USA
36	Mr. Mallikarjun Kura	B.Tech. (ECE) (2009-13)	MS	California State University, USA
37	Mr Mukesh Kumar Roy	M. Tech. (Mechatronics), 2014-16	Ph.D	South Dakota State University, South Dakota USA
38	Ms Richa Verma	M. Tech.(VLSI)(2010-12)	PhD	Ohio State University, USA
39	Ms Anupriya Chakraborty	B.Tech (ECE) (2012-16)	M.S	Pennsylvania State University, USA
40	Ms.Vasudha Khubchandani	M.Tech (Power System) (2014-16)	PhD	IIT Delhi, India
41	Mr. Shubham Makharia	B.Tech (CSE) (2011-15)	MS	Purdue University, USA
42	Ms.Gargi Gupta	B.Tech. (ECE) (2012-16)	MBA	Queen Mary University, London, UK
43	Ms Pallavi Kumari	B.Tech. (ECE) (2005-09)	MBA	University of Maryland, USA
44	Mr. Shaumik Ganguly	B.Tech. (ECE) (2010-14)	M.Sc.	RWTH Aachen, Germany
45	Mr. Dandu Varun Rama Raju	B.Tech. (ECE) (2010-14)	MS	Purdue University, USA
46	Mr. Atriya Ghosh	B.Tech. (ECE) (2008-12)	MS	Penn State University, USA
47	Mr. Tavleen Singh	B.Tech (CSE) (2011-15)	MS	Purdue University, USA
48	Mr Gagandeep Singh	B.Tech (IT) (2010-14)	MS	University of Maryland, USA
49	Mr Akash Verma	B.Tech. (ECE) (2008-12)	M.Sc	TU Chemnitz, Germany
50	Mr. Shivam Gulati	B.Tech (CSE) (2011-15)	MS	Purdue University, USA
51	Mr. Aayush Pathak	B.Tech. (ECE) (2006-10)	MS	University of Southern California, USA
52	Mr. Ankit Murarka	B.Tech. (ECE) (2008-12)	MS	North Carolina State University, USA
53	Ms.Iemei Bhattacharya	B.Tech (E&I) (2009-13)	M.Tech	IIT Guwahati, India
54	Mr Navroj Minhas	B.Tech (ECE) (2011-15)	M.S	University of Pittsburgh, USA
55	Ms Nikita Mehta	B.Tech (CSE) (2011-15)	MS	University of North Carolina, USA
56	Ms Shraddha Gulia	B.Tech. (ECE) (2011-15)	MS	University of Waterloo, Canada
57	Mr. Hareesh	M.Tech (CSE) (2013-15)	PhD	National Tsing Hua University, Taiwan
58	Mr. Kshitij Srivastava	B.Tech. (ECE) (2010-14)	MS	Univ. Of Delaware, USA
59	Mr. Amarjit Singh	B.Tech. (ECE) (2008-12)	MS	University of Colorado Boulder, USA
60	Ms Amayika Kakati	B.Tech. (ECE) (2011-15)	MS	University of Waterloo, Canada

Vivek Garg,
B.Tech-CE (2008-12),
ASET did his M.Sc. (Construction
Engineering and Management)
from **City University, London, UK.**
He is currently working as
Director of VCL Group.

Daksh Bhandari,
B.Tech-CE (2008-12),
ASET did his MBA from **Johnson Graduate
School of Management at Cornell University,
New York, USA.** He is currently working as
Junior Practice Specialist at Mckinsey
and Company.

Harmohan Singh,
B.Tech CE (2008-12),
ASET did his MS from **Deakin University,
Australia.** He is working as Civil Engineer
at Moser Baer.

Nabarjun Vashisth, B.Tech CE (2010-14),
ASET did his MS (Transportation Engineering)
and **Graduate Research Assistant at
Clemson University, USA.** He is currently
working as Roadway Designer at
Wolverton and Associates.

STUDENT INNOVATIONS @ ASET

STUDENTS IN HIGHER STUDIES

S. NO.	NAME OF STUDENT	COURSE / BATCH	NAME OF COURSE	NAME OF UNIVERSITY / COUNTRY
61	Mr. Himanshu Malik	B.Tech (CSE) (2007-11)	MS	Iowa State University, USA
62	Mr Madhur Kukreti	B.Tech (CSE) (2009-13)	MS	University of Waterloo, Canada
63	Mr Ayush Goenka	B. Tech (IT) (2007-11)	MS	Rutgers Business School, USA
64	Ms Aprajita Sharma	B.Tech (CSE) (2010-14)	MS	Texas A&M University, USA
65	Mr Satyajeet Padhy	M.Tech (CSE) (2012-14)	PhD	National Tsing Hua University, Taiwan
66	Mr. Umair Ghazi	B.Tech. (ECE) (2005-09)	MBA	Rochester Institute of Technology, USA
67	Mr Aakash Aggarwal	B.Tech (ECE) (2010-14)	MS	University of Maryland, College Park, USA
68	Mr Rituraj Devrani	B.Tech (CE) (2011-15)	M.Tech	IIT Guwahati, India
69	Mr Shubham Singhal	B.Tech (CE) (2010-14)	M.Tech	IIIT Hyderabad, India
70	Mr. Manish Kumar	M.Tech. (VLSI) (2013-15)	PhD	National Tsing Hua University, Taiwan
71	Ms Aanchal Agarwal	M.Tech (VLSI) (2013-15)	PhD	National Tsing Hua University,Taiwan
72	Mr Rishab Vashisht	B.Tech. (ECE) (2009-13)	MS	San Jose State University, USA
73	Ms. Suhina Agarwal	B.Tech. (ECE) (2010-14)	MS	Rochester Institute of Technology(RIT), USA
74	Ms. Alisha Verma	B.Tech. (ECE) (2010-14)	MS	Purdue University, USA
75	Ms Shalini Sharma	M.Tech (CSE) (2012-14)	PhD	National Tsing Hua University, Taiwan
76	Mr Jahin Majumdar	B.Tech (CSE) (2012-16)	MS	University of Florida, USA
77	Mr Jatin Handa	B.Tech. (CE) (2011-15)	MS	Arizona State University, USA
78	Mr Shashwat Bhattacharya	M.Tech. (VLSI) (2013-15)	PhD	National Tsing Hua University, Taiwan
79	Mr Pragada V Satya C Naidu	M.Tech (VLSI) (2014-16)	PhD	National Tsing Hua University, Taiwan
80	Mr Ashish Kumar	M.Tech (VLSI) (2014-16)	PhD	National Tsing Hua University, Taiwan
81	Ms Priyanka Chaudhary	M.Tech (VLSI) (2014-16)	PhD	National Tsing Hua University, Taiwan
82	Ms Sanya Sahdev	B.Tech. (CSE) (2012-16)	MS	University of Florida, USA
83	Mr Anish Ranjan	B.Tech. (MAE) (2012-16)	MS	Texas A&M University, USA
84	Mr Neel Chatterjee	B.Tech (ECE) (2013-17)	MS	University of Minnesota, Twin Cities, USA
85	Mr Sumit	M.Tech (EST) (2011-13)	PhD	IIT Delhi, India
86	Mr Gaurav Singh	M.Tech (VLSI) (2013-15)	PhD	IIT Indore, India
87	Ms Shivika Gupta	B.Tech (CSE) (2008-12)	MS	RMIT, Australia
88	Mr Ashwini Gupta	B.Tech (IT) (2007-11)	MS	Royal Holloway, University of London, UK
89	Mr Sudeep Gupta	B.Tech. (ECE) (2011-15)	MS	University of Massachusetts, Amherst, USA
90	Ms.Subarna Podder	B.Tech (E&I) (2009-13)	PGDHRM	IIM Ranchi, India

Ananya Bijaya,
B.Tech CE (2009-13), ASET did his
MS (Structural Engineering) at
Colombia University. He is currently
working as Structural Engineer as GM2
Associates Inc., Hartford, CT USA.

Mr Anubhav Saxena,
B.Tech. ECE (2011-15),
ASET did his MS (Electrical and
Electronics Engineering - 3.9/4
GPA), **California State University,
Fullerton, USA.** He is a Consultant
at Capgemini America Inc., Charlotte,
North Carolina, USA

Mr Indroneel Mukherjee,
B.Tech ECE (2011-15),
ASET did his M.Tech - Software
Engineering from **National
University of Singapore.**
He is presently working as a
Software Engineer at SmartClean
Technologies Pte Ltd., Singapore.

Ms. Priya Narayanan,
B.Tech. ECE (2009-13),
ASET did her MS (Communications
Engineering – 4.94/5 GPA) from
**Nanyang Technological University,
Singapore.** She is a Process
Integration Engineer at Global
Foundries, Singapore.

STUDENTS IN HIGHER STUDIES

| S. NO.	NAME OF STUDENT	COURSE / BATCH	NAME OF COURSE	NAME OF UNIVERSITY / COUNTRY
91	Mr Shiv Taneja	B.Tech (ECE) (2011-15)	MBA (HR)	Xavier Institute of Management, Bhubneshwar (XIM-B), India
92	Mr Saurabh Bhagat	B.Tech (IT) (2007-11)	MS	Cardiff University, UK
93	Ms Shubhangi Soni	B.Tech (IT) (2007-11)	MS	Texas A&M University, USA
94	Mr Prateek Chakarbartoy	B.Tech (IT) (2008-12)	MBA	Babson F.W. Olin Graduate School of Business, USA
95	Mr Abhideep	B.Tech (IT) (2008-12)	MBA	University, Canada
96	Ms Peronica Singh	B.Tech (IT) (2008-12)	MBA	Deakin University, Australia
97	Ms Sanna Tayeeb	B.Tech (IT) (2008-12)	MBA	RMIT University, Australia
98	Mr Rishi Sabarwal	B.Tech (IT) (2008-12)	MS	Clemson University, USA
99	Mr Parish Bisht	B.Tech (IT) (2008-12)	MBA	Deakin University, Australia
100	Mr Gaurav Dugar	B.Tech (IT) (2009-13)	MS	Stony Brook University, USA
101	Mr Kirti Lal Chugh	B.Tech (IT) (2009-13)	MS	Florida International University, USA
102	Mr Shivang Sharma	B.Tech (IT) (2009-13)	MS	UCD School of Computer Science and Education, Ireland
103	Mr Dhruv Bhatia	B.Tech (IT) (2010-14)	MS	Illinois Institute of Technology, USA
104	Ms Tanvi Khurana	B.Tech (IT) (2010-14)	MS	University College, Dublin, Ireland
105	Mr Pulkit Narula	B.Tech (CE) (2013-17)	M.TECH	IIT Roorkee, India
106	Ms Mansi Jasuja	B.Tech (IT) 2010-14	MBA	Macquarie Graduate School of Management , Australia
107	Ms Somal Choudhary	B.Tech (ECE) 2011-15	MS	North Carolina University, USA
108	Ms Chavi Jain	B.Tech (ECE) 2012-16	MS	University Of Southampton, UK
109	Mr. Soham Lahiri	B.Tech MAE + M.Tech (AE) (2010-15)	M.Sc.	Oxford Brookes University, UK
110	Mr. Pulkit Arun Sidana	B.Tech (MAE) (2011-15)	MS	Arizona State University , USA
111	Mr Manne Divyateja	B. Tech. (MAE) 2012-16	MS	University of Texas, Arlington, USA
112	Mr Gaurav	B. Tech. (MAE) 2012-16	MSc	University of Kent, UK
113	Mr Anubhav Agarwal	B. Tech. (MAE) 2012-16	MS	Hult International Business School, San Francisco, USA
114	Mr V. Krishna Ritvic	B. Tech. (MAE) 2012-16	MS	University of Texas, Arlington, USA
115	Mr Varun Gaur	B. Tech. (MAE) 2012-16	MS	North Eastern University, USA
116	Mr Keshav Padia	B. Tech. (MAE) 2012-16	MS	F.W. Olin Graduate School of Business, Babson College, USA
117	Mr Hitangshu Sarmah	B. Tech. (MAE) 2012-16	MS	Berkeley College of Music, Boston, USA
118	Ms Aashti Fatima Alam	B.Tech (CSE) 2012-16	MS	George Washington University, USA
119	Mr Mantek Singh Bhatia	B. Tech (CSE) 2012-16	MS	Bowling Green State University, USA
120	Mr Aman Mittal	B.Tech (E&I) 2009-13	MBA	San Diego State University, USA

Ms. Devna Sharma, B.Tech. (ECE) (2007-11), ASET did her MS from University of Illinois at **Urbana Champaign, USA. Currently,** she is an Associate Manager at Global Strategic Partnerships at Expedia, Inc., Chicago, Illinois.

Shaunak Ganguly, B.Tech. - ECE (2010-14), ASET did his M.Sc. in Communications Engineering. Currently, he is working in the Development team for the Infotainment systems of Mercedes Benz cars in Daimler AG in Sindelfingen.

Mr. Ketan Tyagi, B.Tech. ECE (2009-13), ASET, did his M.Sc. from **University of Reading, UK.** Currently he is working as a Business Analyst at White Clarke Group, UK.
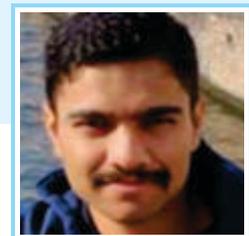
Shaumik Ganguly, B.Tech - ECE (2010-14) did his M.Sc. (Communications Engineering) from the prestigious **RWTH Aachen, Germany.** He is currently based in Frankfurt, working for Continental AG towards designing hardware solutions for Advanced Driver Assistance System

STUDENT INNOVATIONS @ ASET

STUDENTS IN HIGHER STUDIES

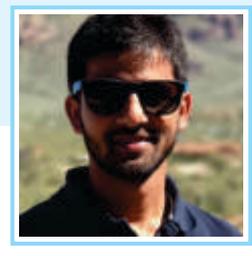| S. NO.	NAME OF STUDENT	COURSE / BATCH	NAME OF COURSE	NAME OF UNIVERSITY / COUNTRY
121	Mr Kshitij Bantupalli	B.Tech. (CSE) (2012-16)	MS	Kennesaw State University, USA
122	Ms Divya Chaudhary	B.Tech. (EEE) (2012-16)	MS	University of Technology, Sydney, AUS
123	Mr Raul Vaid	B.Tech. (MAE) (2012-16)	MSc	University of Manitoba, Canada
124	Ms Aditi Garg	B.Tech. (EEE) (2011-15)	PG	Ryerson University, Canada
125	Ms Vansha Mahajan	B.Tech. (EEE) (2011-15)	PG	Willamette University, USA
126	Ms Apoorva Satpathy	B.Tech. (EEE) (2011-15)	PG	Universität Oldenburg. Poland
127	Mr Brij Dhingra	B.Tech. (IT) (2012-16)	MS	The University of Texas, Dallas, USA
128	Mr Nishant Sharma	B.Tech. (IT) (2012-16)	MS	New Jersey Institute of Technology, USA
129	Mr Akshaj Arora	B.Tech. (ECE) (2012-16)	MS	University of Illinois, USA
130	Ms Sahitya Singh	B.Tech. (ECE) (2012-16)	MS	University of Illinois, USA
131	Mr R. Prem Kumar	B.Tech. (ECE) (2012-16)	MS	Wright State University, USA
132	Ms Gunjan	B.Tech. (ECE) (2012-16)	MS	University of Kent, UK
133	Mr Sushant Mongia	B.Tech. (ECE) (2012-16)	MS	Stevens Institute of Technology , USA
134	Mr Samarth Bhandari	B.Tech. (CE) (2011-15)	MBA	The Ross School of Business, USA
135	Ms Sanchi Singh	B.Tech. (CE) (2011-15)	MSc	University of Portsmouth, UK
136	Mr Ashlay Bachani	B.Tech. (CE) (2011-15)	MBA	Heriot-Watt University, Dubai
137	Mr Tushar Malhotra	B.Tech. (CE) (2011-15)	MBA	Heriot-Watt University, Dubai
138	Mr Kolli Sivakrishna	B.Tech. (MAE) (2012-16)	Integrated Ph.D	Furtwangen University, Germany
139	Mr Rohan Parab	B.Tech. (MAE) (2012-16)	MS	Texas Tech University, USA
140	Mr Vaibhav Mudgal	B.Tech. (MAE) (2012-16)	MBA	Dublin Business School, Dublin
141	Mr Vaibhav Sahdev	B.Tech. (MAE) (2012-16)	MS	Northeastern University, Boston, USA
142	Mr K.Bhaskar Sri Lalith	B.Tech. (ECE) (2012-16)	MSc	University College, Dublin
143	Mr Prudhvi Rayudu Kodali	B.Tech. (MAE) (2012-16)	MS	Northeastern University, Boston, USA
144	Mr Siddhant Tandon	B.Tech. (ECE) (2012-16)	MS	Sapienza University, Rome, Italy
145	Mr Aman Oberoi	B.Tech. (MAE) (2012-16)	MS	Seneca College, Newnham Campus
146	Mr Gaddam Shivaji	B.Tech. (MAE) (2012-16)	MS	University of Western Australia, Australia,
147	Mr Jayant Mangharani	B.Tech. (CE) (2011-15)	MBA	Cardiff University, UK
148	Mr Apoorv Chandana	B.Tech. (CE) (2011-15)	MBA	Cardiff University, UK
149	Mr Shresth Bansal	B.Tech. (CE) (2011-15)	MBA	Cardiff University, UK
150	Mr Vishnu Verma	B.Tech. (CE) (2011-15)	MBA	Fanshawe College, Ontario, London

Aditya Kunwar,
B.Tech ECE (2011-15),
ASET is currently a Graduate
Research Assistant at **Rochester
Institute of Technology (RIT),
USA.** He got direct admission into
the Ph.D. programme in Imaging
Science at RIT, USA with full tuition
fee waiver.

Aditi Chandra,
B.Tech. MAE (2008 – 2012),
ASET did her MS (Nuclear Science and
Engineering) from **Massachusetts Institute
of Technology, Boston USA** and Master of
Management (Business Management) from
London Business School, London UK.
She is currently working as Executive
Director at Kay Bouvet Engineering Ltd.,
Satara Maharashtra India.

Gurubaksh Singh,
B.Tech. MAE (2012-2016),
ASET doing his MSE (Automotive
Systems Engineering) from
**University of Michigan, Dearborn,
USA.**

Anish Ranjan,
B.Tech. MAE (2012-2016),
ASET did his MS (Computer
Science) from **Texas A&M
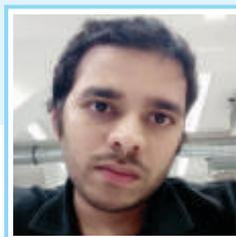University-Kingsville.**

STUDENTS IN HIGHER STUDIES

S. NO.	NAME OF STUDENT	COURSE / BATCH	NAME OF COURSE	NAME OF UNIVERSITY / COUNTRY
151	Mr Akash Bansal	B.Tech. (CE) (2011-15)	MS	Centennial College, Toronto, Canada
152	Ms Anvita	B.Tech (ECE) (2009-13)	MS	George Washington University, USA
153	Mr Tejender Rawat	M.Tech (ECE) (2011-13)	PhD	National Chiao Tung University, Taiwan
154	Mr Ankit Arora	B.Tech. (ECE) (2011-15)	PGPB	MISB Bocconi, Mumbai, India
155	Mr Akash Chahar	B.Tech. (ECE) (2010-14)	MS	University of Wollongong, Australia
156	Mr Dushyant Sankhla	B.Tech (ECE) (2011-15)	MS	New Jersey Institute of Technology, USA
157	Mr. Ayush Gupta	B.Tech (CSE) (2008-12)	MBA	Arizona State University, USA
158	Mr. Hitesh Saluja	B.Tech (CSE) (2008-12)	MS	University of Limerick, Ireland
159	Mr. Sanchit Gullaini	B.Tech (CSE) (2008-12)	MS	Coventry University London Campus International, UK
160	Mr. Nitish Jha	B.Tech (CSE) (2007-11)	MS	VU University, Amsterdam, Netherlands
161	Mr. Vibhav Soni	B.Tech (CSE) (2008-12)	MS	Long Island University, USA
162	Mr. Bhupendra Singh	B.Tech (CSE) (2009-13)	MS	North Eastern University, Boston, USA
163	Ms. Harshita Agrawal	B.Tech (CSE) (2009-13)	MS	North Eastern University, Boston, USA
164	Mr Prayaas Jain	B.Tech (CSE) (2008-12)	MS	University of Southern California, USA
165	Ms Kanika Kapoor	B.Tech (CSE) (2010-14)	MS	University of Texas, Dallas, USA
166	Mr Sagar Solanki	B.Tech (CSE) (2010-14)	MS	University of Illinois, USA
167	Mr Achintya Kumar	B.Tech (CSE) (2010-14)	MS	Washington University, USA
168	Mr Aditya Kundu	B.Tech (CSE) (2008-12)	MS	University of Illinois, USA
169	Mr Naman Ashok	B.Tech (CSE) (2011-15)	MS	SUNY New Paltz, USA
170	Mr Avinash Srivastava	B.Tech (CSE) (2010-14)	MS	University of London, UK
171	Mr Achintya Sen	B.Tech (CSE) (2008-12)	MS	Oklahoma State University, USA
172	Ms Amrita Das	B.Tech (CSE) (2008-12)	MS	North Eastern University, USA
173	Ms Disha Berdi	B.Tech (CSE) (2007-11)	MS	New York University, USA
174	Ms Deepshikha Shikawat	B.Tech (CSE) (2007-11)	MS	University of Texas, USA
175	Mr Abhinav Chaudhary	B.Tech (CSE) (2008-12)	MS	New York University, USA
176	Mr Siddahant Sirohi	B.Tech (CSE) (2011-15)	MS	Washington University, USA
177	Mr Prateek Gupta	B. Tech (IT) (2006-10)	MS	State University of New York (SUNY), Buffalo, USA
178	Mr Hersh Pithwa	B. Tech (IT) (2006-10)	MBA	Memorial University of Newfoundland, Canada
179	Ms Malvika Gupta	B. Tech (IT) (2007-11)	MS	University of Texas, Dallas, USA
180	Ms Arushi Gulati	B. Tech (IT) (2007-11)	MS	Polytechnic Institute of New York University, USA

Gaddam Shivaji,
B. Tech. MAE (2012 – 2016), ASET did his MS from **University of Western Australia, Perth, Australia.**

Kartic Sharma,
B.Tech. MAE (2012 – 2016), ASET is pursuing his Masters in Management from **University of British Columbia, Vancouver Canada.**

Kolli Sivakrishna, B.Tech. MAE (2012 – 2016), ASET is pursuing his MBA from **University of Leeds, UK.**

Mukesh Roy,
M.Tech. MAE (2014 – 2016), ASET is pursuing his Ph.D. from **South Dakota State University, South Dakota USA** where he has been offered a fully funded scholarship. He has also accomplished various Distinction Course Completion Certificates from the MIT-USA, Stanford University, and University of Michigan Medical School, USA etc.

STUDENT INNOVATIONS @ ASET

S. NO.	NAME OF STUDENT	COURSE / BATCH	NAME OF COURSE	NAME OF UNIVERSITY / COUNTRY
181	Mr Pranav Tripathi	B. Tech (IT) (2007-11)	MS	Cardiff Metropolitan University, UK
182	Mr Paramjyot Chadha	B.Tech (E&I) (2009-13)	MBA	Glasgow University, U.K
183	Ms Komal Gupta	B. Tech (IT) (2007-11)	MBA	Regent Business School, South Africa
184	Mr Surbhit Bhatnagar	B.Tech (ECE) (2012-16)	MS	San Jose State University, USA
185	Mr K. Shreekant	B.Tech.(ECE) (2013-17)	MS	Northeastern University, USA
186	Mr Premkumar Raja	B.Tech. (ECE) (2011-15)	MS	Wright State University, USA
187	Ms Nabaruna Guha	B.Tech. (ECE) (2011-15)	MS	Universidad Politécnica de Madrid, Spain
188	Ms Prerna Medhi	B.Tech. (ECE) (2011-15)	MS	Hamburg University of Technology, Germany
189	Mr Anubhav Saxena	B.Tech. (ECE) (2011-15)	MS	California State University, Fullerton, USA
190	Ms Charu Manwani	B.Tech (ECE) (2009-13)	MS	San Jose State University, USA
191	Mr Anal Zia Siddiqui	B.Tech (IT) (2007-11)	MBA	European University, Geneva, Switzerland
192	Mr Harshit P Singh	B.Tech (IT) (2008-12)	MS	New York University, USA
193	Mr Akshay Pruthi	B.Tech (IT) (2009-13)	MS	Syracuse University, USA
194	Mr Krishna Vijaywargiy	B.Tech (IT) (2009-13)	MS	Georgia State University - J. Mack Robinson College of Business, USA
195	Mr Saiyam Midha	B.Tech (IT) (2010-14)	MS	Monash University, Australia
196	Mr Gurpreet Singh Matharu	M.Tech (IT) (2013-15)	Research Program (6 Month Project)	York University, Canada
197	Mr Gurpreet Singh Matta	M.Tech (IT) (2013-15)	MBA	Deakin University, Australia
198	Ms Megha Sharma	M.Tech (IT) (2013-15)	MS	University of Limerick, Ireland
199	Mr Paras Chadha	B.Tech.(IT) (2011-15)	MS	Steven Institute of Technology, USA
200	Mr Prerit Datta	M.Tech (IT) (2014-16)	Ph.D.	Texas Tech University, USA
201	Ms. Karanpreet Kaur	B.Tech. (ECE) (2008-12)	M.Sc.	Royal Holloway, University of London, UK
202	Mr. Kunal Dhabhai	B.Tech. (ECE) (2006-10)	MBA	European Business School, Germany
203	Mr. Nilesh Samanta	B.Tech. (ECE) (2009-13)	M.Sc.	University of Westminster London, UK
204	Mr. Mayankesh Ranjan	B.Tech. (ECE) (2006-10)	MS	Bournemouth University, UK
205	Ms. Sakshi Agrawal	B.Tech. (ECE) (2007-11)	MS	North Eastern University, Boston, USA
206	Mr Nakul Maini	B.Tech (ECE) (2009-13)	MS	University of Bristol, UK
207	Mr K KrishnaKanth Gupta	M.Tech (CN&IS) (2015-17)	Research Program (6 Month Project)	Hochschule Osnabruck University of Applied Sciences, Germany

Ravi Ranjan,
M.Tech. MAE (2012– 2014), ASET is pursuing his Ph.D. (in the area of Green Fuel based Micro Propulsion System Development for Micro Satellite Application) from **National University of Singapore, Singapore.** He has been offered a NUS research scholarship which includes monthly stipend, full tuition fee waiver etc.

Abhimanyu Bhadauria,
B.Tech.+ M.Tech (2012 - 2017), ASET is pursuing his M.Sc. (Computational Science & Engineering) from **ETH Zurich, Switzerland.**


Soham Lahiri,
B.Tech. MAE + M.Tech (AE) (2010-15), ASET did his   M.Sc. (Motorsport engineering (Vehicle Dynamics - majors) from **Oxford Brookes University.** He is currently working at Mean Metal Motors (Electric car start-up).

Pulkit Arun Sidana, B.Tech MAE (2011-15), ASET did his Master's in Industrial Engineering from **Arizona State University, USA.** He is currently working as Industrial Engineer at NXP Semiconductors Austin, Texas.
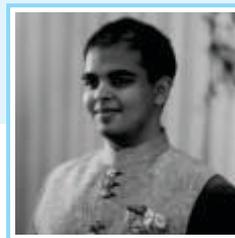
STUDENTS IN HIGHER STUDIES

S. NO.	NAME OF STUDENT	COURSE / BATCH	NAME OF COURSE	NAME OF UNIVERSITY / COUNTRY
208	Mr Rajneesh	M.Tech (CN&IS) (2015-17)	Research Program (6 Month Project)	Hochschule Osnabruck University of Applied Sciences, Germany
209	Mr Yash Anand	B.Tech (IT) (2013-17)	MS	Tokyo Nihongo Centre, Japan
210	Mr Akshath Dhar	B.Tech (IT) (2013-17)	MBA	University of Texas, Dallas, USA
211	Mr Pankit Arora	B.Tech (IT) (2013-17)	MS	University of Texas, Dallas, USA
212	Mr Naveen Agarwal	B.Tech (IT) (2013-17)	MS	University of South Florida
213	Mr Abhimanyu Bajaj	B.Tech (IT) (2012-16)	MS	Pace University, USA
214	Ms Nasreen Amin Talukdar	B.Tech. (IT) (2010-14)	PGBM	Mount Carmel College, Bangalore, India
215	Mr Mannan Trivedi	B.Tech.(IT) (2010-14)	MBA	Welingkar Institute of Management, Mumbai, India
216	Ms Mallika Singh	B.Tech(IT) (2010-14)	MBA	Pace University, USA
217	Ms Vedita Malhotra	B.Tech (IT) (2010-14)	MIS	State University of New York (SUNY), Buffalo, USA
218	Ms Vibha Shahani	B.Tech (IT) (2012-16)	PGD in Data Science	MGADS, Bangalore, India
219	Mr Utkarsh Singh	B.Tech (IT) (2012-16)	MBA	Banaras Hindu University(Faculty of Management Studies), India
220	Mr Aaditya Pancharya	B.Tech (IT) (2008-12)	MS	Singapore Management University, Singapore
221	Mr Gagandeep Singh	B.Tech (IT)(2008-12)	MS	Maryland - Robert H. Smith School of Business , Washington D.C., USA
222	Mr Punit Tripathi	B.Tech (IT) (2008-12)	MBA	University of Essex, Colchester, UK
223	Mr. Aditya Jhunjhunwala	B.Tech (EEE) (2013-17)	MS	IE Business School, Madrid, Spain
224	Ms. Priya Banerjee	B.Tech (EEE) (2012-16)	MS	New Jersey Institute of Technology,USA
225	Mr. V.Bharath	M.Tech (Power System) (2014-16)	PhD	Jamia Millia Islamia, India
226	Mr. Ali Khan	M.Tech (Power System) (2014-16)	PhD	Jamia Millia Islamia, India
227	Mr. Sheikh Suhail	M.Tech (Power System) (2014-16)	PhD	NIT Srinagar, India
228	Ms. Rupam Singh	M.Tech (Control System) (2014-16)	PhD	Delhi Technological University, India
229	Mr. Sumanth Yamujula	M.Tech (Power System) (2013-15)	PhD	MNIT Jaipur, India
230	Ms. Priyanka Kumari	B.Tech (E&I) (2011-14)	PGDM	IMT Nagpur, India
231	Mr. Ashish Verma	B.Tech (E&I) (2009-13)	M.Tech	Punjab Technical University,Chandigarh, India
232	Mr Zaid Zahoor Bhat	B.tech (CE) (2013-17)	MBA	Cardiff University, UK
233	Ms. Akshita Jain	B.Tech. (ECE) (2011-15)	MBA	Saint Mary's University, Nova Scotia, Canada
234	Mr. Udit Narula	M.Tech. (VLSI) (2011-13)	PhD	Chang Gung University, Taiwan
235	Ms. Nikita Kundu	B.Tech. (ECE) (2009-13)	MS	North Eastern University, Boston, USA
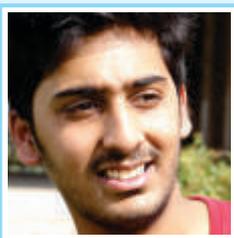
Manne Divyateja,
B. Tech. - MAE (2012-2016), ASET did his Master's degree in Industrial Engineering from **University of Texas, Arlington.**

Varun Gaur,
B.Tech. MAE (2012-2016), ASET did his MS (Energy Systems Engineering) from **Northeastern University USA.** He is presently Energy Efficiency Intern at ICF.

Keshav Padia,
B.Tech. MAE (2012-2016), ASET did his MS (Management and Entrepreneurial leadership) from **Babson College, USA.** He is working in the Aerospace industry in India promoting the Make In India initiative.

Mr. Hitangshu Sarmah,
B.Tech. MAE (2012-2016), ASET, did his Masters from **Berkeley College of Music, Boston, USA.** He has achieved a lot of name and fame in Hollywood Music Industry

STUDENT INNOVATIONS @ ASET

STUDENTS IN HIGHER STUDIES

S. NO.	NAME OF STUDENT	COURSE / BATCH	NAME OF COURSE	NAME OF UNIVERSITY / COUNTRY
236	Mr. Dhruv Sogani	B.Tech. (ECE) (2005-09)	MS	Illinois Institute of Technology, USA
237	Mr. Preetpal Singh	M.Tech. (ECE) (2011-13)	PhD	Chang Gung University, Taiwan
238	Mr Dipesh Kapoor	M.Tech. (ECE) (2012-14)	PhD	Chang Gung University, Taiwan
239	Ms Fizza Beg	B.Tech (CE) (2013-17)	M.Tech	Jamia Millia Islamia, India
240	Mr Shubham Tripathi	B.Tech (CE) (2013-17)	M.Tech	Madan Mohan Malviya Univeristy Gorakhpur, India
241	Mr Tejender Rawat	M.Tech (ECE) (2011-13)	PhD	National Chiao Tung University, Taiwan.
242	Ms Jagriti Raizada	B.Tech. (ECE) (2013-17)	M.Tech	Indira Gandhi Delhi Technical University For Women, Delhi, India
243	Mr Jai Saxena	B.Tech. (ECE) (2011-15)	MBA	University of Delhi, India
244	Mr Rachit Jain	B.Tech. (ECE) (2008-12)	MS	State University New York(SUNY),Buffalo,USA.
245	Ms Ashima Chawla	B.Tech. (ECE) (2009-13)	MS	Athlone Institute of Technology, Ireland
246	Mr Sagar Dhamija	B.Tech. (ECE) (2009-13)	MSc	State University of New York(SUNY), Buffalo ,USA.
247	Ms Nikita Chauhan	M.Tech (ECE) (2013-15)	PhD	Panjab University, Chandigarh, India
248	Ms Radhika Saxena	B.Tech. (ECE) (2013-17)	MS	University of Texas,Arlington,USA.
249	Mr Aijaz Ahmed	M.Tech (ECE) (2011-13)	PhD	NIT Delhi,India.
250	Mr K. Bhanu Prasad	B.Tech. (ECE) (2013-17)	MS	Australia National University, Australia.
251	Ms. Prachita Gupta	B.Tech. (ECE) (2009-13)	MS	Texas tech University, USA
252	Ms. Sarbani Das	B.Tech. (ECE) (2008-12)	MS	Politecnico di Milano, Italy
253	Mr. Karan Khullar	B.Tech. (ECE) (2005-09)	MS	Technische University Darmstadt, Germany
254	Mr. Uday Singh Thakur	B.Tech. (ECE) (2007-11)	MS	Chungyuan Christian University, Taiwan
255	Ms. Gayathri Bandi	B.Tech. (ECE) (2009-13)	MS	Auburn University, USA
256	Mr. Karan Anand	B.Tech. (ECE) (2010-14)	MBA	University of Technology - Sydney, Australia
257	Mr Ashok Bommisetti	B.Tech. (ECE) (2007-11)	MS	Syracuse University, USA
258	Mr. Prateek Gulati	B.Tech. (ECE) (2010-14)	MBA	IMT Dubai, UAE
259	Mr Shashank Choudhary	B.Tech ECE (2010-14)	MBA	MDI Gurgaon, India
260	Mr Vivek Sangwan	M.Tech. VLSI (2011-13)	Ph.D	Chang Gung University, Taiwan
261	Ms Shradha Sharma	B.Tech. (ECE) (2008-12)	MS	New York University, USA
262	Ms. Ayushi Agarwal	B.Tech. (ECE) (2010-14)	MS	Arizona State University, USA
263	Ms. Srishti Dubey	B.Tech. (ECE) (2010-14)	MS	Arizona State University, USA
264	Mr Tushar Jain	B.Tech. (CE) (2011-2015)	M.S	Purdue University, USA
265	Mr. Abhijeet Dasgupta	M.Tech. ECE (2011-13)	PhD	Université de Limoges, France

Rohan Parab,
B.Tech. MAE (2012-2016), ASET, did his MS (Mechanical Engineering) from **Texas Tech University**. He is presently working as Graduate Tutor in Texas Tech University.

Vaibhav Mudgal,
B.Tech. MAE (2012-2016), ASET did his MBA (Project Management) from **Dublin Business School.**

Vaibhav Sachdev,
B.Tech. MAE (2012-2016), ASET did his MS (Energy Systems) from **North Eastern University, Boston, USA.** He is presently working as Treasurer in North Eastern University Sustainable Building Organization.

Gaurav Goel,
B.Tech. - MAE (2012-2016), ASET did his Masters from **University of Kent.** He is working as University Ambassador at University of Kent.

STUDENTS IN HIGHER STUDIES

S. NO.	NAME OF STUDENT	COURSE / BATCH	NAME OF COURSE	NAME OF UNIVERSITY / COUNTRY
266	Mr. Abhijeet K Jaiswal	B.Tech. (ECE) (2006-10)	MS	University of Colorado, USA
267	Mr. Ketan Tyagi	B.Tech. (ECE) (2009-13)	MSc.	University of Reading, UK
268	Mr Sauhard Sharma	B. Tech. MAE (2012-16)	MS	Purdue University, USA
269	Ms AnupriyaTuli	M.Tech (IT) (2014-16)	PhD	IIIT Delhi, India
270	Ms. Carol Abrol	B.Tech. (ECE) (2010-14)	MS	New Jersey Institute of Technology, USA
271	Mr. Brahmachari Mayum	M.Tech. (VLSI) (2013-15)	PhD	National Tsing Hua University, Taiwan
272	Mr. Manish Kumar	M.Tech. (VLSI) (2013-15)	PhD	National Tsing Hua University, Taiwan
273	Mr Sumit	M. Tech (EST) (2011-13)	PhD	IIT Delhi , India.
274	Ms Tanvi Gupta	B. Tech (IT) (2010-14)	MS	Purdue University, USA
275	Mr. Vineet Kumar	B.Tech. (ECE) (2005-09)	MS	Technische University Darmstadt, Germany
276	Mr. Varun Tyagi	B.Tech. (ECE) (2005-09)	MS	Technische University Darmstadt, Germany
277	Mr Lakshay Grover	B. Tech (IT) (2007-11)	MS	Royal Holloway ,University of London, UK
278	Ms. Jyoti Satija	M.Tech. (VLSI) (2013-15)	PhD	National Tsing Hua University, Taiwan
279	Mr Siddharth Gupta	B. Tech (IT) (2010-14)	MS	Purdue University, USA
280	Mr. Nirmaljit Sharma	M.Tech. (VLSI) (2011-13)	M.Tech	National Tsing Hua University, Taiwan
281	Ms. Meghna Sahai	B.Tech. (ECE) (2013-17)	MS	New York University, USA
282	Ms. Zehra Fatima	B.Tech (EEE) (2013-17)	MS	University of Waterloo, Canada
283	Mr. Nitish Sharma	B.Tech (CSE) (2011-15)	MS	Purdue University, USA
284	Ms Disha Chaudhary	B.Tech. (EEE) (2012-16)	PG	University of Auckland, New Zealand
285	Mr. Anirudh Singh	B.Tech. (ECE) (2005-09)	MS	Purdue University, USA
286	Ms. Sakshi Pahalwan	B.Tech. (ECE) (2010-14)	MS	RWTH Aachen, Germany
287	Mr. Rohit Mann	B.Tech. (ECE) (2009-13)	MS	University of Maryland, USA
288	Ms Monika Singh	B.Tech. (ECE) (2009-13)	PGDM	IIM Ranchi, India.
289	Ms Rabani Singh	B.Tech (CSE) (2007-11)	MS	University of Leeds, UK
290	Mr Rohit Dahiya	B.Tech. (CE) (2012-16)	MS	KTH Royal Institute of Technology, Stockholm, Sweden
291	Mr Raoul Lopez	B.Tech (EEE) (2010-14)	MSE	Pennsylvania State University, USA
292	Ms. Anuja Goyal	B.Tech. (ECE) (2005-09)	MS	Purdue University Calumet, USA
293	Ms Surbhi Sharma	B.Tech. (ECE) (2011-15)	MS	Indian Institute of Remote Sensing, ISRO, India
294	Ms Saummya Kaushik	B.Tech (E&I) (2011-15)	M.E	University of Auckland, New Zealand
295	Mr. Pratyush Gupta	B.Tech (CSE) (2008-12)	MS	University of North Carolina, USA

Prudhvi Rayudu Kodali,
B.Tech. MAE (2012-2016),
ASET did his Masters
(Engineering Management)
from **North Eastern University,
Boston, USA.**

B.Tech. MAE (2012-2016),
ASET did his MS from
McGill University, Canada.

Aman Oberoi,
B.Tech. MAE (2012-2016),
ASET did his MS from **Seneca
College Newnham College.**
He is presently CEO of Rama
Electric and Machinery Store.

Zia Siddiqui,
B.Tech IT(2007-11),
ASET did his MBA (International Business)
from **European University, Germany.**
He is working as a Senior IT Analyst at
The Boston Consulting Group (BCG),
Munich, Germany

STUDENT INNOVATIONS @ ASET

STUDENTS IN HIGHER STUDIES

S. NO.	NAME OF STUDENT	COURSE / BATCH	NAME OF COURSE	NAME OF UNIVERSITY / COUNTRY
296	Ms. Anwesha Mal	B.Tech (CSE) (2012-16)	MS	National University of Singapore (NUS), Singapore
297	Mr. Pankaj Gupta	B.Tech (CSE) (2006-10)	MS	Technical University, Munich, Germany
298	Mr. Shubham Hooda	B.Tech (EEE) (2013-17)	MBA	Monash University, Australia
299	Mr. Siddharth Thakur	B.Tech. (ECE) (2009-13)	M.Sc	Faculty of Graduate and Postdoctoral Studies, University of British Columbia, Canada
300	Mr. Aman Mohan	B.Tech. (ECE) (2008-12)	MS	California State University, Sacramento, USA
301	Ms. Karishma Raj	B.Tech (CSE) (2008-12)	MS	IOWA State University, USA
302	Mr. Shaunak Ganguly	B.Tech. (ECE) (2010-14)	M.Sc	RWTH Aachen, Germany
303	Mr. Avula Tarun	B.Tech. (ECE) (2010-14)	MS	Purdue University Calumet, USA
304	Mr. Shubhankar Kapoor	B.Tech. (ECE) (2012-2016)	M.Engg	Australian National University, Canberra, Australia
305	Mr. Akshay Beniwal	B.Tech. (CE) (2011-2015)	MS	University of California, USA
306	Mr. Shrey Magotra	B.Tech (ECE)	MBA	IIM Indore, India
307	Mr. Aditya Kunwar	B.Tech (ECE)	MS	Rochester Institute of Technology (RIT), USA

Ayush Goenka,
B.Tech IT (2007-11), ASET did his MS (Quantitative Finance) from Rutgers, **The State University of New Jersey-Newark, USA.** He is working as a Manager: Ernst & Young FSO Advisory - Wealth & Asset Management, Greater New York City Area

Bharat Singhal
B.Tech Student of IT(2007-11), ASET did his MS (Information Management System) from **Carnegie Mellon University,** San Francisco Bay Area, USA. Currently working as Senior Business Analyst at ZS Associates, USA
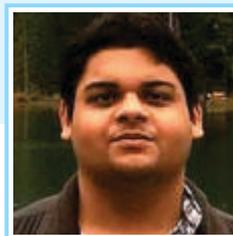
Gaurav Dugar,
B.Tech IT (2009-13), ASET did his MS (Comp Sci.) from **Stony Brook University, USA.** He is working as a Software Engineer at Google Sunnyvale, California.

Dhruv Bhatia,
B.Tech IT (2010-14), ASET did his MS (IT Management), Illinois Institute of Technology, Chicago, USA. He is currently working as a System Engineer at Comtech Telecommunications Corp, Seattle, USA

AMITY SCHOOL OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

STUDENT INVENTORS

Artificial Neural Network Based Emotion & Hand-Gesture Recognition For Paralytic Person

This Artificial Neural Network sound device can be an effective tool for detecting the emotions and can read hand gestures for physically disabled or paralytic person.

An All in One Graphene Technology – Human Computer Interaction Based Device

A device that teaches everything on its own, a device that enhance the interaction between the physical & digital world in more interactive and tech-revolutionized manner.

Stop Stalking Sensor, a device for safety in almost all aspects

The wearable device provide a sensor device for safety for women or any person or vehicle being stalked based on wireless communication having the advanced RFID systems and detection algorithm.

AUTOMATED PARKING SYSTEM

An Innovation by two brilliant Amity Students. The future of automated computation in this era of parking mechanism will be based on new and highly advanced technologies such as micro sensors, voice over mechanism, detection mechanism, timestamp mechanism and server less technology (Google Cloud Platform).

An effective tool for enterprise to evaluate their market. This is a low cost, highly automated & user friendly system that helps the user and the company to easily manage their biggest problem of parking in a much smarter manner.

CALL FOR DRIVER (CFD)

An Innovation by two brilliant Amity Students. To create a low cost highly automated & user friendly system that helps the user and the company to easily manage their biggest problem of finding appropriate drivers in their particular location. CFD (Call For Driver) is an application that solves the problem of hiring trusted drivers according to user's need and usability.

This will also prove to be an effective tool for enterprise to evaluate their market for a better future of safety using high end technology.

RESEARCH TEAM

Harshit Sinha
B.Tech - CSE (2014-18)
Software Developer
Stratbeans Consulting Pvt. Ltd.

Saahil Saxena
B.Tech - CSE
2014-18

PATENTS FROM THIS WORK

- CRN2505 Artificial Neural Network Based Emotion & Hand-Gesture Recognition For Paralytic Person
- CRN1942 An All in One Graphene Technology – Human Computer Interaction Based Device
- CRN2790 Stop Stalking Sensor, a device for safety in almost all aspects
- CRN2740 : An Highly Automated Parking System
- CRN2746 : A Highly Automated Mobile Software for Driver Management

AMITY SCHOOL OF ENGINEERING & TECHNOLOGY

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

INSPIRING STUDENT INNOVATION

MACHINE LEARNING BASED DEVICE FOR DETECTION OF CARDIAC ABNORMALITY

Mohan and Anitek developed a machine learning based portable device for real time diagnosis and classification of cardiac disorders.

The detection is based on finding abnormalities from heart sounds. It is an easy to use diagnostic tool for predicting the heart health condition based on the discriminatory feature analysis using artificial intelligence.

AMITY STUDENTS INNOVATION FOR USAGE IN PRIMARY HEALTHCARE CENTERS OF INDIA, WHERE THERE IS A SHORTAGE OF MEDICAL PROFESSIONALS

RESEARCH TEAM

Mohan Mishra
B.Tech - ECE (2014-18)

Anitek Bhattacharya
B.Tech - ECE (2014-18)

RESEARCH PUBLICATIONS FROM THIS WORK (ALL ARE SCOPUS / WEB OF SCIENCE INDEXED)

- "Classification of normal and abnormal heart sounds for automatic diagnosis," 2017 40th International Conference on Telecommunications and Signal Processing (TSP), **Barcelona,** 2017, pp. 753-757. DOI: 10.1109/TSP.2017.8076089, IEEE Xplore, Digital Library.
- "Machine learning based portable device for detection of cardiac abnormality," 2017 IEEE International Conference on Emerging Trends in Computing and Communication Technologies 2017, pp.1-4. DOI: 10.1109/ICETCCT.2017.8280307, IEEE Xplore Digital Library.
- "Automatic screening of cardiac disorders using wavelet analysis of heart sound," 2017 4th IEEE Uttar Pradesh Section International Conference on Electrical, Computer and Electronics (UPCON), 2017, pp. 472-476. DOI: 10.1109/UPCON.2017.8251094, IEEE Xplore, Digital Library.

AMITY SCHOOL OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING

INSPIRING STUDENT INNOVATION

POTABLE WATER HARVESTING AND CLEANING FROM WASTAGE OF RO SYSTEM

An innovation by Amity students for producing drinkable water from the waste water of household RO purifiers. The device uses dropwise condensation of water vapor present in moist air for harvesting potable water.
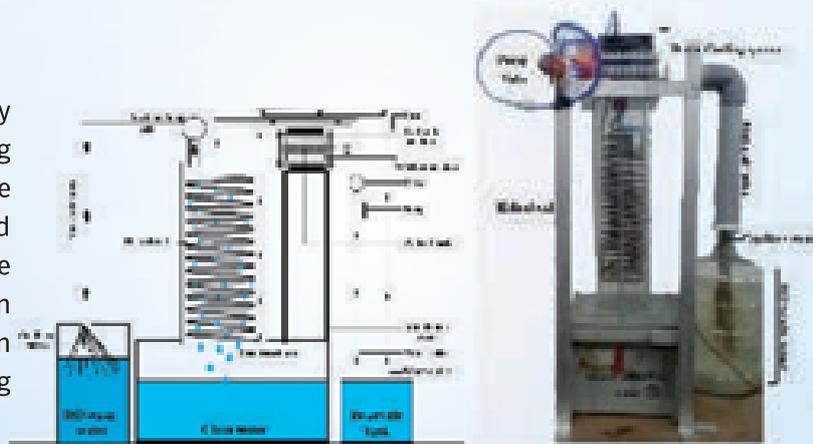
THIS INNOVATION IS PRAGMATIC AND SCALABLE FOR SOLVING THE WATER SCARCITY PROBLEM WORLDWIDE AND PROVIDING DRINKABLE WATER TO 76 MILLION INDIANS WHO LACK ACCESS TO SAFE DRINKING WATER

RESEARCH TEAM

Ms. Vishakha Baghel
B.Tech - ME (2011-16)
Current position - Research fellow in a DST funded project.

Ms. Richu Goyal
B.Tech - ME (2014-18)

Mr. Naveen Kumar
B.Tech - ME (2015-19)

Mr. Pulkit Kashyap
B.Tech - ME (2015-19)

Mr. Nori Naga Sai Anirudhu
B.Tech - ME (2014-18)

RESEARCH PUBLICATIONS FROM THIS WORK (ALL ARE SCOPUS / WEB OF SCIENCE INDEXED)

- V. Baghel and Sikarwar, B.S., "Modeling of moist air condensation in form of drop underneath inclined hydrophobic permeable surface," in 16th International Heat Transfer Conference , IHTC-16, **Bejing, China,** 2018.

- Baghel and Sikarwar, B.S., "Dropwise Condensation of Water Vapor Existing in Moist Air" in 24th National and 2nd International ISHMT-ASTFE Heat and Mass Transfer Conference (IHMTC-2017), BITS-Pilani, Hyderabad, India, 2017.

- Baghel Sharma, D. K. Sikarwar, B. S. Kumar, R. and Avasthi D.K., "Tailoring the Hydrophobicity of Copper Surface with Ion Beam Irradiation," Radiation Effects and Defects in Solids, 2018.

AMITY SCHOOL OF ENGINEERING & TECHNOLOGY

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

INSPIRING STUDENT INNOVATION

COMPUTER AIDED AUTOMATIC DIAGNOSTIC TOOL FOR DETECTION OF GLAUCOMA

The team of Amity Students developed an automatic image processing system that can be an effective diagnostic tool to detect GLAUCOMA (that leads to blindness). The detection is based on finding objects, such as OPTIC DISC and OPTIC CUP, NEURO_RETINAL RIM and the grading is based on the basis of CUP-TO-DISC and RIM-TO-DISC ratio.

The system works in real time situations and will be of great help in primary health care centres.

- -
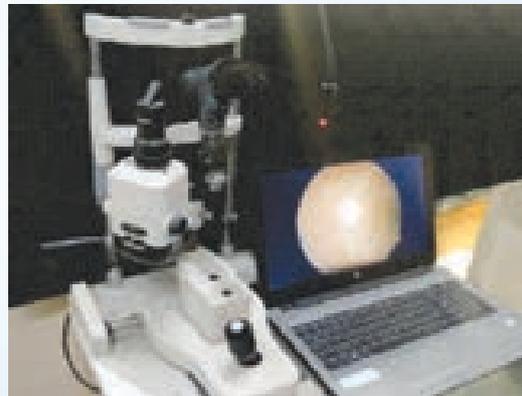
AN INNOVATION BY STUDENTS OF AMITY THAT WILL HELP TIMELY DIAGNOSIS OF THIS EYE DISEASE AND PREVENT LOSS OF VISION THAT MAY LEAD TO PERMANENT BLINDNESS.

RESEARCH TEAM

Ayushi Agarwal
B.Tech - ECE (2011-15)
Current Position: MS student in Arizona State University, USA

Somal Chaudhary
B.Tech - ECE (2011-15)
Current Position: MS student & Graduate Teaching Assistant, North Carolina State University, USA

Shradha Gulia
B.Tech - ECE (2011-15)
Current Position: MS student in University of Waterloo, Canada

RESEARCH PUBLICATIONS FROM THIS WORK

- Ayushi Agarwal, Shradha Gulia, Somal Chaudhary, Malay Kishore Dutta, Radim Burget and Kamil Riha "Automatic Glaucoma Detection using Adaptive Threshold based Technique in Fundus Image" 38th IEEE International Conference on Telecommunications and Signal Processing, **Prague, Europe,** pp. 416-420, **IEEE Xplore Digital Library.**

- Ayushi Agarwal, Shradha Gulia, Somal Chaudhary, Malay Kishore Dutta, Carlos M. Travieso & Jesús B. Alonso Hernández" A Novel Approach to Detect Glaucoma in Retinal Fundus Images using Cup-Disk and Rim-Disk Ratio" 4th IEEE International Conference and Workshop on Bioinspired Intelligence (IWOBI 2015) **San Sebastián, SPAIN,** 2015, pp. 139-144, **IEEE Xplore Digital Library.**

AMITY SCHOOL OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING

INSPIRING STUDENT INNOVATION

AN INNOVATIVE STORAGE SYSTEM FOR STORING SOLAR ENERGY

A team of Mechanical Engineering students has designed and fabricated thermal energy storage systems by using Latent Heat of Phase Change Materials (PCM) such as Paraffin Wax. Since the thermal conductivity of Paraffin Wax is low. Thus, Carbon and Zinc Nano-additives are used to enhance its thermal conductivity.
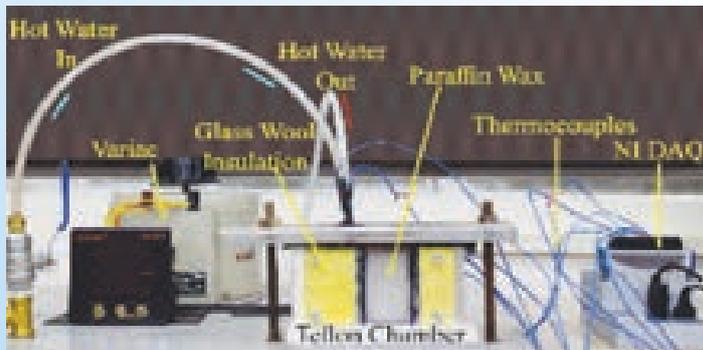
ENERGY STORAGE SYSTEM FOR STORING SOLAR ENERGY TO REDUCE DEPENDENCE ON FOSSIL FUELS FOR A CLEAN AND SUSTAINABLE FUTURE

RESEARCH TEAM

Anjali Chopra
B.Tech - ME (2012-2016)
Current Position: Research Associate, Amity Centre for CFD

Ayaan Ahmad Khan
B.Tech - ME (2012-16)
Current Position: MS Student TU Darmstadt, Germany

PATENTS AND PUBLICATIONS (ALL ARE SCOPUS / WEB OF SCIENCE INDEXED)

- TiNOX Based Passive Heating Water Tank, Patent Application No. 201711032733, 2017.
- A Khan, A Chopra, B S Sikarwar, D K Avasthi, Y Mishra and R Adelung, "Tailoring the Thermal Conductivity of Paraffin Wax using ZNO and CNT as Nano-Fillers", Vaccum -Journal, Publisher: **Elsevier** 2018.
- B S Sikarwar, A Chopra, M Bhandwal, M Kumar and D K Avasthi , "Tailoring the Thermal Conductivity of Paraffin Wax by Nano-fillers for Thermal Storage Applications", 24th National and 2nd International ISHMT-ASTFE Heat and Mass Transfer Conference IHMTC, 2017.

AMITY SCHOOL OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF MECHANICAL ENGINEERING

INSPIRING STUDENT INNOVATION

ECO-FRIENDLY INNOVATIVE ROOM AIR CONDITIONER

In this research, Amity students designed and fabricated a simple, effective and low cost room air conditioner. This innovative device is very suitable for hot and humid climate condition. The project was funded by the Govt. of India (MSME). It works on the principle of passive cooling where heat from the hot air to environment is transferred through Phase Change Material (PCM), pulsating heat pipes and spray cooling.
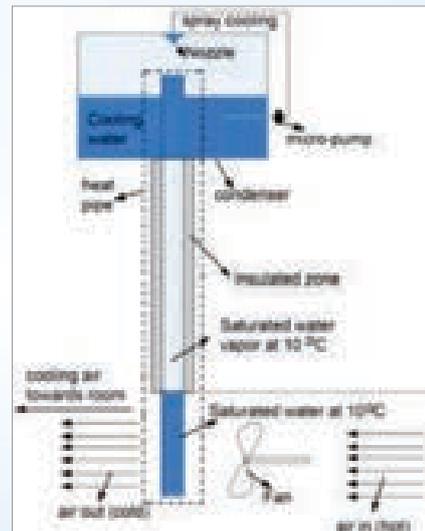
AMITY STUDENTS INVOLVED IN CREATION OF ECO-FRIENDLY ROOM COOLING DEVICE FOR RURAL INDIA WHERE THERE IS SHORTAGE OF POWER

RESEARCH TEAM
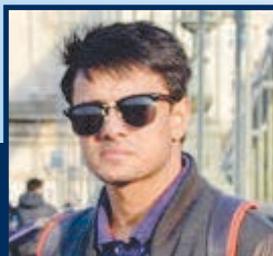
Nikit Gupta
B.Tech - ME (2013-17)
Current Position - Engineer Mahindra & Mahindra

Anshul Bhardwaj
B.Tech - ME (2013-2017)
Current Position - Researcher Amity Centre for CFD

Ayaan Ahmad Khan
B.Tech - ME (2012-16)
Currently MS - Material Science, TU Darmstadt, Germany

PATENTS AND PUBLICATIONS (All are Scopus / Web of Science Indexed)

- Innovative Air Conditioner with PCM, Patent Application No. 201711018358, 2017.
- M Jain, M Bhandwal and B S Sikarwar, "Parametric Analysis of Axial Heat Conduction in Micro-Reactor". Future Learning Aspects of Mechanical Engineering 2018, Publisher: Springer Verlag.

AMITY SCHOOL OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF MECHANICAL ENGINEERING

INSPIRING STUDENT INNOVATION

MICRO-FLUIDICS DEVICE FOR RAPID BIODIAGNOSTICS – SCREENING OF DISEASES FROM PHYSICAL PROPERTIES OF BLOOD

Students of Mechanical Engineering designed and developed a device for screening the disease on the basis of physical properties of blood. The aim of this research is to design and build a bio diagnostic device for screening diseases using physical properties of blood.

The proposed innovation is an accurate, low-cost and user-friendly diagnostic tool that can work in real time situations. This innovative device will find applications in primary healthcare centers.
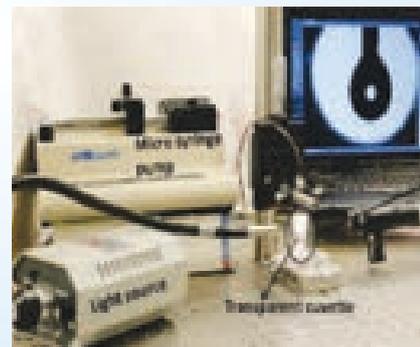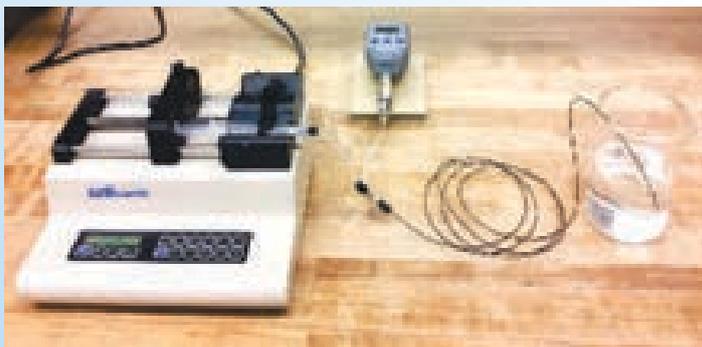
THIS DEVICE CAN DIAGNOSE MANY DISEASES SUCH AS ANAEMIA, HYPERLIPIDAEMIA, TUBERCULOSIS, BLOOD CANCER, LEUKAEMIA, MALARIA AND DENGUE

RESEARCH TEAM

Mukesh Roy
M.Tech.- Mechatronics (2014-16)
Current Position - Doctoral Fellow
South Dakota State University, USA

Siddharth Yadav
Current Position - Research Scholar
(2017-2021)

RESEARCH PUBLICATIONS FROM THIS WORK (ALL ARE SCOPUS/WEB OF SCIENCE INDEXED)

- Sikarwar, B. S., Roy, M., Ranjan, P., & Goyal, A. (2016). Automatic disease screening method using image processing for dried blood microfluidic drop stain pattern recognition. Journal of Medical Engineering & Technology, 40(5), 245-254.
- Sikarwar, Basant S., Mukesh Roy, Priya Ranjan, and Ayush Goyal. "Automatic pattern recognition for detection of disease from blood drop stain obtained with microfluidic device." In Advances in Signal Processing and Intelligent Recognition Systems, pp. 655-667. **Springer,** Cham, 2016.
- Goyal, Ayush, Mukesh Roy, Prabhat Gupta, Malay Kishore Dutta, and Sarman Singh. "Automatic detection of mycobacterium tuberculosis in stained sputum and urine smear images." Archives of Clinical Microbiology 6, no. 3 (2015).

AMITY SCHOOL OF ENGINEERING & TECHNOLOGY

DEPT. OF ELECTRICAL AND ELECTRONICS ENGINEERING

INSPIRING STUDENT INNOVATION

DRIVER SOBERNESS SYSTEM FOR ROAD VEHICLES

The basic idea behind this research is to prevent person under influence of alcohol to start and drive any road vehicle. The system takes power from the vehicles, existing battery and is switched on as the key of the vehicle is set to on position. The system then waits for a sample of breath as an input and then analyzes it for the traces of alcohol.
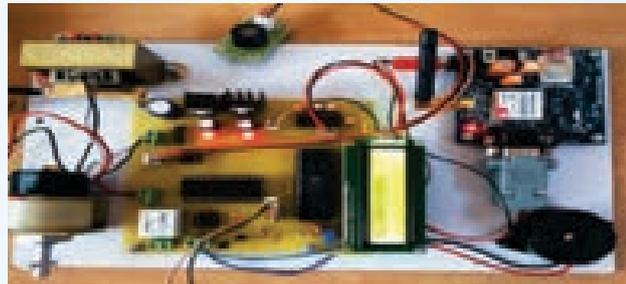
If any traces of alcohol or over speed/rash driving are monitored; the device is kept off ignition of the vehicle immediately, and glow LED signals with buzzer sound to warn the driver promptly.

AN INNOVATIVE SYSTEM DESIGNED BY AMITY STUDENTS TO ENHANCE ROAD SAFETY BY PREVENTING RASH DRIVING UNDER THE INFLUENCE OF ALCOHOL

RESEARCH TEAM

Sanket Jhunjhunwala
B.Tech - EEE (2014-18)
Current Position: Associate Manager, InterraIT, Noida, India

Harshit Gahlaut
B.Tech - EEE (2014-18)
Current Position: Lead Manager, British Telecom Gurugram, India

Harish Rajan Singh
B.Tech - EEE (2014-18)
Current Position: Project Manager, British Telecom, Gurugram, India

Ripu Daman
B.Tech - EEE (2014-18)
Civil Services Aspirants

RESEARCH PUBLICATION FROM THIS WORK

• Sanket Jhunjhunwala, Harshit Gahlot, Harish Rajan Singh, Ripu Daman & Kamlesh Pandey, "Driver Soberness System for Road Vehicle", International Conference on Computer, Communication and Electronics (Comptelix -2017). **(Scopus Indexed)**

AMITY SCHOOL OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF INFORMATION TECHNOLOGY

STUDENT INVENTOR

UNCONVENTIONAL DEVICES FOR VISUALLY AND PHYSICALLY CHALLENGED PEOPLE

A walking system for visually impaired was developed by sending real time feed of the obstruction around the user in different directions, along with the ability to increase or decrease the scanning area.

A robotic arm developed by the student uses the brainwave signals for controlling it. This is beneficial for physically impaired people.

Tech Eye for visually impaired

A mind controlled Robotic Arm with Bluetooth and Internet

THIS RESEARCH WORK MAY BENEFIT IN A DAY TO DAY LIFE OF A PHYSICALLY CHALLENGED PERSON.

INVENTOR

Rashbir Singh
B.Tech - IT, 2015-19

PATENTS AND AWARDS FROM THIS WORK
- Patent filed "A Device for Visually impaired using Internet of Things" CRN -2672 Dated 31st Jan 2018.
- Won Cash Prize of Rs.7,000 at India Electronics & Semiconductor Organization's Technetronic.
- Won Cash prize of Rs. 8,000 at Present Around The World by Institute of Engineering and Technology 2017.
- Best Paper Presentation at World Research Forum for Engineers and Researchers 2017.

AMITY SCHOOL OF ENGINEERING & TECHNOLOGY

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

INTERNATIONALIZATION EFFORTS:
COLLABORATIVE RESEARCH WORK WITH EUROPEAN SCIENTISTS

B.Tech – ECE Students Research Work Presented in a European Conference in Barcelona, Spain

40th Anniversary of International Conference on Telecommunications and Signal Processing — July 5-7, 2017, Barcelona, Spain — **TSP**

TSP 2017 was organized by seventeen universities from Czech Republic, Hungary, Turkey, Taiwan, Japan, Slovak Republic, Spain, Bulgaria, France, Slovenia, Croatia and Poland

Students from B.Tech ECE, ASET worked on research problems in collaboration with Scientists from BRNO University of Technology, Czech Republic, European Union and their work were presented in 40th International Conference on Telecommunications and Signal Processing (TSP), Barcelona in July 2017.

Paper Presented:

1. Mohan Mishra, Anushikha Singh, Malay Kishore Dutta, Radim Burget, "Classification of Normal and Abnormal Heart Sounds for Automatic Diagnosis" 40th IEEE International Conference on Telecommunications and Signal Processing, Barcelona, Spain, 5-7 July, 2017, DOI: 10.1109/TSP.2017.8076089.

2. Ashi Agarwal, Ashish Issac, Malay Kishore Dutta, Kamil Riha,, "Automated Skin Lesion Segmentation using K-means Clustering from Digital Dermoscopic Images" - 40th IEEE International Conference on Telecommunications and Signal Processing, Barcelona, Spain 5-7 July, 2017, DOI: 10.1109/TSP.2017.8076087.

STUDENTS ARE ENCOURAGED TO DO TRANSDISCIPLINARY RESEARCH TO TRANSFORM THE FUTURE IN COLLABORATION WITH FOREIGN SCIENTISTS

Mohan Mishra
B.Tech - ECE
2014-2018 Batch, ASET
Amity University

Ashi Agarwal
B.Tech - ECE
2013-2017 Batch, ASET
Amity University

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Czech Republic
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Deptt. of Telecommunications,
Brno University of Technology,
Czech Republic
(Foreign Co-Author in the paper)

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AMITY SCHOOL OF ENGINEERING & TECHNOLOGY

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

INTERNATIONALIZATION EFFORTS:
COLLABORATIVE RESEARCH WORK WITH EUROPEAN SCIENTISTS

B.Tech – ECE students Research Work Presented in a European Conference in Portugal

5th IEEE International Work Conference on Bioinspired Intelligence (IWOBI 2017), Portugal, European Union

Students of B.Tech ECE, ASET worked in research problems in collaboration with Scientists from University of Las Palmas de Gran Canaria, Spain and their work were presented in 5th IEEE International Work Conference on, Bioinspired Intelligence, Portugal, European Union held in July 2017.

Papers Presented:

1. Pulkit Pandey, Anupama Bhan, Malay Kishore Dutta, Carlos M. Travieso, "Automatic Image Processing Based Dental Image Analysis Using Automatic Gaussian Fitting Energy and Level Sets" 5th IEEE International Work Conference on Bioinspired Intelligence (IWOBI 2017), Portugal, European Union, 10-12 July, 2017, DOI: 10.1109/IWOBI.2017.7985529.

2. Ravitej Singh Rekhi, Ashish Issac, Malay Kishore Dutta, Carlos M. Travieso, "Automated classification of exudates from digital fundus images" 5th IEEE International Work Conference on Bioinspired Intelligence (IWOBI 2017), Portugal, European Union, 10-12 July, 2017, DOI: 10.1109/IWOBI.2017.7985527.

3. Varun Gupta, Namita Sengar, Malay Kishore Dutta, Carlos M. Travieso, Jesús B. Alonso, "Automated Segmentation of Powdery Mildew disease from Cherry Leaves using Image Processing" 5th IEEE International Work Conference on Bioinspired Intelligence (IWOBI 2017), Portugal, European Union, 10-12 July, 2017, DOI: 10.1109/IWOBI. 2017.8006454.

STUDENTS ARE ENCOURAGED TO DO TRANSDISCIPLINARY RESEARCH TO TRANSFORM THE FUTURE IN COLLABORATION WITH FOREIGN SCIENTISTS.

Varun Gupta
B.Tech - ECE
2016-2020 Batch, ASET
Amity University.

Ravi Tej Singh Rekhi
B.Tech - ECE
2013-2017 Batch, ASET
Amity University

Pulkit Pandey
B.Tech - ECE
2014-2018 Batch, ASET
Amity University

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University of Las Palmas
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(Foreign Co-Author in the paper)

Jesús B. Alonso
University of Las Palmas
de Gran Canaria, Spain
(Foreign Co-Author in the paper)

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AMITY SCHOOL OF ENGINEERING & TECHNOLOGY

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

INSPIRING STUDENT INNOVATION

AUTOMATIC COMPUTER AIDED DETECTION OF MACULAR EDEMA

- The student team proposed a computerized method of processing the eye images in the database, extracting texture features in both spatial domain and wavelet domain from sub-regions with a specified radius around the macula.

- Unlike other well-known approaches of machine learning classifiers, they have proposed a hierarchal method that is computationally efficient in comparison and grades the disease into 3 stages based on severity.
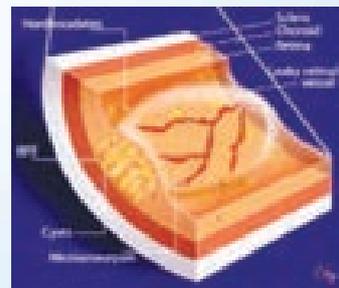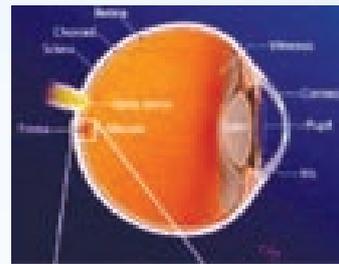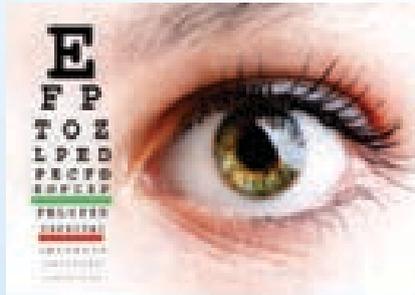
A STUDENT INNOVATION THAT WILL HELP COMPUTER AIDED DIAGNOSIS FOR PREVENTION OF THIS DISEASE THAT MAY LEAD TO BLINDNESS

RESEARCH TEAM

Aditya Kunwar
B.Tech - ECE - (2011-15)
Current Position: A Ph.D Scholar (Imaging Science)
Rochester Institute of Technology (RIT), USA
(Direct Admission to Ph.D from B.Tech-ECE)

Shrey Magotra
B.Tech - ECE (2011-15)
Current Position:
Pursuing MBA from
IIM Kozhikode

RESEARCH PUBLICATIONS FROM THIS WORK (ALL ARE SCOPUS / WEB OF SCIENCE INDEXED)

- Shrey Magotra, Aditya Kunwar, Namita Sengar, Partha Mangipudi, M.K. Dutta, " Hierarchical Classification and Grading of Diabetic Macular Edema using Texture Features" IEEE International Conference on Image Information Processing 2015, pp-185-189, Published in **IEEE Xplore Digital Library.**

- Aditya Kunwar ; Shrey Magotra ; M Partha Sarathi, "Detection of high-risk macular edema using texture features and classification using SVM classifier" International Conference on Advances in Computing, Communications and Informatics , 2015, pp - Pages: 2285 - 2289, Published in **IEEE Xplore Digital Library**.

AMITY SCHOOL OF ENGINEERING & TECHNOLOGY

DEPT. OF COMPUTER SCIENCE AND ENGINEERING

INSPIRING STUDENT INNOVATION

AUTOMATIC DETECTION OF EYE DISEASES FROM DIGITAL FUNDUS IMAGE: EXUDATES IDENTIFICATION AND RETINAL VESSEL TRACKING AND BEND POINT DETECTION

The team of Amity Students worked in computer aided diagnosis of Eye Diseases in the following research problems:

- Glaucoma diagnosis from fundus images using novel blood vessel tracking and bend point detection

- Automatic detection of exudates based on localized properties of retinal fundus images

THIS RESEARCH WORK IS AIMED FOR USAGE IN PRIMARY HEALTH CARE CENTERS IN RURAL AREAS WHERE THERE IS A SHORTAGE OF PROFESSIONAL EYE DOCTORS.

RESEARCH TEAM

Katha Chanda
B.Tech - CSE (2012-16)
Completed M.S from Georgia Institute
of Technology, Atlanta, USA.
*Current Position: Software Developer,
Machine Learning Group. Microsoft Corp*

Soorya M.
B.Tech - CSE (2013-17)
*Current Position: Project Engineer
Sharperwiz Ventures, Chennai*

RESEARCH PUBLICATIONS FROM THIS WORK (ALL ARE SCOPUS / WEB OF SCIENCE INDEXED)

- An automated and robust image processing algorithm for glaucoma diagnosis from fundus images using novel blood vessel tracking and bend point detection" – International Journal of Medical Informatics, **Elsevier** Publishers, **Thomson Reuter** Impact Factor - 3.2

- Automated Localization of Optic Nerve Head in a Fundus Image using Computer Vision Technique" 2017 International Conference on Emerging Trends in Computing and Communication Technologies, 17-18 November, 2017, DOI: 10.1109/ ICETCCT. 2017.8280305

- An adaptive algorithm for automatic detection of exudates based on localized properties of retinal fundus images" - International Journal of E-Health and Medical Communications, **IGI Global** Publishers, USA, Accepted for publication.

INSPIRING STUDENT INNOVATION

AUTOMATIC COMPUTER VISION BASED FRESHNESS ESTIMATION AND TOXIC SUBSTANCE IDENTIFICATION FROM FISH

An Image processing based method to assess fish quality and freshness was developed by this team of Amity students.

The students have utilized Image Processing Based Technique for Classification of Fish Quality after Cypermetherine Exposure which is harmful for consumption.
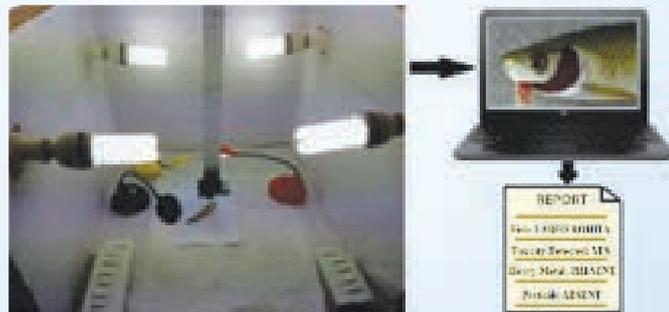
THIS DIAGNOSTIC TOOL IS AIMED FOR THE QUALITY CONTROL OF FISH PRODUCTS THAT IS A NON-DESTRUCTIVE METHOD AND WILL WORK IN REAL TIME.

RESEARCH TEAM

Navroj Minhas
B.Tech - ECE (2011-15)
Current Position: MS Student in University of Pittsburgh, USA

Namita Sengar
M.Tech - ECE (2012-14)
Current Position: Ph.D Student , National Tsing Hua University, Taiwan

RESEARCH PUBLICATIONS FROM THIS WORK

- "Image Processing Based Technique for Classification of Fish Quality after Cypermetherine Exposure" LWT Food Science and Technology, **Elsevier** Publishers, Vol. 68, pp. 408-417, 2016. **Thomson Reuter** Impact Factor - 2.329.

- "An Image processing based method to assess fish quality and freshness" Journal of Food Engineering, **Elsevier** Publishers-2016, Vol. 177, pp. 50-58, **Thomson Reuter** Impact Factor –3.099.

- Computer Vision Based Technique for Identification of Fish Quality after Pesticide Exposure" International Journal of Food Properties, **Taylor and Francis** Publishers, Vol. 20, 2017 - Issue sup2 - pp. 2192-2206, **Thomson Reuter** Impact Factor - 1.427.

ASET STUDENT ACHIEVEMENT & RECOGNITION

TEEP@INDIA-TAIWAN – ASET STUDENT RESEARCH VISIT TO TAIWAN

Mr. Joyjit Chatterjee, Student, B.Tech (ECE), Batch (2014-18) and **Mr. Vajja Mukesh** Student, B.Tech (ECE), Batch (2014-18) of Amity School of Engineering and Technology were selected for TEEP@India - Taiwan Experience Education Program in January 2018 for 3 months. During the research internship program at Tamkang University, Taiwan they worked on a Research Project titled "Robust Techniques for Speech Emotion Recognition Using Cross-Correlation and Feature Extraction". They have received a Scholarship of 430 USD per month for this research visit in Taiwan.

B.TECH STUDENT DIRECT ADMISSION TO PH.D AT ROCHESTER INSTITUTE OF TECHNOLOGY, USA

Mr. Aditya Kunwar has done his B.Tech (ECE), Batch (2011-15) from Amity School of Engineering and Technology. He worked on a computer vision problem dealing with detection and grading of Diabetic Macular Edema from ophthalmic images. His research findings were presented and published in two International conferences of repute. Based on his excellent research acumen, he got a Direct Ph.D Admission offer (with Scholarship) after his B.Tech Program. Currently he is a Ph.D Scholar in Imaging Science and working as a Graduate Research Assistant at Rochester Institute of Technology (RIT), USA.

AMITY SCHOOL OF ENGINEERING & TECHNOLOGY
DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

INSPIRING STUDENT INNOVATION

AUTOMATED SYSTEM FOR PREDICTING LUNG DISORDERS USING MACHINE LEARNING

The system uses statistical signal processing of lung auscultations for predicting disorders in real-time. During their time as B.Tech students, they have worked on a variety of projects in the area of Audio Signal Processing, Machine Learning and Computer Vision, and all these projects have humanitarian applications.

Joyjit a research team member, has also published 2 papers with Prof. Sven Hendrik Voss from Germany and Prof. Hui-Huang Hsu from Taiwan who were the invited speakers in SPIN and he went to Tamkang University, Taiwan for pursuing Research Internship under Prof. Hsu, receiving a scholarship of 430 USD per month for 3 months. He has received a Direct Ph.D. Offer with full scholarship from the University of Hull, UK and would be working with Siemens Gamesa Renewable Energy Ltd. on a project relating to autonomous operation and maintenance of offshore wind farms.

RESEARCH TEAM

Joyjit Chatterjee
B.Tech - ECE (2014-18)
Current Position: A Ph.D Scholar (Computer Science) University of Hull and Siemens Gamesa Renewable Energy, UK (Direct Admission to Ph.D from B.Tech-ECE)

Ayush Saxena
B.Tech - ECE (2014-18)
Current Position: Graduate Engineer Trainee Cohesive Technologies Ltd.

RESEARCH PUBLICATIONS FROM THIS WORK (ALL ARE SCOPUS / WEB OF SCIENCE INDEXED)

- Joyjit Chatterjee, Ayush Saxena, Anu Mehra, Garima Vyas, "Verification and Debugging of LC-3 Test Bench Environment using System Verilog", ICECA, March 2018, IEEE Xplore, USA (ISBN:978-1-5386-0965-1)
- Joyjit Chatterjee, Ayush Saxena, Garima Vyas, Anu Mehra, "A Computer Vision Approach for Detection of Parkinson Disease using Brain CT Images", ICCMC, February 2018, IEEE Xplore, USA (ISBN: 978-1-5386-3452-3).
- Joyjit Chatterjee, Ayush Saxena, Garima Vyas, Anu Mehra "An Efficient Real-Time Approach For Detection of Parkinson's Disease", ISDA (Organized by Machine Intelligence Research Labs, USA and Published in Springer Proceedings on Advances in Intelligent Systems and Computing", December 2017.
- Joyjit Chatterjee, "Modelling of a GaAs based Infrared LED with high efficiency and minimal computation time", ICEI, May 2017, IEEE Xplore, USA(ISBN 978-1-5090-4256-2).
- Joyjit Chatterjee, Ayush Saxena, Garima Vyas, and Hui-Huang Hsu, "A Novel Approach towards identification of in-flight situation based on Air Traffic Control Conversations", SPIN, February 2017, IEEE Xplore, USA.

- Joyjit Chatterjee, Ayush Saxena, Garima Vyas, "An automatic and robust system for identification of problematic call centre conversations", ICMETE, September 2016, IEEE Xplore, USA (ISBN 978-1-5090-3411-6).
- Palac Chaabra, Garima Vyas, Joyjit Chatterjee and Sven Hendrik Voss, "An Automatic system for recognition and assessment of anger using Adaptive Boost", ICMETE, September 2016, IEEE Xplore, USA(ISBN 978-1-5090-3411-6).

PATENTS

- Joyjit Chatterjee, Anita Thakur, "An intelligent emergency trigger bracelet for alcohol and drug induced people" (Complete Specifications Filed in January 2018, Application Number: 201811002051)
- Joyjit Chatterjee, "User friendly HelPen for assisting visually challenged" (Complete Specifications Filed in March 2017, Application Number: 201711011221)

INSPIRING STUDENT INNOVATION

MIMO ANTENNA DESIGN FOR WLAN AND HIPERLAN APPLICATIONS

A compact four-element multi-input-multi-output (MIMO) antenna useful for wireless ultra-wide band (UWB) applications and systems is designed. The substrate material used is FR4 with dielectric coefficient of 4.4. The dimension of the substrate is $30\times60\times1.5$ mm^3 and the dielectric loss tangent is 0.02. The Envelope Correlation Coefficient (ECC) and Diversity gain are calculated with values within their acceptable limits.
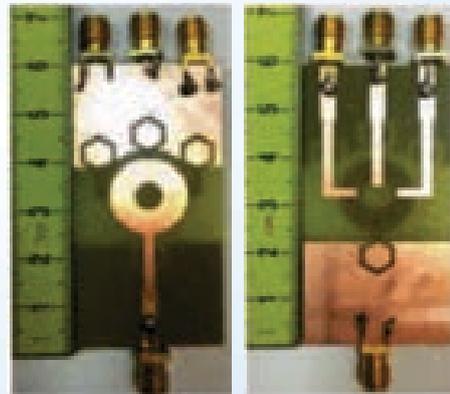
MIMO ANTENNA PROTOTYPE SUITABLE FOR SMALL MOBILE SYSTEMS

RESEARCH SCHOLAR

Vipin Choudhary
M.Tech - ECE - (2014-16)
Current Position: A Ph.D. Scholar in School of Electrical Engineering and Computer Science, KTH Royal Institute of Technology, Stockholm, Sweden.

RESEARCH PUBLICATIONS FROM THIS WORK (ALL ARE SCOPUS / WEB OF SCIENCE INDEXED)

- Aastha Gupta, Vipin Choudhary, Malay Ranjan Tripathy and Daniel Ronnow, "A compact four- element MIMO antenna for WLAN/WiMAX and HiperLAN Applications", INDICON 2016, 16-18 December 2016, IISC, Bangalore, India.

- Aastha Gupta, Vipin Choudhary and Malay Ranjan Tripathy, "A Compact Wideband Staircase-shaped Four-element MIMO Antenna for WLAN, L-band and S-band Applications", URSI-RCRS 2017, March 1-4, 2017, Tirupati, India.

- Vipin Choudhary, Aastha Gupta, Malay Ranjan Tripathy and Daniel Ronnow, "A compact multi band slotted circular patch MIMO antenna with defective ground surface for Wireless Application", SPIN 2017, February 2-3, 2017, Delhi, India.

INSPIRING STUDENT ENTREPRENEURS

SURVEILLANCE AND SECURITY VIA DRONES

Established in 2014, Funaster Pvt. Ltd. is a system integrator and supplier of drones in India. Funaster is a key supplier of drones in Uttar Pradesh in India. Company has been developing and evolving in this emerging market and looks forward to be a major UAV supplier for Indian Armed forces.

STUDENT ENTREPRENEUR

Anam Agarwal
B.Tech-ECE (2009-13)
Co-Founder, Funaster Pvt. Ltd.
(http://www.funaster.com/)

LOC INTRUSION DETECTION SYSTEM

CRON Systems is a disruptive startup within the multi-billion Dollar border defense space, developing state-of-art Intrusion Detection Systems that implement the latest technologies and designs at a fraction of the costs of other leading products in that space. The KV series powered by Infrared and Laser offering all terrain, all weather breach notification, has already been implemented at the Indo-Pak border.

STUDENT ENTREPRENEUR

Tushar Chhabra
B.Tech-ECE (2012-16)
Co-Founder and CEO CRON Systems
(http://cronsystems.com)

AMITY SCHOOL OF ENGINEERING & TECHNOLOGY

DEPT. OF ELECTRICAL AND ELECTRONICS ENGINEERING

INSPIRING STUDENT INNOVATION

DESIGN OF HAND GLOVE FOR WIRELESS GESTURE CONTROL OF ROBOT

An innovative wireless control of wheel based robot by hand gestures has been designed and developed using accelerometer, flex sensors & metal contacts between glove's fingers. The glove designed to sense four gestures and can operate robot accordingly.

This smart device can be used in several applications e.g. bomb dismantling and to control other electronics devices (smartphones, laptops & other entrainment equipment etc.).
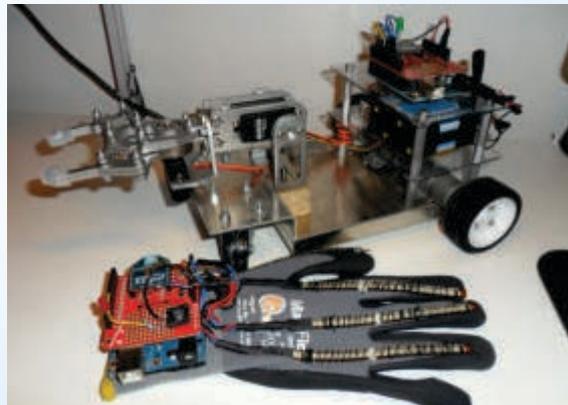
AMITY STUDENTS HAVE DESIGNED AN INNOVATIVE HAND GLOVE FINDING MULTIFACETED APPLICATIONS IN ASSISTIVE MEDICAL TECHNOLOGY, CONTROLLING OF SMART DEVICES AND MODERN ELECTRIC VEHICLES, ETC.

STUDENT INNOVATORS

Akshunya Mishra
B.Tech EEE (2014-18)
Selected for MEngSc, University College Dublin Belfield, Dublin, Ireland

Saksham Malhotra
B.Tech EEE (2014-18)
Selected for MEngSc, University College Dublin Belfield, Dublin, Ireland

AMITY SCHOOL OF ENGINEERING & TECHNOLOGY

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

INSPIRING STUDENT INNOVATION

AUTOMATIC DETECTION AND GRADING OF NON-PROLIFERATIVE DIABETIC RETINOPATHY FROM DIGITAL FUNDUS IMAGES

An innovation by three brilliant Amity students, this automatic image processing system can be an effective diagnostic tool to detect and grade the severity of diabetic retinopathy (that leads to blindness).

The detection is based on finding abnormalities such as exudates and red lesions and grading is done based on the distance from the macula. This innovative system is completely automatic and works in real time situations.
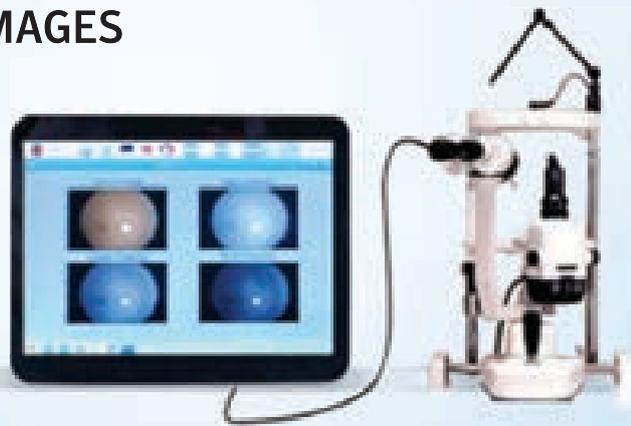
AMITY STUDENTS INNOVATION FOR USAGE IN PRIMARY HEALTHCARE CENTERS OF INDIA WHERE, THERE IS A SHORTAGE OF PROFESSIONAL OPHTHALMOLOGISTS
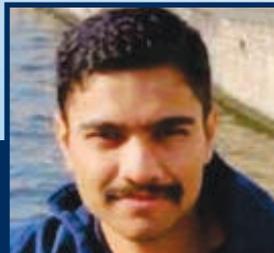
RESEARCH TEAM

Shaumik Ganguly
B.Tech - ECE (2010-14)
Current Position: Design Engineer, Continental AG, Frankfurt, Germany

Kshitij Srivastava
B.Tech - ECE (2010-14)
Current Position: Research Associate, Oak Ridge National Laboratory, USA.

Shaunak Ganguly
B.Tech - ECE (2010-14)
Current Position: Project Engineer M Plan GmbH, Germany

RESEARCH PUBLICATIONS FROM THIS WORK (ALL ARE SCOPUS / WEB OF SCIENCE INDEXED)

- An Efficient Image Processing Based Technique for Comprehensive Detection and Grading of Non Proliferative Diabetic Retinopathy from Fundus Images" Computer Methods in Biomechanics and Biomedical Engineering: Imaging & Visualization, **Taylor & Francis** Publishers, Volume 5, Issue 3- 2017 - Pages 195-207. (Indexed in Scopus)

- An Adaptive Threshold Based Algorithm for Detection of Red Lesions of Diabetic Retinopathy in a Fundus Image, International Conference on Medical Imaging, m-Health & Emerging Communication System (MEDCOM 2014), Nov 2014, pp. 91-94, IEEE Xplore, Digital Library. (Indexed in Scopus)

- An Efficient Grading Algorithm for Non-Proliferative Diabetic Retinopathy using Region Based Detection" 38th IEEE International Conference on Telecommunications and Signal Processing 2015, Prague, **Czech Republic,** pp-743-747, IEEE Xplore, Digital Library. (Indexed in Scopus)

- Exudates Detection in Digital Fundus Image Using Edge Based Method & Strategic Thresholding" 38th IEEE International Telecommunications and Signal Processing 2015, Prague, Czech Republic, pp- 748-752, IEEE Xplore, Digital Library (Indexed in Scopus).

AMITY SCHOOL OF ENGINEERING & TECHNOLOGY

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AS RANKED BY TIMES ENGINEERING SURVEY
PUBLISHED ON 27TH MAY '16 IN
THE TIMES OF INDIA

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Excellent Placements Record

- 36,000 placements in the last years

- No. of Companies visited: 353

- No. of single offers given by companies: 3006

- Alumni are drawing salary of over Rs. 1 crore p.a.

- **Some of the top corporate recruiters at Amity:** Accenture, Amazon, Black Rock, Capgemini, Cisco Systems, Ericsson, Ford Motors, General Electric, Hettich, Honda, Hyundai, IBM, Indigo, Jubilant, L&T, Microsoft, Samsung, Tata Technologies, Wipro, Yamaha

- **Some Govt. Organisations which have recruited Amity students:** Leading PSUs, Indian Army, Indian Navy, Indian Air Force, Indian Railways, Para Military and many more...

- **Some of the leading Global Universities where Amity students have been selected for higher studies:** Cornell, Stanford, Carnegie Mellon, Florida, Illinois, John Hopkins, Purdue, Georgia Institute of Technology, NUS, Melbourne

THE AMITY ADVANTAGE

Research-Focussed Faculty
- Have filed over 938 patents – more patents filed than any other University/Institution in India
- Have published 3,500+ Research Papers
- Rich teaching and research experience at universities across the world like Oxford, Purdue etc.
- Over 30 Hony. Professors from world top universities like Stanford, Cambridge, Harvard, Cornell, NUS
- Over 2,500 Ph.D Scholars

Brilliant Students
- Have filed over 100 patents
- Have published 300+ Scopus Indexed Research Papers last year

Unique International Exposure
- Semester Abroad/Project/Internship options with leading universities of USA, UK, Australia, Singapore, Dubai and Germany
- 100+ expert lectures by renowned professors/scientists from leading global institutions

Advanced Flexible Curriculum
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