

# VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, VTU Main Rd, Machhe, Belagavi, Karnataka 590018.

## DON BOSCO INSTITUTE OF TECHNOLOGY

Financial Assistance for Innovative Projects of Final Year  
Under Graduate Students for the year 2021-2022

Sl. No.	Name of the Guide	Dept.	Project Title	Amount Sanctioned in Rs./-
1.	Prof. Prakruthi S T	CSE	IOT Based Smart Disposal Notifier Using GSM Technology	5000/-
2.	Dr. Venugeetha Y	CSE	An IOT Based Air and Noise Pollution Monitoring System Using Raspbery Pi	5000/-
3.	Prof. Chandana N C	ME	Design and Fabrication of Mechanical Sickle for Agriculture Utility	5000/-
4.	Prof. Darshan B G	ME	Design and Fabrication of Low Cost Manually Operated Multipurpose Agriculture Machine	5000/-
5.	Dr. R. Anguraja	EEE	Natural Disaster Alert System Using Solar Powered Zigbee For Remote Rural Areas	5000/-
6.	Prof. Padmashree V Kulkarni	EEE	Ultra-Violet Sterilization Disinfectant Robot for Combating The COVID – 19 Pandemic	5000/-
7.	Prof. Naganandini G	ISE	IOT Based Intelligent Medicine Management Box	5000/-

8.	Prof. Gowramma G S	ISE	An Intelligent Robotic Process Automation based IVF Live Birth Prediction Model For COVID-10 Patients	5000/-
9.	Prof. Mahadevi S Manur	TCE	COVID-19 Authorised Entry Using Face Mask Detection and Sanitiser Dispense	5000/-
10.	Dr. Chandrashekar N S	TCE	Detection of Food Freshness	5000/-
11.	Dr. Jai Prakash Prasad	ECE	PCB Motor	5000/-
12.	Prof. Babitha S	ECE	Underground Cable Fault Detection Based on IoT	5000/-
13.	Dr. R.L. Ramesh	CIVIL	Strength of Concrete by Patial Replacement of Fine Aggregates by Granite Powder and Coarse Powder and Coarse Aggregates by Jhama Class Bricks as a Composite Material	5000/-
14.	Prof. Savitha A L	CIVIL	Ground Water Quality Assessment of Kumabalagodu Gramapanchayat Using GIS and Remote Sensing	5000/-

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Sl. No.	Name of the Guide	Dept.	Project Title	Amount Sanctioned in Rs./-
1.	Dr. Bhaskar R	CSE	Privacy preserving Mechanism for Medical Data Stored in Cloud During Health Emergencies	5000/-
2.	Prof. Vinaka Halbhavi	CSE	A Comparative Time Series Analysis of COVID-19 for First and Second wave using Machine Learning Techniques.	5000/-
3.	Prof. Dharshan B G	ME	Low Cost Modified Transport System For Rural And Town Application " Eco Friendly Road Cleaner"	5000/-
4.	Dr. Arun Magdum	ME	GSM Based Solar Powered Hydraulic Pump	5000/-
5.	Dr. Anguraja R	EEE	Cleaning and Air purification in industries using robotics	5000/-
6.	Prof. Sulochana I Akkalkot	EEE	GSM based portable system for monitoring home quarantined COVID-19. Patients	5000/-
7.	Prof. Gowramma G S	ISE	Using Dynamic Models to Showcase Pandemic prevention measures Empirical Covid-19	5000/-
8.	Prof. Mamatha K	ISE	Crop Yield Prediction Using Deep Learning	5000/-
9.	Prof. Sheela S	TCE	Assistive Communication System for Physically Challenged People Using Machine Learning Technique	5000/-
10.	Prof. Padmini K	TCE	COVID 19 Authorized Entry using Face Mask Detection and Sanitizer dispense	5000/-
11.	Dr. Jaiprakash Prasad	ECE	Face Mask Detection Using Semantic Segmentation Aftermath of Covid-19.	5000/-
12.	Prof. Sowmya K S	ECE	Lidar Based Autonomous Robot Navigation, Contemplating on COVID-19 Relief	5000/-
13.	Dr. R.L. Ramesh	CIVIL	Investigation Of Partial Replacement Of Aggregates By Silico-Manganese Slag and Construction And Demolition Wastes As A Composite Building Materials	5000/-
14.	Prof. Sadashivaiah	CIVIL	Use Of Recycled Waste Plastic Material In Concrete By Partial Replacement of Sand	5000/-

**Financial Assistance for Innovative Projects of Final Year  
Under Graduate Students for the year 2019-2020**

Sl. No.	Name of the Guide	Dept.	Project Title	Amount Sanctioned in Rs./-
1.	Prof. B. S. Umashankar	CSE	Face Detection using Webcam for wireless security	5000/-
2.	Prof. Shruthi G	CSE	Integrity Auditing & Hiding Sensitive Information Data for secure Cloud storage	5000/-
3.	Prof. Raghavendra D	CIVIL	Experimental Investigation on carbon strong in concrete cubes	5000/-
4.	Prof. Gobinath S	CIVIL	Structural health monitoring using seismic sensors	5000/-
5.	Dr. Rashmi S B	ECE	Design of Solar Charger circuit for recharging batteries of communication and surveillance	5000/-
6.	Prof. Bhavya A B	ECE	Smart self-defensive gadget for women safety using IoT	5000/-
7.	Dr. R. Anguraja	EEE	Solar automated ultrasonic sound & visual animal deterrent using motion detector	5000/-
8.	Dr. Ramesh Kumar V	EEE	Motor and Its Control for E-rickshaw	5000/-
9.	Prof. Chaithra A S	ISE	Towards many to may communication among blind and deaf users	5000/-
10.	Prof. Gowramma G S	ISE	Digital solution to campus life campus mate	5000/-
11.	Prof. B.S. Kanthraju	ME	Fabrication of Solar powered multi operated agriculture machine	5000/-
12.	Prof. K.V.Suresh	ME	Next generation automobile vehicle	5000/-
13.	Prof. Venkataesh P	TCE	E-Voting system using black chain technology	5000/-
14.	Prof. Sheela S	TCE	Implementation of greenhouse service control protocol using python on Raspberry Pi	5000/-

**Financial Assistance for Innovative Projects of Final Year  
Under Graduate Students for the year 2018-19**

Sl. No.	Name of the Guide	Dept.	Project Title	Amount Sanctioned in Rs./-
1.	Prof. Gowramma G S	CSE	Air Pollution data Analysis	5000/-
2.	Prof. Ranjeeth Kumar	CSE	Book recommendation engine for personalized book recommendation	5000/-
3.	Prof. Raghavendra D	CIVIL	Experimental Investigation on Self Compacting Geopolymer Concrete when Exposed to Chloride	5000/-
4.	Prof. Jaswanth Gowda	CIVIL	Studies on Status of Sanitation of Kumbalagodu Town Bengaluru (D) Karnataka	5000/-
5.	Prof. Shreenivas P Gudi	ECE	Crop Health Monitoring Using NDVI Algorithm Implemented using Multirotar	5000/-
6.	Prof. Sangam Kumar G H	ECE	DI Robot	5000/-
7.	Dr. Anguraja R	EEE	Driver Drowsiness Detection Systems	5000/-
8.	Prof. Vijayashree G	EEE	RFID Coin Based Mobile Charger Using Solar	5000/-
9.	Prof. Mamatha K	ISE	Child Safety Wearable Device Using IoT	5000/-
10.	Dr. Ashok Kumar P S	ISE	IoT based smart surveillance security system using raspberry	5000/-
11.	Prof. Saleem Khan	ME	Design & Fabrication of Atmospheric Water Heater	5000/-
12.	Dr. A.M. Nagaraj	ME	Production of Ethanol from Urban Waste	5000/-
13.	Dr. Rengaprabhu	TCE	Automatic acceleration control using image processing in Raspberry Pi	5000/-
14.	Prof. J. Divya Lakshmi	TCE	Novel Approach for RFID based smart shopping trolley	5000/-

**Financial Assistance for Innovative Projects of Final Year  
Under Graduate Students for the year 2017-18**

Sl. No.	Name of the Guide	Dept.	Project Title	Amount Sanctioned in Rs./-
1.	Prof. Ranjeet Kumar	CSE	IoT based manual manhole maintenance information system	5000/-
2.	Prof. Gowramma G S	CSE	Autonomous car simulation	5000/-
3.	Prof. A Jaswanth Gowda	CIVIL	Proposed design of integrated solid waste processing plant of Channapatna Town	5000/-
4.	Prof. Shreyas K	CIVIL	Experimental investigation of translucent Concrete by glass fibers	5000/-
5.	Prof. Shashiranjana	ECE	Design of high efficiency RF power amplifier for cellular networks	5000/-
6.	Prof. Rashmi S B	ECE	Autonomous GPS guided drone system	5000/-
7.	Prof. Raveendra R	EEE	Enhancement of solar power using fresh water & gravity	5000/-
8.	Dr. R Anguraja	EEE	Smart Underground waste management system	5000/-
9.	Prof. Basavaraj Neelgund	ISE	Fraud Detection in credit card transaction using machine learning	5000/-
10.	Prof. Mamatha K	ISE	Analysis of energy conservation in smart grade in big data	5000/-
11.	Prof. Chandana C	MECH	Power generation using electromagnetic suspension	5000/-
12.	Prof. Saleemkhan	MECH	Design and fabrication of gyro-stabilized bicycle	5000/-
13.	Prof. Kishore Kumar R	TCE	An image based motion planning for autonomous robot	5000/-
14.	Prof. Shivananda N T	TCE	Application of IoT with Raspberry PI3 for vehicle parking	5000/-