



# Bapuji Institute of Engineering & Technology

Post Box No. 325, DAVANGERE - 577 004, Karnataka - India

Year of Establishment - 1979

(Affiliated to Visvesvaraya Technological University and Approved by AICTE, New Delhi)  
Accredited by N.B.A., New Delhi and The Institution of Engineers (I), Kolkata.

ಬಾಪುಜಿ ಇಂಜಿನಿಯರಿಂಗ್ ಮತ್ತು ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯ, ದಾವಣಗೆರೆ - 577 004.

Ref. No. : BIET/VTU-stud. Project-Proposals/520.

Date 03-07-2021

Ref: BIET/VTU Financial Assistance UG student Projects/

Date:02-07-2021


**Subject: Submission of Project proposals for Financial Assistance for Innovative Projects of Final year UG students of the year 2020-21.**

Ref. No.:VTU/BGM/PS/2021-22/545, dated 06-05-2021.

With reference to the above subject and directions from the VTU Belagavi, institute constituted departmental committees for the selection of innovative projects of final year UG students for financial assistance. Meetings are conducted in online mode on 28<sup>th</sup> and 29<sup>th</sup> June 2021 department wise for the selection of best project proposals under the supervision of department Selection committee and VTU Nominee, Prof. Shailesh Shetty S, Assistant Professor, Sahyadri Institute of Engineering and Management, Mangalore. Two best Project Proposals from each department are recommended based on the significance and social benefits by the selection committee are enclosed herewith. Softcopy of the proposals are mailed to your good office and the Hardcopy will be sent through post along with CD. Kindly accept the Project proposals for financial assistance and acknowledge the same.

Thanking You

A. G. Shenkeru Nity,  
Project Committee coordinator

  
Principal  
PRINCIPAL  
Bapuji Institute of Engg. & Technology  
DAVANGERE-577 004.

- Encl.: 1. Copy of selection committee  
2. NDF copy of VTU Nominee  
3. List of 2 Project Proposals selected from each department.  
4. Copy of Affiliation Notification issued by VTU for 2020-21.  
5. Project proposals -ANNEXURE I

### 3. LIST OF 2 PROJECT PROPOSALS SELECTED FROM EACH DEPARTMENT.

Sl. No.	Title of the Project	Names of the Students	Name of Guides	Department
1.	Experimental study of Infiltration on different land covers in Davanagere district using Double ring Infiltrometer	B D Mallikarjuna Suhas S Syed Umar Faruq Soumya K R	Mrs. Amulya G V	Civil Engineering
2.	Experimental Investigations on Masonry Concrete Block Using Silica Fume and Crumb Rubber.	Shruthi R M Mallik Raiyan B K Sanjay S H Sowmya N	Chandrashekar A R	
3.	Development of Solar Powered AgriBot	Karthik K Bhat Nikhil Puthanikar Premalinga L Rakshit Gowda B	Umesh B S	Mechanical Engineering
4.	Synthesis of Silver Nanoparticles using Electro Chemical Discharge Machining Process for Medical Application	Harsha M S Arun S B Karthik K B Karthik M P	Santhosha M Dr. Sadashivappa K	
5.	Pesticides Suggestion For Diseased Plants Using Machine Learning	Veena M R Ksheera P B Teju G M Preethi R	Mr.Gangadharappa S	Computer science and Engineering
6.	Weed detection in Agricultural field using CNN	Apama Madhumati J B Shravani N S Shreya Karan	Ms.Radhika Patil	
7.	Development and characterization of natural fiber reinforced composites (NFCs) using fibers extracted from corn husk	Pavan K Jameer A Bargir Pramod P Santosh S Bidrole	Dr. Dinesh Y N	Textile Engineering
8.	Colour Removal From Dye Waste Water Using Organic Waste As Adsorbents	Hitesh das Pavanraj Swaroop R M Veeresh C Venkatesh .M N	Mr. Nandeesh R S	
9.	Ultrasonic Blindmate With GPS Tracking	Sucheth E Sindhu H E Gagana T M Suraj M R	C Shadaksharaiah	Electrical & Electronics
10.	Monitoring of Electric Vehicle Battery and Low Voltage Alert System	Pournanjali D K Jyothi A M Nandish K C Ramesh K	Dr.Anjaneya L H	

**2. UG Projects Funded by VTU  
Academic Year 2020 – 2021**

Batch No.	USN	Name of the Student	Name of the Guide	Project Title	Amount Sanctioned (in Rs.)
A13	4BD17CV045	Mallik Raiyan B K	Sri. A R Chandrashekar	Experimental Investigation On Masonry Concrete Block Using Silica Fume And Crumb Rubber	5,000
	4BD17CV089	Sanjay S H			
	4BD17CV097	Sowmya N			
	4BD18CV427	Shruthi R M			
A14	4BD17CV047	Mallikarjuna.B.D	Smt. Amulya G V	Experimental Study Of Infiltration On Different Land Covers In Davangere District Using Double Ring Infiltrometer	5,000
	4BD17CV099	Suhas S			
	4BD17CV103	Syed Umar Faruq			
	4BD18CV428	Sowmya K R			

VTU sponsored

Bapuji Educational Association (R)

Bapuji Institute of Engineering and Technology, Davangere-577 004.

Ref. No: BIET/VTU Project/R&D/04/2020-21

Date: 15/02/2021

**Subject:** Submission of bills towards the project proposals submitted for VTU funding under Innovative Projects- Reg.

Ref: VTU/BGM/Aca-os/Gen-cirs/2019-20/10300 dated 11-03-2020

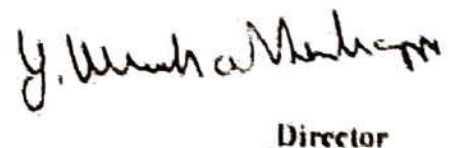
2019-20  
Projects.

With reference to the above subject, I am happy to inform you that the following project proposals submitted under Innovative projects to VTU Belagavi have received the grants. Hence the respective HoDs/Guides of the departments of the selected projects are informed to submit the GST bills towards the projects latest by 25/02/2021.

S.No	Title of the Project	Department	Sanctioned Amount
1	Development of pesticidal vermiwash from selected Medicinal plants	BT	5,000/-
2	Cultivation of Sweet potato plantlets by plant tissue culture technique		5,000/-
3	Performance characteristics of concrete with Alecotine-An experimental study	Civil ✓	5,000/-
4	An experimental investigation on Partial replacement of cement with Magnesium carbonate on performance of concrete		5,000/-
5	Investigations on performance of Adhesive produced from Cashew nut shell	Chemical	5,000/-
6	Human voice generation model using deep learning	CS & E	5,000/-
7	Blockchain based Microfinance for Farmers		5,000/-
8	Design and fabrication of Smart Jacket	E & I	5,000/-
9	Detection and prevention of water leakage in drip irrigation using Internet of Things	IS&E	5,000/-
10	Intelligent hexapod synchronized waste collection system		5,000/-
11	Development of portable Biochar production unit	Mechanical	5,000/-
12	Design and fabrication of Hybrid solar cell for E-Vehicle charging		5,000/-
13	Design of UAV for spraying Fertilizers and Pesticides.		5,000/-
14	Fire Extinguishing Robot	E & C	5,000/-

A. G. Shankar Reddy  
Dean R & D

  
Principal

  
Director