



# Bapuji Institute of Engineering & Technology

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

Year of Establishment - 1979

(Affiliated to Visvesvaraya Technological University, Belagavi and Approved by AICTE, New Delhi)  
Accredited by NAAC with 'A' grade and recognised by the Institution of Engineers (I), Kolkata.

ಬಾಪ್ಜಿ ಇಂಜಿನಿಯರಿಂಗ್ ಮತ್ತು ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯ, ದಾವಣಗೆರೆ - 577 004.

Ref. No. : BIET / R & D / VTU/Innov Fund.2021/6 / 1241 Date...28-09-2021.....

Ref: VTU/Aca.1A4/2021-22/2631/4, dt. 20.09.2021

Subject: Submission of bills for sanctioned Innovative Projects of UG Final Year students for Financial Assistance for 2020-21 by VTU Belagavi-reg.

With reference to the above subject, VTU Belagavi has sanctioned financial assistance to the following UG Final year student projects submitted under Innovative Project scheme 2020-21. Hence the respective HODs and Guides of the selected projects of the department are hereby informed to submit the bills with GST latest by 30-09-2021. Also forward a report of 1 page on the outcomes of the project findings to Dean R & D (E-mail: agsiitr@gmail.com).

## List of Project Proposals Sanctioned for Institute Funding for the Academic Year 2020-21

| Sl. No | Department             | Title of the Project                                                                                                | Names of the Students                                                  | Name of Guides                   | Amount sanctioned |
|--------|------------------------|---------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------|-------------------|
| 1.     | Civil Engineering      | Experimental study of Infiltration on different land covers in Davanagere district using Double ring Infiltrrometer | Mallikarjuna B D<br>Suhass S<br>Syed Umar Faruq<br>Soumya K R          | Amulya G V                       | 5000.00           |
| 2.     |                        | Experimental Investigations on Masonry Concrete Block Using Silica Fume and Crumb Rubber.                           | Shruthi R M<br>Mallik Raiyan B K<br>Sanjay S H<br>Sowmya N             | Chandrashekar AR                 | 5000.00           |
| 3.     | Mechanical Engineering | Development of Solar Powered AgriBot                                                                                | Karthik K Bhat<br>Nikhil Puthanikar<br>Premalinga L<br>Rakshit Gowda B | Umesh B S                        | 5000.00           |
| 4.     |                        | Synthesis of Silver Nanoparticles using Electro Chemical Discharge Machining Process for Medical Application        | Harsha M S<br>Arun S B<br>Karthik K B<br>Karthik M P                   | Santhosha M<br>Dr.Sadashivappa K | 5000.00           |

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|-----|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------|---------|
| 5.  | Computer science and Engineering        | Pesticides Suggestion For Diseased Plants Using Machine Learning                                                                    | Veena M R<br>Ksheera P B<br>Teju G M<br>Preethi R                           | Gangadharappa S       | 5000.00 |
| 6.  |                                         | Weed detection in Agricultural field using CNN                                                                                      | Apama<br>Madhumati J B<br>Shravani N S<br>Shreya Karan                      | Radhika Patil         | 5000.00 |
| 7   |                                         | Development and characterization of natural fiber reinforced composites (NFCs) using fibers extracted from corn husk                | Pavan K<br>Jameer A Bargir<br>Pramod P<br>Santosh S Bidrole                 | Dr. Dinesh Y N        | 5000.00 |
| 8   |                                         | Ultrasonic Blind mate With GPS Tracking                                                                                             | Sucheth E<br>Sindhu H E<br>Gagana T M<br>Suraj M R                          | C Shadaksharaiah      | 5000.00 |
| 9   | Electrical & Electronics                | Monitoring of Electric Vehicle Battery and Low Voltage Alert System                                                                 | Pourmanjali D K<br>Jyothi A M<br>Nandish K C<br>Ramesh K                    | Dr. Anjaneya L H      | 5000.00 |
| 10. | Electronics & Communication Engineering | IoT Based Real time system to monitor quality of milk                                                                               | Karthik<br>Dhulashetty<br>Praveen N<br>Prerana R S<br>Pooja A R             | Dr. G. S. Sunitha     | 5000.00 |
| 11. |                                         | Public Distribution System Using QR Code                                                                                            | Swetha Prabhu B<br>Sahana S<br>Ramya S                                      | Poornima G N          | 5000.00 |
| 12. | Chemical Engineering                    | Production of bio-diesel from used cooking oil                                                                                      | Rahul kumar A S.<br>Rithik R.<br>Karthik H.<br>Chandan S K.                 | Dr. Praveen Kumar D G | 5000.00 |
| 13. |                                         | Extraction of silver from used X-ray films                                                                                          | Sahana H K<br>Amulya T M                                                    | Shashikala K J        | 5000.00 |
| 14. |                                         | AgriBot- Multipurpose agriculture robot using IoT                                                                                   | Suma Gourish Bhat<br>Priya Yagati M S<br>Jagadeep Nandan J<br>Keerthana S A | Dr. Vinutha H P       | 5000.00 |
| 15. | Information Science & Engineering       | Demystifying Neurolearning: An EEG based Real time monitoring and improving of Student Cognitive Engagement in Learning Environment | Chaitali<br>Ramadas Shetty<br>Chinthana K<br>Nanditha G K<br>Pragna M N     | Sheik Imran Chandan V | 5000.00 |
| 16. | Bio-Technology                          | Development of low cost, high nutritive probiotic drink from waste pulse starch and fruit eels                                      | Sushma H C<br>Sahana G<br>Niharika Reddy M<br>Afia D Boshi                  | Chandukishore T       | 5000.00 |

|     |                               |                                                                                       |                                                                              |                |         |
|-----|-------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------|----------------|---------|
| 17  |                               | Development Of Low-Cost Stain Remover From Lipase Enzyme By Solid State Fermentation. | Rohith K M<br>Santosh<br>Vijeth G                                            | Shruthi S.R    | 5000.00 |
| 18. | Electronics & Instrumentation | Smart Health(Covid-19) Console                                                        | ChandanKashyap<br>Sachin R<br>Vathsala H N<br>Pavan Kumar<br>Badiger         | Shubha V Patel | 5000.00 |
| 19. |                               | Audio Visual Interpreter for hearing impaired.                                        | Anil B Jadhav<br>Mohammed Omer<br>Multazeem<br>Padmashree S R<br>Vaishnavi M | Ashalatha M E  | 5000.00 |

A.G. Shenker, Muthy.  
Dean R & D

  
Dean, Academic

  
Principal

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