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Bapuji Educational Association (Regd.)

## Bapuji Institute of Engineering & Technology

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

Year of Establishment - 1979

(Affiliated to Vivesvaraya 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 /

Date.....

Ref: BIET/R & D/Institute Funding/4-2021

Date: 09-07-2021

Subject: **Selection List of Innovative Student Project proposals of Final year UG for Institute Funding for the Academic year 2020-21.**

To promote excellence in research in higher education, Institute is supporting Final year UG student Projects of various programs in advanced and emerging engineering domain. Based on the recommendations of Selection committees of various department of Innovative project proposals of Final year UG students, Institute has sanctioned financial assistance of Rs. 5000=00(Rupees Five Thousand) for each project based on the significance and social benefits for the Academic year 2020-21. Selected Project Proposals for funding from each department are enclosed herewith. *To total Sanctioned Amount ಹಿರು be Rs. 75,000=00 (15 Batches @ Rs 5000 =00)*  
**Guidelines to carry out the Project work:**

1. The project should be performed based on the stated objectives of the project proposal.
2. The project should be completed in all respects before 20<sup>th</sup> July 2021 for financial assistance and soft and Hard copy of the complete project report should be submitted to Principal office.
3. After completion of the project, a synopsis of 2-3 pages to be submitted to Dean, R & D through email ([apsiitr@gmail.com](mailto:apsiitr@gmail.com)) and should include Title of Project, Name of the department, name of Guide(s) and students with keywords.
4. Only GST Bills will be accepted for financial assistance.

A. G. Shenden *Signature*  
Dean R & D

*Signature*  
Principal

J. Venkatesh *Signature*  
Director

Copy to: 1. HODs to communicate respective Guides and students  
2. Account section

Encl: list of selected Project proposals for Institute Funding

*Nirajam / VSH*

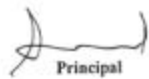
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**LIST OF PROJECT PROPOSALS SELECTED FOR INSTITUTE GRANT/FUNDING FOR  
THE ACADEMIC YEAR 2020-21**

Sl. No.	Title of the Project	Names of the Students	Name of Guides	Department
1.	HYDROCERAMIC TILE- A Passive Cooling System for Buildings	Piyush Ranjan Manjunath P Naik Girija Sharma Shameer	Chikkanagoudar R S Vagish M	Civil Engineering
2.	An Experimental Study on effect of Curing Methods on strength characteristics of M30 Grade Concrete	Prabhudeva M J Sharath M Nikhitha S S Irshad Ahmed B	Dr. Chidananda G Rakshesh J Ghante	
3.	Design and Development of Underwater Monitoring Robot for Aquaculture	Ruqaiya Mehwish Madhukumara M Manikanta Suresha P	Pradeep N R	Mechanical Engineering
4.	Effect of water absorption on Mode-I inter laminar Fracture Toughness of hybrid composite	Ashok mahadev Kumar Akash biradar Anand kumar N Ashish Bhushan Singh	Mr. Mohan T R	
5.	AI Based Gait Recognition for Biometric Surveillance	Anil Kaundal Rishabh Raj Rishi Pradeep Sharma Aman	Prof. Naseer R	Computer science and Engineering
6.	Face Sketch Recognition using Computer Vision	Nidhi S Jain Yemimah Angel M D Meghana K S Neha pawar K R	Dr. Roopa G M	
7.	IoT based Animal Intrusion Detection and Alerting system for Farm protection	Arvind G Choudhri Ananya Maladkar Sandeep S N Mahesh S	Ganesh K	Electronics & Communication Engineering
8.	IoT based controlling of Hybrid Energy system	Kirankumar J Purad Nagesh V Kini Purvi M Kadekoppa Rachana Ballur P	Shwetha S	
9.	Underwater Robot Observatory for Real Time Water Quality and Shrimp Growth Monitoring	Nischal B Patil Kavya Patel Keerthi M Vishwas C N	Varsha M Roopa D. E	Information Science & Engineering
10.	Fire Escaping Bot Using Arduino and Flame Sensors	Sanjana Ravindra S Bhumika P S Aagama S. Jain Samanvitha Patel	Bhuvaneshwari K.V Vinay M. T	
11.	Study of fabric Properties produced from Milk yarns	Eshwar P M Shreyas K S Kavalappa R B Shankarnag	Dr. Ravindra K. B	Textile Engineering
12.	Crop yield prediction using Machine Learning and IoT	Vijayakumar Nyamathi Md. Shoibulla JHJ	Niranjan S H	Electrical & Electronics

13.	Extraction of Tamarind seed oil as potential alternate fuel for sustainable green environment	Soundarya S K Geetanjali B S Pooja N S Kolli Chandana	Dr.Kalleshappa C.M Amarnath P. C	Chemical Engineering
14.	Happy Bin	Vital Kumar Kiran R Sreedhar Reddy	Deepashri K M	Electronics & Instrumentation
15.	Bio Detergent with Mosquito Repelling Properties	Ramola D Silva Samskartahi D Sunkara Sravya Shivaranjani V	Dr.Vinaykumar Jain	Bio Technology

1-G. Shankar Reddy  
Dean, R & D

  
Principal

  
Director

Bapuji Education Association @  
Bapuji Institute of Engineering & Technology  
Research and Development Cell  
Davangere-577004

BICT / R & D / 53 / 2018-19 / 9 / 14 / 14

Date: 5/04/2018

To,  
Professor & Head  
Department of Electrical & Electronics Engineering  
Bapuji Institute of Engg and Technology  
Shamnanur Road,  
Davangere -577004

Dear Sir/Madam,

Sub: Sanction of Student Project from the institute for the year 2017-18

Reference: Project Proposal titled: **"RF controlled multipurpose agricultural Robot"**

I am happy to inform that your project proposal referred above, has been recommended by the Projects Evaluation Committee of BIET and approved by the Principal under student project scheme. Budgetary break-up as detailed below.

Students	Tejaswini U Kavya K.S Gowtham N U Anusha U	Budget	Amount
		Materials/consumables	
Guide/s	Kavya G. R Thrishala B.Indi	Travel and Report Preparation	5000/-
Department	Electrical & Electronics Engineering	Miscellaneous	
Rupees Five thousand only		Total	5000/-

The following are the guidelines to carry out the project work:

- The project should be performed based on the objectives of the proposal presented.
- The project should be completed in all respects and one copy of the hardbound report along with softcopy of the full report in a CD (.doc and .pdf format) should be submitted to the head of the department concerned / Dean R&D.

The sanctioned amount can be collected from the institute by submitting proper bills of expenditure, duly signed by Head of the department and Principal.

Yours sincerely,

*Ranganath B.E*  
Dean R&D

*[Signature]*  
Principal

*[Signature]*  
Director



*TS. Kavya*  
*[Signature]*  
10/4/18

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Bapuji Institute of Engineering & Technology  
Research and Development Cell  
Davangere-577004

BIET/R3D/168/2017-18

Date: 20/04/2017

To,  
Professor & Head  
Department of Electrical and Electronics  
Bapuji Institute of Engg and Technology  
Shamnanur Road,  
Davangere -577004



Dear Sir/Madam,

Sub: Sanction of Student Project from the institute for the year 2016-17

Reference: Project Proposal titled: "Impact of Non-Linear Load on Power Quality Using SIMULINK"

I am happy to inform that your project proposal referred above, has been recommended by the Projects Evaluation Committee of BIET and approved by the Principal under student project scheme. Budgetary break-up as detailed below.

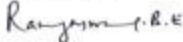
Students		Budget	Amount
	1. Meghana P 2. Priyanka V V 3. Rashmi H S 4. Sneha, Rajeev, Hulsogi	Materials/consumables	3000/-
Guide/s	Dr.M.S.Nagaraj Triveni M T	Travel and Report Preparation	
Department	Electrical and Electronics	Miscellaneous	
<b>Rupees Three thousand only</b>		<b>Total</b>	<b>3000/-</b>

The following are the guidelines to carry out the project work:

- The project should be performed based on the objectives of the proposal presented.
- The project should be completed in all respects and one copy of the hardbound report along with softcopy of the full report in a CD (.doc and .pdf format) should be submitted to the head of the department concerned / Dean R and D.

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Yours sincerely,

  
Dean R&D

  
Principal

  
Director

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Bapuji Institute of Engineering & Technology  
Research and Development Cell  
Davangere-577004

Date: 20/04/2017

BIET/R3E/168/2017-18

To,  
Professor & Head  
Department of Electrical and Electronics  
Bapuji Institute of Engg and Technology  
Shamnanur Road,  
Davangere -577004



Dear Sir/Madam,

Sub: Sanction of Student Project from the institute for the year 2016-17

Reference: Project Proposal titled: **"Utilization of Mechanical Energy from Rotation of Ceiling Fan to Generate Electricity (Mini Generator Using Conventional Machine)"**

I am happy to inform that your project proposal referred above, has been recommended by the Projects Evaluation Committee of BIET and approved by the Principal under student project scheme. Budgetary break-up as detailed below.

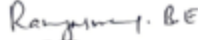
Students		Budget	Amount
	1. Yashaswini B 2. Pooja B V 3. Siddiq Tanveer 4. Karibasavarju H Matt	Materials/consumables	4000/-
Guide/s	Dr.M.S.Nagaraj	Travel and Report Preparation	
Department	Electrical and Electronics	Miscellaneous	
Rupees Four thousand only		Total	4000/-

The following are the guidelines to carry out the project work:

- The project should be performed based on the objectives of the proposal presented.
- The project should be completed in all respects and one copy of the hardbound report along with softcopy of the full report in a CD (.doc and .pdf format) should be submitted to the head of the department concerned / Dean R and D.

The sanctioned amount can be collected from the institute by submitting proper bills of expenditure, duly signed by Head of the department and Principal.

Yours sincerely,

  
Dean R&D

  
Principal

  
Director