



PRESIDENCY UNIVERSITY

(Private University Estd. in Karnataka State by Act No.41 of 2013)

Date: -30-10-2021

SANCTIONED AMOUNT UNDER SEED GRANT OCTOBER-2021

Sl.No	Title of the Project	Name of the Faculty (Principal Investigator)	School/ Dept.	Status
1.	Innovative PCB Design for Training and Industrial Applications	Dr. Rajiv Ranjan Singh	SoE/ECE	In Progress
2.	Study of Composite Nanostructured Magnetic Materials for drug Delivery	Dr. P Mohan Kumar Naidu	SoE/PHY	In Progress
3.	Study of Polymer encapsulated nonmagnetic (core shell) materials for energy storage applications	Dr. Deepthi P R	SoE/PHY	In Progress
4.	Centre for excellency in additive manufacturing	Mr. Naveen Kumar A	SoD	In Progress

City Office: University House, 8/1, King Street, Richmond Town, Bengaluru - 560025

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Project Review Committee Recommendations.

1. All the above Presented Research Projects Proposals are **Approved** and Financial Assistance **Sanctioned** based on the merits of the Outcomes of the submitted Proposal.
2. The Sanctioned Projects shall start from **6th December 2021** and the duration will be of **Two Year** from the date of commencement of the Project.

Dr. Abdul Sharief

Dean SoE
R&I

Dr. C S Ramesh

Dean

Dr A M Surendra Kumar

Pro Vice – Chancellor

Dr. Muddu Vinay

Pro Vice – Chancellor

Dr. D Subhakar

Vice- Chancellor

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Date: -20-08-2021

SANCTIONED AMOUNT UNDER SEED GRANT AUGUST-2021

Sl.No	Title of the Project	Name of the Faculty (Principal Investigator)	School/ Dept.	Status
1.	Model for donor recipient matching in stem cell transplantation	Dr. Clara Kanmani A	SoE/CSE	In Progress
2.	Natural language processing (NLP) for educational application	Dr. Sandeep Albert Mathias	SoE/CSE	In Progress
3.	Design, Analysis and simulation of 3 axis robots +	Mrs. Priyanka S Umarji	SoE/MEC	In Progress
4.	User Association in reconfigurable Intelligent Surface (RIS)- Assisted wireless Networks: A Deep learning perspective	Dr. Shankar K Ghosh	SoE/CSE	In Progress
5.	System requirement for remote sensing satellite data processing and geographic information system	Dr. Chandankeri G C	SoE/CSE	In Progress
6.	Impact of urban environmental factors on schizophrenia using data mining techniques	Dr. Murali Parameswaran	SoE/CSE	In Progress
7.	Trust –based communication for flying ad-hoc networks (FANET)	Mr. Jerrin Joe Francis	SoE/CSE	In Progress
8.	IRIS Data protection using machine learning technique	Dr. Gopal K. Shyam	SoE/CSE	In Progress

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9.	Accident Alert systems with report generation using IOT	Dr. G. Shanmugarathinam	SoE/CSE	In Progress
10.	Recommendation systems	Dr. Blessed Prince P	SoE/CSE	In Progress

Project Review Committee Recommendations.

1. All the above Presented Research Projects Proposals are **Approved** and Financial Assistance **Sanctioned** based on the merits of the Outcomes of the submitted Proposal.
2. The Sanctioned Projects shall start from **18th October 2021** and the duration will be of **Two Year** from the date of commencement of the Project.

Dr. Abdul Sharief

Dean SoE
R&I

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Dr A M Surendra Kumar

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Vice- Chancellor

Date: -17-01-2022

SANTIONED AMOUNT UNDER SEED GRANT –JANUARY 2022

Sl.No	Title of the Project	Name of the Faculty (Principal Investigator)	School/Dept.	Recommended/ Sanctioned Amount (in Rs.)	Signature
1.	Biomaterial based green adsorbent : Removal of heavy metal ions from industrial wastewater	Dr. Aparna Roy	SoE/CHE	12,10,000	
2.	Metal-“Non-innocent” Ligand cooperation : A new exemplar for sustainable chemistry and ‘Green’ Energy Production”.	Dr. Dileep R & Dr. Anu Sukhdev	SoE/CHE	8,50,000	

Project Review Committee Recommendations.

1. All the above Presented Research Projects Proposals are **Approved** and Financial Assistance **Sanctioned** based on the merits of the Outcomes of the submitted Proposal.
2. The Sanctioned Projects shall start from **15th March 2022** and the duration will be of **Two Years** from the date of commencement of the Project.

Dr. Abdul Sharief

Dean SoE
R&I

Dr A M Surendra Kumar

Pro Vice – Chancellor

Dr. C S Ramesh

Dean

Dr. Muddu Vinay

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Dr. D Subhakar

Vice- Chancellor

Date: -26-02-2022

PROJECT PRESENTATIONS UNDER SEED GRANTS- MARCH-2022

Sl.No	Title of the Project	Name of the Faculty (Principal Investigator)	School/Dept.	Status
1.	Technology Enabled Decision Support Systems (DSS) for smart sustainable dwelling	Dr.. Jagdish H Godihal	SoE/Civil	In Progress
2.	Simulation Modelling for smart sustainable dwelling	Mr. Gopalkrishnan N	SoE/Civil	In Progress
3.	Sustainable construction material and methods for smart sustainable dwelling	Mr. Santhosh M B	SoE/Civil	In Progress
4.	Mechanical study and characterization of ZrO ₂ reinforced chilled A356 MMC	Dr. B S Praveen Kumar	SoE/MECH	In Progress
5.	Wear characterization of ZrO ₂ Reinforced chilled A356 MMC and Optimization using Taguchi technique	Dr Yuvaraja Naik	SoE/Maths	In Progress
6.	Development of ZnO ₂ reinforced chilled A356 MMC with Cryotreatment	Dr. Udaya Ravi M	SoE/Maths	In Progress
7.	Effect of 3D Graphene size on the mechanical and damping properties of nanoparticles filled DEGBA/TETA epoxy system	Dr Srinivas Reddy Dr Ranjith Kumar Reddy	SoE/PHY	In Progress

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8.	The effect of Green work life balance on employee engagement in higher education: the media mediating system of employee environment behaviour	Dr.Thriveni Kumari	SOM	In Progress
9.	Speech based access of agricultural commodities dealer information for efficient purchase of raw materials and sale of produces goods on Hindi/Kannada language	Dr. Arvind Kumar	SoE/ECE	In Progress
10.	Impact of the Covid 19 Pandemic on psychological wellbeing and mental health of workforce in kannada film industry	Dr. Savitha J	SOM	In Progress
11.	Investment in Sovereign gold bond scheme: A survey from Bangalore	Prof. Deepika Krishnan	SOM	In Progress
12.	Brain Controlled 3 D printed prosthetic arm	Dr. Divya Rani	SoE/ECE	In Progress
13	Speech Analysis of Language 2 (L2)Learners using Podcasts	Dr. Shibily Nuaman V Z	SoE/ENG	In Progress
14.	Friction Stir welding on polymers	Dr Ashish Srivastava	SoE/MEC H	In Progress
15.	Experimental study for assessing the use of alccofine modified expansive soil with waste plastic strips	Dr Madhavi T	SoE/CIVIL	In Progress

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16.	Experiment and Numerical Study for various thermal parameters on battery thermal management system using PCM	Dr Devendra Dandotiya	SoE/MEC	In Progress
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Project Review Committee Recommendations.

1. All the above Presented Research Projects Proposals Are **Approved** and Financial Assistance **Sanctioned** based on the merits of the Outcomes of the submitted Proposal.
2. An Amount of **Rs. 50,000** is sanctioned to each of the above presented Projects Proposals.
3. The Sanctioned Projects shall start from **15th March 2022** and the duration will be of **One Year** from the date of commencement of the Project.

Dr. Abdul Sharief

Dean SoE

Dr. C S Ramesh

Dean R&I

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