



APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

CET campus, Thiruvananthapuram - 695 016

Ph: 0471 2598122; Fax: 2598522 www.ktu.edu.in Email: university@ktu.edu.in

No. KTU/RESEARCH 2/4641/2020

Dated: 19.01.2021

From

The DEAN (Research)

To

The Principals of affiliated colleges

Sir/Madam

Sub:- APJAKTU-CERD- Scheme of Financial Assistance to Student Project -
Application Invited - Reg:-

Centre for Engineering Research and Development (CERD) of APJ Abdul Kalam Technological University invites proposals for financial assistance to innovative projects by Under Graduate students of Government, Aided and Government controlled Self Financing Colleges. Under Graduate students of Private Self Financing Colleges with atleast one NBA accredited Programme can also apply. The objective of this scheme is to provide financial assistance to Under Graduate students (a group of students of 7th semester B.Tech and 9th semester B.Arch) of affiliated Colleges under APJ Abdul Kalam Technological University. Based on the merits of the proposal, each project will be eligible for a maximum assistance of Rs 50,000/-. **The Heads of Institutions shall make a primary vetting of the Student Project proposals received in their Institutions as to their feasibility and relevance before forwarding them to the University.** The scanned copy of the signed documents of the selected projects may be sent to the email sp@ktu.edu.in from the institutional mail id. No individual applications will be entertained.

The details of the scheme and Application format are available in University website www.ktu.edu.in. I request you to give wide publicity for the scheme among the students of your institution and motivate the students to undertake innovative projects. The last date for receipt of proposals is **20.02.2021**.

Thanking you,

Yours faithfully

Dr. Shiny G *

DEAN (Research) in Charge
(For The DEAN (Research))

Copy To

Principals of all affiliated Colleges



* This is a computer system (Digital File) generated letter. Hence there is no need for a physical signature.





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No. KTU/ASST1(ACADEMIC)/6689/2019

Dated: 31.10.2019

CIRCULAR

Sub:- APJAKTU -Academic- KSCSTE-students project scheme -
applications called for - Reg.

Ref :- KSCSTE/1946/2019-SP dated 15/10/2019

Vide ref above, I am enclosing herewith a letter from the Executive Vice President, Kerala State Council for Science & Environment . You are directed to circulate this among students and faculty members of your college.

DEAN (Academic)

Dr. J. SREEKUMAR *

Dean (Academic)

To

1. The Principals of all affiliated Colleges

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**Kerala State Council for Science
Technology & Environment**

Sasthrabhavan, Pattom P.O

Thiruvananthapuram-695 004, Kerala, India

Ph : +91471-2543557 (Direct), Fax : +91 471-2540085

Official Email : evpkscste.std@kerala.gov.in



*Dean, Academics
for wide circulation*

among colleges, the post in website

21/10/19

**Prof. (Dr) K.P. Sudheer
Executive Vice President**

No: KSCSTE/1946/2019-SP

15/10/2019

Dear Sir,

Sub: KSCSTE- Student project scheme- call for applications-reg.

I am sure that you are aware about the Student Project scheme of Kerala State Council for Science, Technology and Environment (KSCSTE) which is aimed to provide financial assistance to students enrolled in professional courses (Graduate and Post Graduate) and Science Post Graduate Courses in colleges and university departments to carry out innovative science and technology projects. During 2019-'20, the Department of Science and Technology, Govt. of India has also offered financial assistance to the scheme to support 500 projects in a year.

In this regard, I would like to request you to kindly circulate the information to different departments, academic institutions under your varsity and encourage eligible students and faculty members to submit applications. The applications should be submitted online on or before **November 11, 2019**. More details regarding the scheme is available on www.kscste.kerala.gov.in.

Yours sincerely,

K P SUDHEER

To,

Dr.Rajasree M S
Vice Chancellor
APJ Abdul Kalam Technological University
CET Campus, Thiruvananthapuram,Kerala -695016

DR (Acad)

*pls see the direction of Hon'ble VC
and do the n-A*

*21/10/19
Dean (A)*



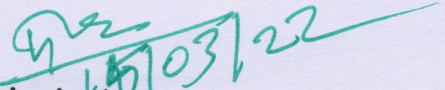
Minutes and Action taken report HOD Meeting 16.06.2021				
Sl. No	Details of discussion and decisions	Target date	Action	Remarks
1	NBA pre-qualifier and SAR dates EC and EI			SAR submitted on 23.09.2020 Fee paid on 28.09.2020 Proposed visit dates revised 1. 21/05/2021 2. 28/05/2021 3. 04/06/2021 4. 25/06/2021 5. 16/07/2021
2	S6 - Internal exam (Syllabus coverage)	17th, 18th and 19th June		Modules 3 & 4 - Syllabus
3	Ranking and benchmarking - initiatives for college.		CS HoD	QS I-GAUGE E-LEARNING EXCELLENCE FOR ACADEMIC DIGITISATION (E-LEAD) - HoD CS to explore the possibility of certification.
4	Additional responsibilities of Dr. Sampath - Taking over			Identified persons for take over - details available at https://docs.google.com/spreadsheets/d/1aSJhkc1Ltnb3b-mUWkM-Y2BeD9kY9hCc5Pz2qVIf7iw/edit?usp=sharing
5	Internal exam 1 - S2, S4 and M2	1st, 2nd and 5th July 2021		2.5 modules
6	S6 lab internal lab exams	To be conducted online before 30.06.2021.	All concerned faculty.	

7	S8 Last working day	19.06.2021		As per KTU published academic calendar
8	S8 ESE - Timetable and arrangements			Timetable and instructions to students and faculty finalized. QP to be approved by IQAC member and HoD
9	S8 Project assessment dates	To be conducted between 9th and 15th June 2021		Project evaluation Google Meet recordings to be preserved.
10	HoDs have suggested to give the fee payment details classwise in the google sheet for the ease of identification of the students.		Accounts officer	
11	S3 Text book requirements from depts	30.06.2021	HoDs	
12	Lab to Home (Lab kit for S3 students to conduct essential electronics lab experiments at home)		Dean Academics	The following team is constituted to explore the viability of the project by studying the syllabus and the cost of electronic components. <ol style="list-style-type: none"> 1. Dr. Roshini TV 2. Mr. Shinu MM 3. Ms. Tintu George 4. Mr. Joby Joseph 5. Mr. Thomas MS 6. Mr. Prakash James

NOTICE**Sub: Research and Project Grants for Students**

The Innovative Research Promotion scheme (IRPS) envisages providing financial assistants to students of Vimal Jyothi Engineering College for their innovative final year project.

Project proposal are invited from the final year B. Tech students for financial assistance in the attached format. Proposal shall be submitted to the respective HODs on or before 25.03.2022.



Principal 15/03/22

Encl : Project proposal form

Distribution:

1. The Manager
2. The Bursar
3. The Asst. Manager
4. All HOD's
5. All Noticeboards

For kind information


15/3/22 -

VIMAL JYOTHI ENGINEERING COLLEGE, KANNUR

Amount received details under IRPS - 2022 - List of Selected projects

Name of the Project/ Endowments, Chairs	Name of the students	Guide Name	Department of guide	Year of Award	Amount Sanctioned (INR)	Amount Received	Project status
Automatic waste sorting machine for parks	shahin Gafoor, nivedh	Dr.Sreekanth	Mechanical	2021-22	10000	NO	Completed
Synthesis and charecterization of bamboo leaf ash reinforced aluminium composites	Aju thomas, Arjun Babu, Dhanyan, Faisal	Dr.sivaprased	Mechanical	2021-22	10000	NO	Completed
Real time vital analyzation system and gesture navigation for disabled people	Abhijith , anusree, Immanual, Sanitha	Ms.divya K	CSE	2021-22	5000	YES	Completed
Machine learning based waste segregation system for mixed waste	Nived raj, jinto jose, thejes	Ms.divya K	CSE	2021-22	5000	YES	Completed
direction for fuel adultaration in automobiles	Aryananda, Namrutha raj, unnimaya, meriyam	Mr.Abdul latheef	CSE	2021-22	2500	YES	Completed
Blind assistance using artificial intelligence	anamika prasanth, nihtal manoj	Ms.divya K	CSE	2021-22	2500	YES	Completed
An IoT based smart helmet for miners	abin babu, Ashique Prem, Deekshith	Ms.Namitha	CSE	2021-22	2500	YES	Completed
Analysing system for bowling in cricket	anagha, Krishna priya, Karthik, sreelakshmi	Ms.Deroll David	CSE	2021-22	2500	YES	Completed
Dry hand sanitizer and health check up machine	abin mathew, jeevan nobins, sree roop, sebin	Mr.binil kumar	ECE	2021-22	10,000	YES	Completed
Smart dustbin using IoT	Yethul Sidhart, anjali mathew, Nufaalla, Anusree	Ms.Shimna	ECE	2021-22	10,000	YES	Completed
Flood landslide prediction using cloud computing	Amal lukose, sharan rathnakumar, Nandakishore	Ms.tintu George	EEE	2021-22	10000	YES	Completed
Home energy management systems	Athul dhas, Jithin raj, Mhd.Jazeel, Rahul das	Mr.jijo joseph	EEE	2021-22	10000	YES	Completed
Development of fertile egg detection and incubation system using image processing and automatic handling	aswin chand, Binishith babu, Sebastian jacob	Mr.Shinu	AEI	2021-22	10000	YES	Completed
Fall detection and early diagonasis system	Sneha jose, Sanjay, athul	Dr.Glan Deva Dhas	AEI	2021-22	10000	YES	Completed

VIMAL JYOTHI ENGINEERING COLLEGE, KANNUR

Amount received details under IRPS - 2023 - List of Selected projects

Name of the Project/ Endowments, Chairs	Name of the students	Guide Name	Department of guide	Year of Award	Amount Sanctioned (INR)	Amount Received
Design and development of smart cradle	Joel Mathew, abhinav KT, Vyshakh M, albin abraham,	Mr.Anoop	Mechanical	2022-23	10000	No
Tribological behaviour and mechanical properties of MG based composites for bio medical applications	Sourabh Sugathan, Rithin Manu, Abraham syresh, Sayanth	Mr.Appu Kuriyan	Mechanical	2022-23	10000	No
Accident detection using CCTV and emergency support	Ambili jacob, anamika prakash, Muhsina Musthafa Rose, Mariya joy	Mr.Abhiram	CSE	2022-23	4000	No
Crash detection and blind spot alert and safe distance calculation for rear end collision	Achal dev, Harold prakash sanand chandran shijas	Dr.Jeethu V Devasaia	CSE	2022-23	8000	No
Wild animals detection	Anupama KV, Annapoorna KK, Athira das	Ms.Suhada	CSE	2022-23	8000	No
Autonomous drone for the delivery of pharamaseuticals	Muhammed rashid,swathi lakshmi, Abdul Basith, Anusree	Ms.Grace John	ECE	2022-23	10000	No
ROBO Leach Longitudinally extensible continuum robot	Shreya deep, Anand Amal Promod Geoffin Sajjan Martin P thomas	Dr.Jayesh George	ECE	2022-23	10000	No
Autonomous under water vehicle	Aleena Jaison, amritha, Kiran Joseph, Noyal Joseph	Ms.Shelma Georg	EEE	2022-23	20000	No
A smart driver monitoring system using rasperi PI	Aljo John, Anjo Mathew, Aswin j Prased, Aswin thomas	Ms.Reshma	AEI	2022-23	13,000	No

Automatic pollution detection in vehicles	Mohammed raheel, Salvin Jose, Sreehari, Sileep	Ms.Jinsa Mathew	AEI	2022-23	10,000	No
Comparision study on removal efficiency of constructed wetland using plants	Adithya raj, Aswathi, Rohith anagha Mohan	Ms.Athira Rajendran	CE	2022-23	5000	No
Flood vulnerablity assessment using GIS Sreekandapuram Municipality and Payyavoor village	Anusree ramakrishna, Abhijith jayan akarsh M aiswarya Vaisanavi suresh	Ms.Rinnet Francic	CE	2022-23	5000	No
Removal of Cd,NH4 and NO3 from contaminated water using coconut shell woodchips and water hyacinth biochars	Treesa wilson Antus sunny anura Balakrishnan Karthi	Mr.Rojin	CE	2022-23	10000	No