



Sl.No.	Faculty Name	Title	Funding Agency	Year of Sanction	Amt. in Rs
1	Dr K Kumar	Sustainable energy generation by biofuel cell from septic tank	Karnataka State Council for Science and Technology (KSCST)	2017	7000
2	Dr K Kumar	Study on the corrosion behavior of marine engine alloy using C263 for high temperature sulfidation	DRDO, GATET	2016	975000
3	Mr.Sanath Kumar	Encroachment of raja kaluve in bangalore city using GIS and RS	Karnataka State Council for Science and Technology (KSCST)	2017	4000
4	Dr K Kumar	Aquifer mapping, monitoring and analysis	Karnataka State Council for Science and Technology (KSCST)	2018	4000
5	Dr K Kumar	Pilot plant study for sustainable energy generation in septic tank using biofuel cell	Karnataka State Council for Science and Technology (KSCST)	2018	10000
6	Mrs Chaitra DM	Effects of curing temperature on strength properties of concrete	VTU	2018	5000
7	Mrs Vidyashree M	Study on the interface stress development due to different soil interaction with the concrete structure (pipeline)	VTU	2018	5000
8	Dr K Kumar	Study on the corrosion assessment and mitigation methods of concrete infrastructure	AICTE, AQIS	2018	1705000

		GAS TURBINE RESEARCH ESTABLISHMENT Research & Development Organization Ministry of Defence Post Box No. 9302, C.V. Raman Nagar Bangalore – 560 093, INDIA
		TEL (OFF): 91-80-2504 0076 Our Ref: GTRE / GATET / CS33 / 1617 / 114 / 16 / 01 FAX : 91 – 080 – 2524 1507 Date: 30 –11 –16

To

Dr. K. Kumar
 Nagarjuna College of Engineering and Technology,
 Bangalore.

SANCTION OF A PROJECT UNDER GATET

I am happy to inform you that your project proposed under the Gas Turbine Enabling Technology (GATET) Initiative has been sanctioned by the Executive Board. Many congratulations to you and I highly appreciate your keenness to participate in this initiative.

2. Under the powers vested in the Gas Turbine Enabling Technology (GATET) Initiative vide Govt. of India, Ministry of Defence letter No. DARO/08/1102063/M/1/3078/D (R&D) dated 8th October 2009, as amended from time to time, I am directed to convey the sanction of the Executive Board – GATET during its 23rd Meeting for the following project.

TITLE OF THE PROJECT : “Experimental Study on the Corrosion Behavior of Marine Gas Turbine Alloy using C263 for High Temperature Sulfidation”

TOTAL AMOUNT SANCTIONED : 9.75 Lakhs (Nine Lakhs Seventy Five Thousand Only)

3. Total sanctioned funds for the project is **Rs. 9.75 Lakhs**. However, the same is subject to revision based on performance and review. The head-wise break-up is given below:

Sl. No.	Head	Amount of Fund (in Lakhs)
i)	Manpower	1.50
ii)	Special Equipment	5.50
iii)	Consumables	1.00
iv)	Contingencies	0.40
v)	TA/DA	0.60
vi)	Others (including overheads)	0.75
	Total	9.75

Grand Total **Rs. 9.75 Lakhs**

...2/-



Dr K Kumar had submitted a research project to **DRDO GATET** entitled “Study on the corrosion behavior of marine engine alloy using C263 for high temperature sulfidation” in the academic year 2016-2017 and received Grant of Rs 975000/-.

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
Indian Institute of Science Campus, Bengaluru 560012

LIST OF BE BIOFUEL PROJECTS SANCTIONED UNDER 40th SERIES OF STUDENT PROJECT PROGRAMME: 2016-2017

23) NAGARJUNA COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU

Sl. No.	Proj. proposal Ref. No.	TITLE OF THE PROJECT	BRANCH	NAME OF THE GUIDE/S	STUDENT1 & TEAM LEADER	Sectioned Amount(Rs)
33.	40S_B_BE_001	EXPERIMENTAL STUDY OF REDUCTION OF Nox EMISSION OF BIODIESEL FUELLED DIESEL ENGINE USING UREA INJECTION	MECHANICAL ENGINEERING	DR. N. KAPILAN	MR. SANDEEP R	5,000.00
34.	40S_B_BE_059	SUSTAINABLE ENERGY GENERATION BY BIOFUEL CELL FROM SEPTIC TANK	CIVIL ENGINEERING	DR. K. KUMAR	MS. YOGASHREE G.	7,000.00

Under the guidance of Dr K Kumar, Professor Civil Dept. UG students Ms Yogashree and Team had submitted final year student project to **Karnataka State Council for Science and Technology (KSCST)** entitled “Sustainable energy generation by biofuel cell from septic tank” in the academic year 2016-2017 and received Grant of Rs 7000/-.

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru - 560012

LIST OF B.E. PROJECTS SANCTIONED UNDER 40th SERIES OF STUDENT PROJECT PROGRAMME: 2016 - 2017

78) NAGARJUNA COLLEGE OF ENGINEERING AND TECHNOLOGY DEVANAHALLI

Sl No.	Project proposal Ref. No.	TITLE OF THE PROJECT	BRANCH	NAME OF THE GUIDE/S	STUDENT1 & TEAM LEADER	SANCTIONED AMOUNT (Rs.)
319)	40S_BE_1688	ENCROACHMENT OF RAJA KALUVE IN BANGALORE CITY USING GIS AND RS	CIVIL ENGINEERING	PROF. SANATH KUMAR K R	MR. RAGHAVENDRA M	4,000.00
320)	40S_BE_1175	PLATWALKFORM - TECHNIQUES WHICH BRINGS SKYWALK TO PLATFORM IN RAILWAY STATION	COMPUTER SCIENCE AND ENGINEERING	DR. SHANTAKUMAR PATIL	MR. KISHAN K S	5,500.00
321)	40S_BE_1176	VEHICLE THEFT AVOIDANCE AND DETECTION USING DTM,F AND ANDRIOD	ELECTRONICS AND COMMUNICATION ENGINEERING	PROF. ROOPA G	MR. MURALIDHARA B V	7,000.00
322)	40S_BE_1174	INTELLIGENT WSN INTERCEPTOR FOR VEHICLE	INFORMATION SCIENCE AND ENGINEERING	PROF. MAMATHA C M	MR. PRAVEEN KUMAR G	2,500.00

Under the guidance of MrSanath Kumar, Assoc Professor Civil Dept. UG studentsMrRaghavendra and Team had submitted final year student project to **Karnataka State Council for Science and Technology (KSCST)** entitled “Encroachment of raja kaluve in bangalore city using gis and rs”in the academic year 2016-2017 and received Grant of Rs 4000/-.

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

Website: <http://www.kscst.iisc.ernet.in/spp.html> || Email: spp@kscst.iisc.ernet.in || Phone: 080-23600978

LIST OF PROJECTS SANCTIONED UNDER THE 41ST SERIES OF STUDENT PROJECT PROGRAMME: 2017-18

82. NAGARJUNA COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU

PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	DEGREE	NAME OF THE GUIDE	NAME OF THE TEAM LEADER	SANCTIONED AMOUNT (In Rs.)
307.	41S_BE_1821	AQUIFER MAPPING, MONITORING AND ANALYSIS	CIVIL ENGINEERING	Mr. SANATH KUMAR K R	Mr. RAKESH P R	4000.00
308.	41S_BE_1828	EARTHQUAKE BED USING IOT FOR HUMAN PROTECTION	COMPUTER SCIENCE AND ENGINEERING	Dr. SHANTAKUMAR PATIL	Mr. VIKYATH N	3500.00
309.	41S_BE_2493	PREVENTION OF ACCIDENTS CAUSED BY POTHoles AND HUMPS USING ULTRASONIC SENSORS	COMPUTER SCIENCE AND ENGINEERING	Prof. B.ROOPASHRI TANTRI	Ms. RAMYA P L	3000.00

Under the guidance of MrSanath Kumar, Assoc Professor Civil Dept. UG studentsMrRakesh PR and Team had submitted final year student project to **Karnataka State Council for Science and Technology (KSCST)** entitled “Aquifier mapping, monitoring and analysis”in the academic year 2017-2018 and received Grant of Rs 4000/-.

Karnataka State Council for Science and Technology,

Indian Institute of Science Campus, Bengaluru 560012

LIST OF BE BIOFUEL PROJECTS SANCTIONED UNDER 41st SERIES OF STUDENT PROJECT PROGRAMME: 2017-2018

23. NAGARJUNA COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU

Sl. No.	Proj. proposal Ref. No.	TITLE OF THE PROJECT	BRANCH	NAME OF THE GUIDES	STUDENT1 & TEAM LEADER	Sanctioned Amount (Rs.)
29.	41S_B_BE_042	PILOT PLANT STUDY FOR SUSTAINABLE ENERGY GENERATION IN SEPTIC TANK USING BIO-FUEL CELL	CIVIL ENGINEERING	Dr.K.KUMAR	MAYANA ISMAIL KHAN	10000.00

Under the guidance of MrSanath Kumar, Assoc Professor Civil Dept. UG studentsMrMayana I Khan and Team had submitted final year student project to **Karnataka State Council for Science and Technology (KSCST)** entitled "Pilot plant study for sustainable energy generation in septic tank using biofuel cell" in the academic year 2017-2018 and received Grant of Rs 10000/-.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
 ವಿವಿವರಯಾ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ
 "Jnanam Satho Vidya" (ಜ್ಞಾನಂ ಸಾಥೋ ವಿದ್ಯಾ) | Karnataka, INDIA
 Dr. H. N. Jagannatha Reddy, Vice-Chancellor

Phone: 0811-2551111
 Fax: 0811-2551112
 Email: vtunotes@vtu.ac.in
 Website: www.vtu.ac.in

Registrar
 Ref No.: VTU/Aca/2017-18/ 6302. Date: 18 JAN 2018

Circular

By the directions of the Hon'ble Vice Chancellor, I am pleased to inform you that, the University shall provide Financial Assistance to the deserving projects of Under Graduate final year students.

The following are the salient features of the proposed assistance

1. The Financial Assistance shall be for the projects of Under Graduate final year students only. A sum of Rs.5,000/- (Rupees Five Thousand only) per project with a maximum of Two projects per branch / programme shall be given by the University.
2. The Financial Assistance shall be available for all branches at Under Graduate level.
3. The top two deserving projects (in each branch) shall be chosen by a committee in each college.
4. The college shall form the committees (Branch wise) and the composition shall be as follows
 - i) Principal Chairman
 - ii) HoD of the respective branch Member
 - iii) Three Subject experts / Senior Professors/ Industrialists as deemed fit by the Institution in each branch.

You are requested to send the details of the number of branches (UG) and the monetary demand to this effect on or before 10-02-2018.

A detailed report on the adjudication and the students chosen may be sent to the undersigned at the end of the semester.

[Signature]
Registrar 18/1/18

To
 All the Principal's
 of VTU affiliated Colleges.

Copy for information to:
 The Secretary to VC, VTU, Belagavi.
 The Finance Officer, VTU, Belagavi.

Sl No	Title	Dept	Members	USN	Guide	Budget (Rs.)	Fund requested in Rs.
1	Effect of curing temperature on strength properties of concrete.	CV	Madan M N Prasanna Kumar S Sagar S Samartha B	1NC14CV068 1NC14CV098 1NC14CV117 1NC14CV119	Mrs. Chaitra D M	20,860.00	5,000.00

Under the guidance of Mrs Chaitra DM, Assistant Professor Civil Dept. UG students Mr Madan and Team had submitted final year student project to VTU entitled "Effects of curing temperature on strength properties of concrete" in the academic year 2017-2018 and received Grant of Rs 5000/-

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
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 "Jnanam is the ultimate goal of Education" Knowledge is the Power - INDIA
 Dr. H. N. Jagannatha Reddy, Vice-Chancellor

Registrar
 Ref No.: VTU/Aca/2017-18/ ೨೩೦೩. Date: 18 JAN 2018

Circular

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 - i) Principal Chairman
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You are requested to send the details of the number of branches (UG) and the monetary demand to this effect on or before 10-02-2018.

A detailed report on the adjudication and the students chosen may be sent to the undersigned at the end of the semester.

[Signature]
Registrar

To
 All the Principals
 of VTU affiliated Colleges.

Copy for information to:
 The Secretary to VC, VTU, Belagavi.
 The Finance Officer, VTU, Belagavi.

2	Study on the interface stress development due to different soil interaction with the concrete structure	CV	Deepak Kumarbrajesh Kumar Roy Avi Kumar Shuvam Kumar Shukla	INC14CV030 INC14CV022 INC14CV109 INC14CV124	Mrs. Vidyashree. M	10,600.00	5,000.00
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Under the guidance of Mrs Vidyashree M , Assisntant Professor Civil Dept. UG students Mr Deepak and Team had submitted final year student project to VTU entitled "Study on the interface stress development due to different soil interaction with the concrete structure (pipeline) "in the academic year 2017-2018 and received Grant of Rs 5000/-.

Dated: 4 January 2019

F.No 8-25/RIFD/RPS/Policy-1/2017-18

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org



RPS - Sanction Order

To

The Drawing and Disbursing Officer
All India Council for Technical Education
Nelson Mandela Marg,
Vasant Kunj, New Delhi-110070.

Sub : Release of a sum of Rs. 1679425/- being the 1st installment of the total grant of Rs. 1705000/- for conduct of Project under Research Promotion Scheme (RPS) during the financial year 2018-19.

Sir,

This is to convey the sanction of the Council for payment of Rs. 1679425/- (Rupees Sixteen Lakh Seventy Nine Thousand Four Hundred Twenty Five only) as 1st installment out of a total approved grant-in-aid of Rs. 1705000/- for conduct of a Project under the Research Promotion Scheme (RPS), as per details given below:-

- I. Name and address of the Beneficiary Institution (University / College / Institution) : NAGARJUNA COLEGE OF ENGINEERING & TECHNOLOGY
MUDUGURKI
VENKATAGIRI KOTE
DEVANAHALLI BANGALORE RURAL
BENGALURU- 562110
- II. Principal Investigator's Name & Dept./Course : Dr. KUMAR K CIVIL ENGINEERING
- III. Grant-in-aid Sanctioned : Rs. 1705000/- (Rs. 1449250/- for non-recurring and Rs. 255750/- for recurring expenditure)
- IV. Grant-in-aid Released as 1st instalment during the year 2018-19 : Rs. 1679425/- [(Rs. 1449250/- Full amount of non-recurring)+(Rs. 230175/- 90 % of recurring sanctioned)]
- V. Duration : 3 Years
- VI. Title of the Project : Study on the corrosion assessment and mitigation methods for concrete infrastructures.

Terms and conditions

I. General:

1. The sanctioned grant-in-aid is debitable to the major "601.1(a) (RPS)" Gen. and is valid for payment during the financial year 2018-19.
2. The grant-in-aid shall be drawn by the Drawing and Disbursing Officer (DDO), All India Council for Technical Education, New Delhi on the Grants-in-aid bill and shall be disbursed to and credited to the Registrar/Director/Principal of NAGARJUNA COLEGE OF ENGINEERING & TECHNOLOGY through RTGS/PFMS.
3. The grantee institution shall open a separate account in a Bank to keep and maintain grant-in-aid released under Research Promotion Scheme. This would enable to keep a track of funds received, drawn by the Institute, interest earned.
4. The accounts of the grantee will be opened for test check by the Council or Comptroller & Auditor General of India or by any officer designated by them.
5. The Principal and PI of the institute are requested to verify the correctness of the under mentioned bank account/RTGS/PFMS details submitted by them along with the Proposal, in which the grant is being released. In case of any omission/deletion, the same should be reported to AICTE immediately along with refund of entire grant:-

AQIS Application Id: 1-3568784164

Page No: 1

Dr K Kumar had submitted a research project to AICTE, AQIS entitled "Study on the corrosion assessment and mitigation methods of concrete infrastructure" in the academic year 2018-2019 and received Grant of Rs 1750000/-.

