



MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING

(An ISO 9001:2015 Certified Institution)

(A unit of Rajalaxmi Education Trust®, Mangalore)

Badaga Mijar, Moodabidri-574225, Karnataka

3.1.3 Supporting Document from Funding Agency

Overview of Grant Received from Government and Non-Government Agencies

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Principal

Mangalore Institute of Technology & Engineering
Badaga Mijar, MOODABIDRI - 574 225



MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING

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Badaga Mijar, Moodabidri-574225, Karnataka

Grants received from Government and non-governmental agencies for research projects, endowments in the institution during the last five years

Sl. No.	Name of the Project/ Endowments, Chairs	Name of the Funding Agency	Department of the Principal Investigator	Year of Award	Amount Sanctioned in Lakhs	Page No.
List of Grant received for Research Projects from Government Agencies						
1	Technology Aided Agriculture Optimization--Phase-2	Vision Group on Science and Technology, Government of Karnataka	Computer Science & Engineering	2019-20	20	2
2	Fabrication of Graphene/Bio-waste based Hybrid System as Flexible and High Performance supercapacitors	Technical Education Quality Improvement Programme Cell, VTU, Government of India	Physics	2019-20	2	3-4
3	Quality Improvement & Up-Gradation of the Existing Fish Meal and Fish Oil Industries and Extraction of Bio-diesel & Fishnure in Ecofriendly Environment from Their Products	Karnataka Council For Technological Upgradation, Government of Karnataka	Mechanical Engineering, Aeronautical Engineering	2018-19	21	5-6
4	A Study on Enhancement of Efficiency of Solar Cell by Various Modification Techniques and Synthesis/Characterization of NLO Materials -Phase-3	Vision Group on Science and Technology, Government of Karnataka	Physics	2018-19	20	7-10

Sl. No.	Name of the Project/ Endowments, Chairs	Name of the Funding Agency	Department of the Principal Investigator	Year of Award	Amount Sanctioned in Lakhs	Page No.
5	Sustainable Grey Water Management System using Phytoremediation Technique	Vision Group on Science and Technology, Government of Karnataka	Civil Engineering	2018-19	5	11-12
6	A Study on Enhancement of Efficiency of Solar Cell by Various Modification Techniques and Synthesis/Characterization of NLO Materials-Phase-2	Vision Group on Science and Technology, Government of Karnataka	Physics	2016-17	20	13-15
7	Technology Aided Agriculture Optimization-Phase-1	Vision Group on Science and Technology, Government of Karnataka	Computer Science & Engineering	2015-16	20	16-17

Sl. No.	Name of the Project/ Endowments, Chairs	Name of the Funding Agency	Department of the Principal Investigator	Year of Award	Amount Sanctioned in Lakhs	Page No.
List of AICTE Grant received under the scheme Modernization and Removal of Obsolescence						
1	Modernisation of Aircraft Structures Lab with advanced vibrations test and nano-materials (MODROB)	All India Council for Technical Education -New Delhi	Aeronautical Engineering	2019-20	14.96078	18-21
2	Modernization of Material Testing Lab (MODROB)	All India Council for Technical Education -New Delhi	Mechanical Engineering	2018-19	13.57	22-24

Sl. No.	Name of the Project/ Endowments, Chairs	Name of the Funding Agency	Department of the Principal Investigator	Year of Award	Amount Sanctioned in Lakhs	Page No.
Grant received under the scheme Providing support for Entrepreneurial and Managerial Development of Micro, Small and Medium Enterprises, Government of India						
1	Business Incubator	Ministry of Micro, Small & Medium Enterprises, Government of India	Civil Engineering	2019-20	65	25-31

Sl. No.	Name of the Project/ Endowments, Chairs	Department of the Principal Investigator	Year of Award	Amount Sanctioned in Lakhs	Page No.
List of Grant received for New Age Incubation Network through Karnataka Innovation & Technology Society, Department of Information Technology, Biotechnology and Science & Technology, Government of Karnataka					
1	Instant NPK Analyser	Chemistry	2019-20	2.45	32-33
2	Areca Sprayer	Computer Science & Engineering		2.33	
3	Godsend: A helping hand at times you need			2.55	
4	The Food Ambulance			2.657	
5	Agua- Smart Bottle	Electronics & Communication Engineering, Mechatronics Engineering		2.46	

Sl. No.	Name of the Project/ Endowments, Chairs	Department of the Principal Investigator	Year of Award	Amount Sanctioned in Lakhs	Page No.
6	Medical Emergency Drone	Mechanical Engineering	2019-20	2.59	33
7	Polarised Wind Sheild Glass for Vehicles			2.69	34
8	Airit			2.72	
9	Dehusking & Segregation of Arecanuts	Mechatronics Engineering		2.682	
10	TouchReno: Home Renovation App	Computer Science & Engineering		2.398	
11	Quadcopter in Agriculture	Computer Science & Engineering	2018-19	2.74	35-36
12	Lifeline: Portable Device that Detects Various Health Problems			2.12	
13	Agrobox			2.85	
14	Walktron: Piezo-Electric Shoe	Electronics & Communication Engineering		2.75	
15	Kitchen Yantra: SCHSA System			2.35	
16	Rakshak: Smart Safety Locket			1.95	
17	Home Chef	Information Science & Engineering		1.565	
18	Vajra Technomobiles	Mechanical Engineering		2.95	
19	Agrobased Automatic Neera Tapping machine			1.85	

Sl. No.	Name of the Project/ Endowments, Chairs	Department of the Principal Investigator	Year of Award	Amount Sanctioned in Lakhs	Page No.
20	AreKlimber	Mechatronics Engineering	2018-19	2.15	36

Sl. No.	Name of the Project/ Endowments, Chairs	Department of the Principal Investigator	Year of Award	Amount Sanctioned in Lakhs	Page No.
List of Grant received for Innovative Projects through Karnataka State Council for Science and Technology, Government of Karnataka					
1	Design and Modelling of a Vertical Axis Wind Turbine to Extract Wind Energy from Highways to Power Electric Vehicle Charging Stations	Aeronautical Engineering	2019-20	0.075	37-38
2	Antropotechnique Smart Vermi Bin for Sustainable Solid Waste Management	Civil Engineering		0.045	39-40
3	Groundwater Utilization and Its Environmental Sustainability in Coastal Aquifers			0.04	41-42
4	A Study on Basalt Fibre Reinforced Composite Structural Panels as Alternative Building Material			0.04	43-44
5	Experimental Investigation on Paver Blocks by Partial Replacing Cement by Lead Slag, Sand by M-Sand, with Addition of Waste Plastic Bags			0.045	45-46

Sl. No.	Name of the Project/ Endowments, Chairs	Department of the Principal Investigator	Year of Award	Amount Sanctioned in Lakhs	Page No.
6	Generation of Photo Realistic Images Using GAN and Spade	Computer Science & Engineering	2019-20	0.03	47-48
7	Automated Still Water Trash Collecting Boat			0.04	49-50
8	Automatic Headlamp Control using Microcontroller	Electronics & Communication Engineering		0.055	51-52
9	Speed Breaker Detection and Accident Avoidence	Electronics & Communication Engineering		0.06	53-54
10	Intelligent Wiper System			0.05	55-56
11	DeDuplication in Cloud	Information Science & Engineering		0.02	57-58
12	Concentrating Solar Power Using Fresnel Lens with Internet of Things	Mechanical Engineering		0.05	59-60
13	Fabrication of Biodegradable Composite Laminate and Minimization of Delamination using Cenosphere as Filler	Mechanical Engineering		0.05	61-62
14	Remote Operated Arecanut Plucking and Spraying Machine			0.065	63-64
15	Utilization of Waste Plastic and Waste Paper in Manufacturing of Roof Tiles			0.05	65-66
16	Design and Development of a Concept for Enhancing the Production of Biodiesel from Fish Oil and Waste Fish Oil Wax			0.06	67-68
17	Converting Salt Water to Fresh Water using Solar Desalination Technique	Mechatronics Engineering			0.07

Sl. No.	Name of the Project/ Endowments, Chairs	Department of the Principal Investigator	Year of Award	Amount Sanctioned in Lakhs	Page No.
18	Automatic Beach Cleaning Robot	Mechatronics Engineering	2019-20	0.07	71-72
19	Carbon Extraction from Atmosphere			0.07	73-74
20	Designing Sustainable Marketing Strategies for the Biogas (Methane) Extracted from Organic (Vegetable) Biodegradable Waste for the Rural Population of Dakshina Kannada and Udupi Districts of Karnataka	Master of Business Administration		0.04	75-76
21	Study on Opportunities and Challenges to Commercialise Biodegradable Products in Dakshina Kannada and Udupi Districts of Karnataka			0.04	77-78
22	Study of Tensile, Impact and Vibrational Characteristics of Hybrid Polymer Matrix Composites	Aeronautical Engineering	2018-2019	0.065	79-80
23	Fabrication of Hybrid Composite by Natural Fiber and Evaluation of its Mechanical Properties			0.05	81-82
24	Design of Autonomous Unmanned Aerial Vehicle With Self Obstacle Detection and Collision Avoidance			0.08	83-84
25	Extraction of BioDiesel from Microalgae			0.065	85-86

Sl. No.	Name of the Project/ Endowments, Chairs	Department of the Principal Investigator	Year of Award	Amount Sanctioned in Lakhs	Page No.
26	Experimental Studies on Lateritic Soil Stabilization using Waste Engine Oil and Lime	Civil Engineering	2018-19	0.03	87-88
27	Progress of Salt Water Intrusion with Varying Climatic Conditions and Ground Water Table in the Coastal Belt of Mangalore			0.04	89-90
28	Low Cost IoT Based Plant Phenotyping System	Computer Science & Engineering		0.06	91-92
29	Smart Helmet for Accident Detection for Rider Safety	Electronics & Communication Engineering		0.08	93-94
30	Wireless Charging System for Electric Vehicle			0.06	95-96
31	Power Generation of Wasted Energy of Moving Vehicle Using Speed Breaker			0.04	97-98
32	Early Detection of Pest in Agriculture using Image Processing			0.055	99-100
33	Automatic Automotive Gear Prediction System			0.07	101-102
34	Multipurpose Machine for Arecanut Farming	Mechanical Engineering		0.09	103-104
35	Tender Coconut Quality Detector and Automatic Cutter using Image Processing and Artificial Intelligence			0.05	105-106
36	Design and Development of Fuel less Water Pump			0.07	107-108

Sl. No.	Name of the Project/ Endowments, Chairs	Department of the Principal Investigator	Year of Award	Amount Sanctioned in Lakhs	Page No.
37	Design and Development of Agricopter Drone	Mechanical Engineering	2018-19	0.065	109-110
38	Multipurpose Water and Fertilizer Sprayer Plating Machine			0.07	111-112
39	Fully Automated Solar Grass Cutter			0.07	113-114
40	Design and Fabrication of Oil Skimmer			0.07	115-116
41	Automated Seed Sowing Machine with Water and Fertilizer Sprayer			0.06	117-118
42	Extraction and Optimization of Biodiesel from Different Breeds of Cattle Urine and Analysis of its Performance Characteristics using 4-Stroke Single Cylinder Compression Ignition Engine			0.06	119-120
43	Extraction of Bio-Diesel from Waste Fish Oil Wax			0.08	121-122
44	A Study on Performance and Emission Characteristics of Ci Engine Using Nano Particles (Zno, Al ₂ O ₃ , Graphene) Blended with Diesel-Dws Biodiesel-Ethanol Blends	Mechatronics Engineering	2018-19	0.095	123-124
45	Production of Ink and Paint Products from Internal Combustion Engine Exhaust Soot			0.075	125-126
46	Design and Implementation of Hybrid Electric Transmission System			0.09	127-128

Sl. No.	Name of the Project/ Endowments, Chairs	Department of the Principal Investigator	Year of Award	Amount Sanctioned in Lakhs	Page No.
47	Design and Fabrication of Remote Control Vehicle Washer	Mechatronics Engineering	2018-19	0.065	129-130
48	Biogas and Organic Vegetables - Financially Feasible Agri Business Project with Special Reference to Deds Scheme of Nabard	Master of Business Administration		0.05	131-132
49	Biofuel from Palm Seeds - A Feassibility Study with Reference to Dakshina Kannada District			0.07	133-134
50	Fault Diagnosis in Belt Drive Transmission using Wavelet Spectrum	Aeronautical Engineering	2017-18	0.06	135-136
51	Renewable Energy Autonomous Drone for Agro based Applications			0.05	137-138
52	Design and Development of SLATEX Generator			0.05	139-140
53	Removal of Methylene Blue from Aqueous Solution: An Approach of Environmental Friendly Activated Carbon	Civil Engineering		0.04	141-142
54	Use of Eggshells and Seashells for the Removal of Heavy Metals from Wastewater			0.05	143-144
55	Elderly care	Electronics & Communication Engineering		0.05	145-146
56	Conversion of Atmospheric Air to Source of Energy Water			0.065	147-148
57	Self Retracting Chair	Mechanical Engineering		0.05	149-150
58	Portable Pole Pruner			0.05	151-152

Sl. No.	Name of the Project/ Endowments, Chairs	Department of the Principal Investigator	Year of Award	Amount Sanctioned in Lakhs	Page No.
59	Performance and Emission Characteristics Studies of CI Engine Using Graphene and Aluminium Oxide Nano Particles Blended Dairy Waste Scum Bio Diesel and Effect of Injection Pressure and Three and Five Hole of Nozzle Combustion Process	Mechanical Engineering	2017-18	0.09	153-154
60	Multi Nozzle Manually Operated Sprayer			0.08	155-156
61	Effect of Garnet on Mechanical Wear and Chemical Properties of Nickel Alloy for Aerospace and Marine Applications	Aeronautical Engineering	2016-17	0.085	157
62	Fabrication of Pneumatic Operated Emergency Exit System in Aircrafts			0.085	
63	Thermal Barrier Coating for Efficient Gas Turbine			0.065	
64	Assessment of physiochemical parameters of ground water in vicinity of Municipal landfill of Mangalore, Udupi & Moodbidre	Civil Engineering		0.045	
65	Border Alert and Safety System for Fisherman	Electronics & Communication Engineering		0.055	
66	Smart Auditorium with Security System			0.05	
67	Detection and Identification of Flying Bird Species using Image Processing			0.06	

Sl. No.	Name of the Project/ Endowments, Chairs	Department of the Principal Investigator	Year of Award	Amount Sanctioned in Lakhs	Page No.
68	Automation of Waste Water Harnessing to Generate Electric Power using SMFC Technology	Electronics & Communication Engineering	2016-17	0.07	157
69	Arduino based Water Quality Monitoring System			0.04	
70	LI-FI Based Indoor Navigation System for Visually Impared People	Information Science & Engineering		0.04	158
71	LIFE SHARE- Localized Blood Donor Connector			0.035	
72	Fabrication of Organic Wastage Mixer and Sprayer	Mechanical Engineering		0.08	
73	Multi Nozzle Manually Operated Sprayer			0.07	
74	Pedal Operated Reverse Osmosis Water Purification			0.06	
75	Studies on Stable Dispersion of Carbon Nano Tube materials in Bio Diesel Fuel			0.09	159
76	Performance And Emission Studies of Nano Particle Added Biodiesel Blended Fuels In Ci Engine			0.08	
77	Experimental Investigation of Mechanical Properties for Tamarind and Egg Shell Particles as a Fillers in Epoxy Hybrid Composites		Aeronautical Engineering	2015-16	0.06
78	Bio Inspired Morphing Wing	0.06			
79	Development Of NSC and HSC Using Laterite Soil as a Replacement to Sand	Civil Engineering	0.05		

Sl. No.	Name of the Project/ Endowments, Chairs	Department of the Principal Investigator	Year of Award	Amount Sanctioned in Lakhs	Page No.
80	Smart Waste Management System	Computer Science & Engineering	2015-16	0.03	160
81	Automated Toll Tax Collection System Using NFC(ATTCS)			0.03	
82	Solar Power Based Machine for Identification of Diseases in Plant and Maintenance	Electronics & Communication Engineering		0.05	
83	IoT based Automatic Waste Management System			0.06	
84	Triplet LiFi			0.05	
85	Bus Pass Generation System using Android Application	Information Science & Engineering		0.04	
86	Solar Powered Natural Fridge	Mechanical Engineering		0.05	
87	Synthesis and Application of Multiwalled Carbon Nano Tubes in Bio Diesel Combustion			0.05	
88	Thermopile Assisted Improvised Cookstove			0.05	
89	Fuel Oil Extraction through Pyrolysis Using Solar Assisted Forced Convection Air Heater			0.12	161

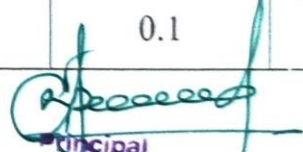
Sl. No.	Name of the Project/ Endowments, Chairs	Department of the Principal Investigator	Year of Award	Amount Sanctioned in Lakhs	Page No.
List of Grant received for Innovative Projects through Visvesvaraya Technological University, Belagavi					
1	Pollution Control Using Artificial Intelligence Drones	Aeronautical Engineering	2019-20	0.1	162-166
2	Gesture Controlled UAV Drone				
3	Experimental Studies on the Behaviour of Fibre Reinforced Concrete Arches	Civil Engineering		0.1	
4	Experimental Investigation on Load carrying capacity of Micro Reinforced Arches				
5	Creating Attack Data Set and Network Attack Detection System using Neural Network	Computer Science & Engineering		0.1	
6	Convergence of Block chain and Machine Learning for Health				
7	Entrack	Electronics & Communication Engineering		0.1	
8	Intelligent Wiper System for Vehicles				
9	Electronic Voting Machine using Block Chain	Information Science & Engineering		0.1	
10	De duplication in Cloud Computing				
11	Design an Development of Intelligent Reverse Breaking System	Mechanical Engineering		0.1	
12	Enhancing the Efficiency of Solar Cells using Self-Cooling System				
13	Converting Salt Water to Fresh Water using Solar Desalination Technique	Mechatronics Engineering		0.1	
14	Carbon Extraction from Atmosphere				

Sl. No.	Name of the Project/ Endowments, Chairs	Department of the Principal Investigator	Year of Award	Amount Sanctioned in Lakhs	Page No.
15	Buckling Strength Evaluation of GFRP Laminates with Different Fiber Orientation	Aeronautical Engineering	2018-19	0.1	167-172
16	Real-Time Condition Monitoring of Mechanical Faults in Engine using IoT				
17	Experimental Investigation on Concrete Using Sea Sand and Coconut Shell Charcoal as Fine Aggregate	Civil Engineering			
18	Experimental Investigation on Slender Beam Application in Cost Effective Slab System				
19	Hand Written Kannada Character Recognition using Machine Learning	Computer Science & Engineering			
20	Segregation of Arecanuts using Image Processing and Machine Learning				
21	SCHA-System an IoT Based Home Stock Reminder	Electronics & Communication Engineering			
22	Formic Acid as a Hydrogen Energy Carrier for Fuel Cell Towards Sustainable Energy				
23	Smart Telematics System	Information Science & Engineering			
24	Block Chain Based Clinical Data Management				

Sl. No.	Name of the Project/ Endowments, Chairs	Department of the Principal Investigator	Year of Award	Amount Sanctioned in Lakhs	Page No.
25	Multipurpose Machine for Arecanut Farming	Mechanical Engineering	2018-19	0.1	167-172
26	Tender Coconut Quality Detector and Automatic Cutter using Image Processing and Artificial Intelligence				
27	Design and Implementation of Two mode Hybrid Electric Power System	Mechatronics Engineering		0.1	
28	Design and implementation of external airbag safety system for automobiles				
29	Condition Monitoring of Rotating Blades using Fast Fourier Transforms and Wavelet Transform Analysis	Aeronautical Engineering		0.1	
30	Renewable Energy Autonomous Drone for Agro Based Applications				
31	Use of Eggshells and Seashells for the Removal of Heavy Metals from Wastewater	Civil Engineering	2017-18	0.1	173-177
32	Experimental Studies on the Use of Waste Plastic Materials for Road Constructions				
33	WSN Framework based study of salinity stress on plant growth for building plant disease prediction model using a statistical analysis	Computer Science & Engineering		0.1	
34	Li-Fi based automated information				
35	Elderly care	Electronics & Communication Engineering		0.1	
36	E@Lifi				

Sl. No.	Name of the Project/ Endowments, Chairs	Department of the Principal Investigator	Year of Award	Amount Sanctioned in Lakhs	Page No.
37	Smart Headgear	Information Science & Engineering	2017-18	0.1	173-177
38	Microcontroller Based CPR assist Tool using Android				
39	Investigation on Pretreatment of Accelerated bio-methanation of Domestic Organic Waste	Mechanical Engineering			
40	Performance Evaluation of CI Engine Using Graphene and Aluminium Oxide Nano Particles Blended Dairy Waste Scum Bio Diesel and Effect of Injection Pressure Hole diameter of Nozzle				
41	Automated Agrimotive			Mechatronics Engineering	
42	Rice Rotti Maker				

Sl. No.	Name of the Project/ Endowments, Chairs	Department of the Principal Investigator	Year of Award	Amount Sanctioned in Lakhs	Page No.
Grant Received for Innovative Projects by McAfee through Swami Vivekananda Youth Movement					
1	Low Cost IoT Based Plant Phenotyping System	Computer Science & Engineering	2018-19	0.1	178-179
2	Segregation of Arecanuts using Image Processing and Machine Learning			0.1	


 Principal
 Mangalore Institute of Technology & Engineering
 Badaga Mijar, MOODBIDRI - 574 225

Preamble

The vision of MITE in the next decade is to be a pioneer in Research & Development. MITE has reached a stage where Science and Engineering has converged, leading to sprout of research activities, more of which are application based, a true Engineering trait! Faculty with research aptitude and experience working on coveted projects with grant from agencies of repute makes the curriculum delivery here unique, more application oriented. Hence promoting research temperament amongst students, adding value to the Institute, Society and the Country at large.



Government of Karnataka

Vision Group on Science and Technology

Department of Information Technology, Biotechnology and Science & Technology
4th Gate, 7th Floor, M.S. Building, Dr. Ambedkar Veedhi, Bengaluru - 560 001
Phone : 080-2203 2013, E-mail : visiongroup.st@gmail.com, Website : www.vgst.in

Dr. S.G. Sreekanteswara Swamy, PhD.,
Consultant, VGST

No. VGST/REVIEW/K-FIST L2 /2020-21/175

Date: 14.10.2020

To,
The Principal
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Solapur-Mangalore Highway, Moodabidri
Mangalore- 574 225

Dear Sir/Madam,

Subject: GRD No. 339 (K-FIST L2) - Project Titled - Technology aided agricultural optimization.

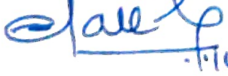
Ref: Review Meeting held on 27th July-2020 for K-FIST(L2) schemes at JNCASR.

With reference to the above subject, the Programme Coordinator Dr. Venkataramana Bhat has made the presentation and explained the progress of the project. The Committee suggested the following:

- 1) The Programme Coordinator mentioned that he has interacted with the Agricultural Scientists of Bhramhawara Agriculture Research Station and made the MoU. Further PC told that server has been procured and technology will be ready with IOT platform and will be implemented in the field shortly.
- 2) The review committee recommended to utilize the remaining money from the first instalment and to release the second instalment grant of Rs.20.00 lakh.
- 3) Further committee informed to complete the project by the end of August 2021.

Please submit a copy of Part-A to the VGST office. The necessary formats are available in the VGST website link: <http://vgst.in/downloads.php>

With thanks and kind regards,
Yours sincerely,


14/10/20

(Consultant)

CC: Dr. Venkataramana Bhat
Department of Computer Science and Engineering,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Solapur, Moodabidri
Mangalore- 574 225



Visvesvaraya Technological University
Belagavi - 590018
TEQIP CELL

Ref: VTU/TEQIP 3/2020/ 424

Date: 18/01/2020

To,

The Principal,

Mangalore Institute of Technology & Engineering,

Moodbidri.

Ref: VTU/TEQIP 3/2019/321.

Subject: Advance Release for Competitive Research Grant-Reg.

On the cited Subject, Advance amount of Rs 2.0 Lakhs transferred to your bank account on 18.01.2020. please do share the Documents/ Bills as per (Guidelines for investigators) to TEQIP Cell as and when needed. Please note that, the expenses has to be settled latest by end July 2020.

For Clarifications, please Email to teqip@vtu.ac.in Contact: 7760133776.

Dr. S.L.Deshapande

TEQIP Coordinator

Cc: Investigator.

Dr.Raghavendra Sagar- Associate Professor



VISVESVARAYA TECHNOLOGICAL UNIVERSITY

ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

"Jnana Sangama", Belagavi - 590 018, Karnataka State, INDIA

Phone : (0831) 2405468
Fax : (0831) 2405467
Email : registrar@vtu.ac.in
website : www.vtu.ac.in

Prof. A. S. Deshpande, B.E., M.Tech., Ph.D

Registrar

Ref: VTU/TEQIP 3/2019/321

Date: 10 DEC 2019

Approval Letter

Sub: Research Proposal approved for "Competitive Research Grant" – Reg.

Ref: Hon'ble Vice Chancellor approval dated: 09.12.2019

We are pleased to inform you that, the proposal entitled "Fabrication of Graphene/bio-waste based hybrid system as flexible and high performance super capacitors" has been selected for the TEQIP Competitive Research Grant.

The details are as given below:

Investigators	Maximum amount approved (Rs.)
1. Dr. Raghavendra Sagar, Associate Professor, Physics Mangalore Institute of Technology & Engineering, Moodbidri (Lead College) 2. Dr. Asha Rao, Professor, Physics Sir M Visvesvaraya Institute of Technology, Bengaluru	2 Lakhs

The Investigators are informed to follow the enclosed guidelines. The Vendor format and Undertaking is to be submitted on or before 17.12.2019. Only after submission of undertaking letter the grant will be transferred to the lead Institution Principle's Account.

For any clarifications mail to teqip@vtu.ac.in

[Signature]
10.12.19
REGISTRAR

To,

The Principal,

Mangalore Institute of Technology & Engineering, Moodbidri

Enclosed:

1. Guidelines
2. Vendor Format
3. Undertaking Format

Copy for information to:

1. The Secretary to Hon'ble Vice Chancellor, VTU, Belagavi.
2. The PS to Registrar, VTU, Belagavi.
3. The Finance Officer, VTU, Belagavi.
4. The TEQIP Cell, VTU, Belagavi.



KARNATAKA COUNCIL FOR TECHNOLOGICAL UPGRADATION

ಕರ್ನಾಟಕ ತಾಂತ್ರಿಕ ಉನ್ನತೀಕರಣ ಪರಿಷತ್ತು

(A Joint Venture of Government of India & Government of Karnataka)

2nd FLOOR, VITC BUILDING, KASTURBA ROAD, BANGALORE - 560 001

2ನೇ ಮಹಡಿ, ವಿ.ಐ.ಟಿ.ಸಿ., ಕಟ್ಟಡ, ಕಸ್ತೂರಬಾ ರಸ್ತೆ, ಬೆಂಗಳೂರು - 560 001

Ph : 080-2286 6348 / 2286 0772 Fax: 080-22866607 E-mail: md.kctu@gmail.com / md-kctu-ka@nic.in.

Website : www.kctu.kar.nic.in

No. KCTU/R&D/MITE/11/2018-19

Date: 15-09-2018

Sanction Order

Sub: Sanction of Financial Assistance to **M/s. Mangalore Institute of Technology and Engineering, Mangaluru** under R&D Scheme.

Ref: 1. Go No. CI/151/SPI/2013(P1), Bangalore, dated 20-09-2013

2. Application of **M/s. Mangalore Institute of Technology and Engineering, Mangaluru** for Incentives for Setting up of R&D Centers received from Institution on 11.08.2017 & 04.10.2017.

KCTU is pleased to inform you that 8th State Level Committee (SLC) for sanction of Incentives held on 27-08-2018 has sanctioned Financial Assistance of Rs **21.00** lakhs (Rs Twenty One lakhs only) to **M/s. Mangalore Institute of Technology and Engineering, Mangaluru** for setting up of **"Quality Improvement & Up-Gradation of the Existing Fish Meal and Fish Oil Industries and Extraction of Bio-diesel & Fishnure in Ecofriendly environment from their products"** R & D Center on the basis of investment to be made on Machinery and Equipments in your institution located at **M/s. Mangalore Institute of Technology and Engineering, Mangaluru** as per Government Order No. CI/151/SPI/2013(P1), Bangalore, dated 20-09-2013. The Committee noted the total project cost of Rs. **42.00** lakhs and accepted the investment on Machinery and equipments of Rs **42.00** lakhs and **sanctioned Rs. 21.00** lakhs being 50% of the same.

You have to execute an undertaking in the prescribed format enclosed to this sanction order. The original undertaking should be on Stamp paper of Rs.200/-. The agreement should be executed by the Head of the Institution. The sanctioned incentive will be released through NEFT/RTGS as per the seniority maintained in KCTU office.


The following procedures to be followed in implementing the R&D scheme assisted by Government of Karnataka.

1. The R&D Institutions to commence the implementation of the R&D Projects without waiting for the GoK release of financial assistance, on receipt of the Sanction Order.
2. The sanctioned financial assistance to the R&D Centers will be released in 3 installments in the ratio of 50%:40%:10%. This assistance has to be utilized only for the purpose of which it was sanctioned.
3. The Institute has to submit the specific monthly implementation plan of the R&D activity. Accordingly the institution has to submit quarterly progress report for each quarter (for the quarters ending on June, September, December & March).

4. Exclusive space should be made available for the project and it should be easily accessible for the MSMEs.
5. Tenders / quotations are to be called as per the Karnataka transparency in public procurements act. Joint Director, DIC, Dakshina Kannada to be member of Purchase Committee.
6. After procuring the machineries, invoice / receipts and bank statements have to be produced to this office for verification and further action.
7. Utilization Certificate from CA has to be produced for release of next installment duly certified.
8. The additional expenditure if any, due to any reason, it has to be borne by the institution.
9. The Expert Committee and officers from KCTU / Joint Director of Department of Industries and Commerce will visit the center for physical verification of the machineries and other equipments.
10. A sign board has to be exhibited displaying the name of the office, department and scheme under which the Financial Assistance provided (KCTU, Dept. of Industries and Commerce).

<u>Supported by :-</u>		
Organisation	-	Karnataka Council for Technological Upgradation Department of Industries and Commerce.
Purpose	-	Under Financial Assistance to R&D center for setting up of "Quality Improvement & Up-Gradation of the Existing Fish Meal and Fish Oil Industries and Extraction of Bio-diesel & Fishnure in Ecofriendly environment from their products"
Approved Project cost	-	GoK Contribution : Rs. 21.00 lakhs Contribution from Institution : Rs. 21.00 lakhs
Total		: Rs 42.00 lakhs

11. The Institute to arrange awareness programmes to MSMEs regarding the R&D activity and assists them in availing the Technology at nominal cost.
12. Local MSME association/I&C Department officers of the District to be invited at the time of conducting seminars / Dissemination of Technology Developed by the Institution.


 Managing Director
 K.C.T.U., Bangalore

Copy to

- 1) The Joint director, District Industries Centre, Dakshina Kannada.
- 2) The Principal, M/s. Mangalore Institute of Technology and Engineering, Mangaluru.

Karnataka Science and Technology Promotion Society
Department of Information Technology, Biotechnology and Science and Technology,
Government of Karnataka, 'Vijnana Bhavan' No.24/2, 3rd Floor, 21st Main Road,
Banashankari 2nd Stage, Bangalore 560070
Phone/Fax: 080-26711166/26711160 email:ksteps.dst@gmail.com

Dr. H. Honnegowda
Special Director (Technology) DST/
Managing Director, KSTePS

No. KSTePS/VGST/CESEM/2013-14/GRD-221/01/2019-20/42/1

Date: 21.05.2019

Respected Sir/Madam,

Subject: Regarding the release of third installment of grant-in-aid under the CESEM Programme of the Vision Group on Science and Technology

The Department of Science and Technology had constituted the Vision Group on Science and Technology under the Chairmanship of Distinguished Scientist, Bharat Ratna Prof. C. N. R. Rao, F.R.S in the year 2008 and since 10 years under this project several scientific programmes have been successfully organized throughout the state. You are fully aware that in the year 2013-14, the proposal of your organization **"A Study on the Enhancement of Efficiency of Solar cells by Various Modification Process and Synthesis/Characterization of NLO Materials"**, which was selected by the Vision Group on Science and Technology under the Center of Excellence Science Engineering and Medicine (CESEM) programme and approved by the Government.

The Karnataka Science and Technology Promotion Society (KSTePS) being the affiliated organization of Department of Science and Technology has been appointed as the In-charge organization for all the programme of the Vision Group on Science and Technology since the year 2016-17. Therefore, grant-in-aid of **Rs. 20.00** Lakh have been released for the proposed programme of your organization through cheques in favor of **The Principal, Mangalore Institute of Technology and Engineering, Moodbidri** (Cheque No. 655120, and 655121 dated 21.05.2019). Kindly send the acknowledgment receipt to KSTePS.

The residual (Unutilized) aid of Rs.2,01,406/- of the second installment released already along with its added interest amount and the grant-in-aid released now shall be utilized only for the proposed programme and all the expenditures shall be incurred as per the provisions of the Karnataka Transparency in Public Procurement Act, 1999-<http://finance.ker.nic.in/index.htm> and the implementation of various program approved by the Vision Group.

Further, after utilizing all the released grant-in-aid, all the account of expenditure shall be audited by the registered Auditor and the 2 sets of Utilization certificates shall be sent to the KSTePS organization in the format annexed to this letter. All the account papers of the



programme shall be preserved and shall be furnished to Chief Auditor or to the Government for the purpose of inspection. Requesting to maintain a separate record book for the purpose of this programme.

With Greetings

Yours faithfully

Sd/-

Managing Director

To,

The Principal

Mangalore Institute of Technology and Engineering


Mijar, Mangalore Taluk, Moodbidri, D.K. -574225

CC: 1. Dr. Raghavendra Sagar, Dept of Physics, Mangalore Institute of Technology and Engineering Mijar, Mangalore Taluk, Moodbidri, D.K. -574225

2. Dr. S. G. Sreekanteswara Swamy, , Consultant, The Vision Group on Science and Technology(VGST), 7th Floor, 4th Phase, M S Building Bangalore-560001



Certified That This Is The True Translation
Copy Of The Original / Certified Copy Of The
Document Produced Before Me


M.S. THANTRI B.Com.,LL.B.
Advocate & Notary (Govt. of India)
Magranth Complex
Near Post Office, Moodbidri - 574227
Mob: 9880159366

No. of Corrections : Nil /  Only

ಕರ್ನಾಟಕ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಪ್ರೋತ್ಸಾಹಕ ಸೊಸೈಟಿ

ಮಾಹಿತಿ ತಂತ್ರಜ್ಞಾನ, ಜೈವಿಕ ತಂತ್ರಜ್ಞಾನ ಹಾಗೂ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಇಲಾಖೆ, ಕರ್ನಾಟಕ ಸರ್ಕಾರ
'ವಿಜ್ಞಾನ ಭವನ' ನಂ: 24/2, 3ನೇ ಮಹಡಿ, 21ನೇ ಮುಖ್ಯ ರಸ್ತೆ, ಬನಶಂಕರಿ 2ನೇ ಹಂತ, ಬೆಂಗಳೂರು-560 070
ದೂರವಾಣಿ/ಫ್ಯಾಕ್ಸ್: 080-26711166 / 26711160 ಇ-ಮೇಲ್: ksteps.dst@gmail.com

ಡಾ. ಹೆಚ್. ಹೊನ್ನೇಗೌಡ

ವಿಶೇಷ ನಿರ್ದೇಶಕರು (ತಾಂತ್ರಿಕ), ವಿತಂಇ/
ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು, ಕೆಸ್ಪೆಪ್ಸ್

ನಂ. KSTePS/VGST/CESEM/2013-14/GRD-221/01/2019-20 /49/1

ದಿನಾಂಕ: 21.05.2019

ಮಾನ್ಯರೇ,

ವಿಷಯ: ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹದ **CESEM** ಯೋಜನೆಯಡಿಯಲ್ಲಿ ಮೂರನೇ ಕಂತಿನ
ಅನುದಾನ ಬಿಡುಗಡೆ ಮಾಡುವ ಬಗ್ಗೆ.

ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಇಲಾಖೆಯು, ಖ್ಯಾತ ವಿಜ್ಞಾನಿ ಭಾರತರತ್ನ ಪ್ರೊಫೆಸರ್ ಸಿ.ಎನ್.ಆರ್. ರಾವ್, F.R.S. ರವರ ಅಧ್ಯಕ್ಷತೆಯಲ್ಲಿ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹವನ್ನು 2008ರಲ್ಲಿ ಸ್ಥಾಪಿಸಿದ್ದು, ಈ ಯೋಜನೆಯಡಿ ಹಲವಾರು ವೈಜ್ಞಾನಿಕ ಕಾರ್ಯಕ್ರಮಗಳನ್ನು ಕಳೆದ 10 ವರ್ಷಗಳಿಂದ ರಾಜ್ಯಾದ್ಯಂತ ಯಶಸ್ವಿಯಾಗಿ ಅನುಷ್ಠಾನಗೊಳಿಸಿಕೊಂಡು ಬರುತ್ತಿರುವುದು ಸರಿಯಷ್ಟೆ. 2013-14ನೇ ಸಾಲಿನಲ್ಲಿ ತಮ್ಮ ಸಂಸ್ಥೆಯಿಂದ ಸಲ್ಲಿಸಿದ ಪ್ರಸ್ತಾವನೆಯಾದ **"A Study on the Enhancement of Efficiency of Solar cell by Various Modification Process & Synthesis/Characterization of NLO Materials"** ನ್ನು ವಿ.ಜಿ.ಎಸ್.ಟಿ. ಯ ಪ್ರಮುಖ ಕಾರ್ಯಕ್ರಮವಾದ **Centers of Excellence Science Engineering and Medicine (CESEM)** ನ ಯೋಜನೆಯಡಿಯಲ್ಲಿ ದಾರ್ಶನಿಕ ಸಮೂಹವು ಆಯ್ಕೆ ಮಾಡಿ, ಸರ್ಕಾರ ಆದೇಶ ನೀಡಿರುವುದು ತಮಗೆ ತಿಳಿದ ವಿಷಯವಾಗಿದೆ.

ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಇಲಾಖೆಯ ಅಂಗ ಸಂಸ್ಥೆಯಾದ ಕರ್ನಾಟಕ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಪ್ರೋತ್ಸಾಹಕ ಸೊಸೈಟಿ (ಕೆಸ್ಪೆಪ್ಸ್) ಯನ್ನು 2016-17ನೇ ಸಾಲಿನಿಂದ ದಾರ್ಶನಿಕ ಸಮೂಹದ ಕಾರ್ಯಕ್ರಮಗಳ ಉಸ್ತುವಾರಿ ಸಂಸ್ಥೆಯಾಗಿ ನೇಮಿಸಲಾಗಿದೆ. ಆದುದರಿಂದ, ತಮ್ಮ ಸಂಸ್ಥೆಯಿಂದ ಆಯ್ಕೆಗೊಂಡ ಪ್ರಸ್ತಾವನೆಗೆ ಮೂರನೇ ಕಂತಾಗಿ ರೂ. 20.00 ಲಕ್ಷಗಳ ಅನುದಾನದ ಚೆಕ್‌ಗಳನ್ನು **The Principal, Mangalore Institute of Technology and Engineering, Moodbidri** (ಚೆಕ್ ಸಂಖ್ಯೆ: 655120 & 655121 ದಿ: 21.05.2019) ನೀಡಲಾಗಿದೆ. ಚೆಕ್ ಸ್ವೀಕರಿಸಿದ ನಂತರ, ಸ್ವೀಕೃತ ರಶೀದಿ (Acknowledgement) ಯನ್ನು ಕೆಸ್ಪೆಪ್ಸ್ ಸಂಸ್ಥೆಗೆ ಕಳುಹಿಸುವುದು.

ಈಗಾಗಲೇ ಬಿಡುಗಡೆ ಮಾಡಲಾಗಿರುವ ಎರಡನೇ ಕಂತಿನ ಅನುದಾನದಲ್ಲಿ ಉಳಿಕೆಯಾಗಿರುವ ರೂ. 2,01,406/-ಗಳನ್ನು ಮತ್ತು ಇದಕ್ಕೆ ಬಂದಂತಹ ಬಡ್ಡಿ ಹಣವನ್ನು ಪ್ರಸ್ತುತ ಬಿಡುಗಡೆ ಮಾಡುತ್ತಿರುವ ಸದರಿ ಅನುದಾನದ ಜೊತೆ ಸೇರಿಸಿಕೊಂಡು ಉದ್ದೇಶಿತ ಯೋಜನೆಗೆ ಮಾತ್ರ ಬಳಸಿಕೊಳ್ಳುವುದು ಹಾಗೂ ಎಲ್ಲಾ ವೆಚ್ಚಗಳನ್ನು ಕರ್ನಾಟಕ ಸಾರ್ವಜನಿಕ ಸಂಗ್ರಹಣೆಯಲ್ಲಿ ಪಾರದರ್ಶಕತೆ ಅಧಿನಿಯಮ, 1999ರ (Karnataka Transparency in Public Procurements Act, 1999 - <http://finance.kar.nic.in/index.htm>) ಅನುಸಾರ ಹಾಗೂ ದಾರ್ಶನಿಕ ಸಮೂಹ ಅನುಮೋದಿಸಿರುವ ವಿವಿಧ ಶೀರ್ಷಿಕೆಗಳಿಗೆ ಅನುಗುಣವಾಗಿ ಯೋಜನೆಯನ್ನು ಅನುಷ್ಠಾನಗೊಳಿಸುವುದು.

ಮುಂದುವರಿದು, ಚಿಡುಗಡೆಯಾದ ಅನುದಾನವನ್ನು ಬಳಸಿಕೊಂಡ ನಂತರ ಎಲ್ಲಾ ವೆಚ್ಚಗಳನ್ನು ನೋಂದಾಯಿತ ಆಡಿಟರ್ ಮೂಲಕ ಆಡಿಟ್ ಮಾಡಿಸಿ, ಉಪಯೋಗತಾ ಪ್ರಮಾಣಪತ್ರವನ್ನು ದ್ವಿಪ್ರತಿಯಲ್ಲಿ ಈ ಪತ್ರದೊಂದಿಗೆ ಲಗತ್ತಿಸಿರುವ ನಮೂನೆಯಲ್ಲಿ (Format) ಕೆಸ್ಟೆಪ್ಸ್ ಸಂಸ್ಥೆಗೆ ಕಳುಹಿಸಿಕೊಡುವುದು. ಯೋಜನೆಗೆ ಸಂಬಂಧಪಟ್ಟ ಎಲ್ಲಾ ಲೆಕ್ಕ ಪತ್ರಗಳನ್ನು ಸಂರಕ್ಷಿಸಿಡುವುದು ಹಾಗೂ ಮಹಾಲೇಖಪಾಲಕರು ಮತ್ತು ಸರ್ಕಾರವು ತಪಾಸಣೆಗಾಗಿ ಕೋರಿದಲ್ಲಿ ತಪ್ಪದೇ ಒದಗಿಸುವುದು. ಈ ಯೋಜನೆಗೆ ಅನುಗುಣವಾಗಿ ಪ್ರತ್ಯೇಕ ದಾಖಲೆ ಪುಸ್ತಕವನ್ನು ಸಹ ನಿರ್ವಹಿಸಬೇಕೆಂದು ಕೋರುತ್ತೇನೆ.

ವಂದನೆಗಳೊಂದಿಗೆ,

o/c

ತಮ್ಮ ವಿಶ್ವಾಸಿ,



ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು

ಇವರಿಗೆ,

The Principal

Mangalore Institute of Technology and Engineering

Mijar, Mangalore Taluk, Moodabidri, D.K. - 574 225

ಪ್ರತಿ: 1) Dr. Raghavendra Sagar Dept of Physics, Mangalore Institute of Technology and Engineering, Mijar, Mangalore Taluk, Moodabidri, D.K. - 574 225

2) ಡಾ|| ಎಸ್. ಜಿ. ಶ್ರೀಕಂಠೇಶ್ವರ ಸ್ವಾಮಿ, ಸಮಾಲೋಚಕರು, ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹ, 7ನೇ ಮಹಡಿ, 4ನೇ ಹಂತ, ಬಹುಮಹಡಿ ಕಟ್ಟಡ, ಬೆಂಗಳೂರು- 560 001

Reg. Post
Sent on
23/05/19



GOVERNMENT OF KARNATAKA

Vision Group on Science and Technology

Department of Information Technology, Biotechnology and Science & Technology

Karnataka Government Secretariat, No.702, 7th Floor, 4th Stage, M. S. Building, Dr. Ambedkar Veedhi, Bangalore-560 001

Phone: 080-2203 2013, E-mail: visiongroup.st@gmail.com Website: www.vgst.in

30-01-2019

No /VGST/GRD-698 / 2017-18 / 2018-19/494

To,
The Principal,
Mangalore Institute of Technology
And Engineering, Badaga Mijar
Moodabidri – 574 225
Mangalore.

To
M.C. Jayaprakash
for further info
30/1/2019

Dear Sir,

Subject: Approval for the submission of PART –A for purchase the
Equipment. – GRD – 698,

With reference to the approval of GRD –698, **Mangalore Institute of Technology and Engineering, Badaga Mijar Moodabidri** under the scheme **RGS/F** proposed by **Dr. Jayaprakash M C** Department of Civil Engineering the project titled **“Sustainable Grey Water Management System Using Phytoremediation technique”** was released the grant of **Rs 5.00** lakhs for the FY: 2017-18 (Cheque no: 384899, Dt: 11-09-2018).

As submitted the PART – A of GRD-698, by the Grantee Institution requesting for the purchase of Equipment from the grants. The details are as follow

Non- Recurring Budget estimate under E- Tendering process for the FY: 2017-18.

Sl. NO	Submitted in PART- A under non-recurring (ETP) Budget estimate by Grantee Institution	Amount (Rs)
1	Signals Stacking Resistivity Meter	3,74,000.00
	Total	3,74,000.00

Non-Recurring Budget Estimate under Manual Tendering Process for the FY: 2017-18.

Sl .NO	Submitted in PART –A under Non – Recurring (MTP) Budget Estimate by Grantee Institution	Amount (Rs)
1	Low Voltages Domestic Pump	16,000.00
2	Mechanical Water Flow Meter	10,000.00
	TOTAL	26,000.00

Recurring Budget Estimate for the FY: 2017-18.

SL. NO	Submitted in PART – A under Recurring Budget Estimate by Grantee Institution	AMOUNT (Rs)
1	Chemicals	60,000.00
2	Glass Ware	
3	Plastic Ware	
4	Biological Specimen	
5	Electrical And Electronic Spare Parts	7,500.00
6	Mechanical Spare Parts	7,500.00
7	Contingency	20,000.00
8	Books and Journal	5,000.00
	Total	1,00,000.00

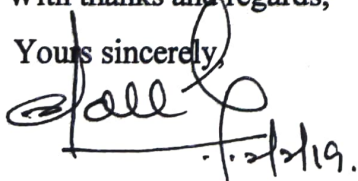
The submitted Proposals and PART – A document details are as follows

Grant Amount	5,00,000.00
TOTAL	5,00,000.00
(A) NON-RECURRING	
E-tendering (ETP)	3,74,000.00
Manual -tendering s(MTP)	26,000.00
TOTAL	4,00,000.00
(B) RECURRING	
Consumables and Contingency	1,00,000.00
Total (A+B)	5,00,000.00
Approval as per (PART - A submitted by GI / PC)	5,00,000.00
BALANCE AMOUNT	00.00

In this view, as mentioned in the procurement document (PART-A), you may purchase the equipment through E-Tendering and Manual Tendering. Please do not deviate the purchase procedure for the procurement of equipment. Please submit the PART-B and PART-C (download in VGST website) to the VGST office after completion of the process. This is for your kind information.

With thanks and regards,

Yours sincerely,



(Dr.S.G.Sreekanteshwara Swamy)

Consultant

CC: Dr.Jayaprakash M C Department of Civil Engineering , Mangalore Institute Of Technology And Engineering, Badaga Mijar Moodabidri – 574 225 Mangalore.

Karnataka Science and Technology Promotion Society

Department of Science and Technology, Government of Karnataka

'Vijnana Bhavan' No.24/2, 3rd Floor, 21st Main Road, Banashankari 2nd Stage, Bangalore 560070

Phone/Fax:080-26711166; email : ksteps.dst@gmail.com

No. KSTePS/VGST/CESEM/2013-14/GRD-221/01/2019-20/42/1

Date: 16.02.2016

Respected Sir/Madam,

Subject: Regarding the release of second installment of grant-in-aid under the CESEM Project

Reference: 1. Government letter No-DST Vithrama 2013, dated 28.01.2016

2. Your latter No. MITE/Phy/2016/3710 dated 12.02.2016

The Department of Science and Technology had constituted the Vision Group on Science and Technology under the Chairmanship of Distinguished Scientist, Bharat Ratna Prof. C. N. R. Rao, F.R.S in the year 2008 and has been successfully organizing scientific programmes since last 8 years.

In this regards, you are fully aware that the proposal submitted by your organization in the year 2013-14 under the CESEM project which is one of the important program of the vision group.

In order to implement the proposed project in your organization, the second installment of grant-in-aid of Rs. 20.00 Lakh have been released through the Karnataka Science and Technology Promotion Society (KSTePS), which is a affiliated organization of Department of Science and Technology as approved and directed by the Government through cheque (Rupees 20 Lakhs, Cheque No. 689310,689312,689313,689314). Kindly send the receipt for having received the cheques.

You have to utilize the grant-in-aid only for the proposed project/plane. All the expenditures shall be incurred as per provisions of the Karnataka Transparency in Public Procurement Act, 1999-<http://finance.ker.nic.in/index.htm> and as per the guidelines of the Vision Group. After utilizing the unutilized/residual aid of the first installment and the released aid of second installment, all the account of expenditure shall be audited through the registered Auditor (must have obtained FRN No and membership). Two sets of utilization certificate shall be sent to the above address of the KSTePs organization in the format annexed to this letter. All the account papers shall be preserved and shall be compulsorily furnished to the government if demanded for the purpose of inspection.

Contact Dr. Anantharaju, Consultant, The Vision Group on Science and Technology for more programme implementation information .

With Greetings

Certified That This Is The True Translation
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Sd/-
4/6/2021
Managing Director

M.S. THANTRI B.Com., LL.B.
Notary (Govt. of India)
Mangaloth Complex
Post Office, Moodbidri - 574227
Mob: 9301155366

To,
The Principal
Mangalore Institute of Technology and Engineering
Mijar, Mangalore Taluk, Moodbidri, D.K. -574225

CC: Dr. Anantharaju, Consultant, The Vision Group on Science and Technology (VGST), Dept. of Science and Technology, M.S. Building Bangalore-560001



ಕರ್ನಾಟಕ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಪ್ರೋತ್ಸಾಹಕ ಸೊಸೈಟಿ

ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಇಲಾಖೆ, ಕರ್ನಾಟಕ ಸರ್ಕಾರ

'ವಿಜ್ಞಾನ ಭವನ' ನಂ: 24/2, 3ನೇ ಮಹಡಿ, 21ನೇ ಮುಖ್ಯ ರಸ್ತೆ, ಬಸವಕೆರೆ 2ನೇ ಹಂತ, ಬೆಂಗಳೂರು - 560 070

ದೂರವಾಣಿ/ಫ್ಯಾಕ್ಸ್ : 080 - 26711166, ಇಮೇಲ್ : ksteps.dst@gmail.com

ನಂ. ಕೆಸ್‌ಪೆಸ್/CESEM/01/2013-14

ದಿನಾಂಕ: 16.02.2016

ಮಾನ್ಯರೇ

ವಿಷಯ: CESEM ಯೋಜನೆಯಡಿಯಲ್ಲಿ ಎರಡನೇ ಕಂತಿನ ಅನುದಾನ ಬಿಡುಗಡೆ ಮಾಡುವ ಬಗ್ಗೆ.

ಉಲ್ಲೇಖ: 1) ಸರ್ಕಾರಿ ಪತ್ರ ಸಂಖ್ಯೆ - ವಿಯಇ 51 ವಿತ್ರಮ 2013, ದಿ: 28.01.2016

2) ತಮ್ಮ ಪತ್ರ ಸಂಖ್ಯೆ: MITE/Phy/2016/3710, ದಿನಾಂಕ: 12.02.2016

ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಇಲಾಖೆಯು, ಪ್ರಖ್ಯಾತ ವಿಜ್ಞಾನಿ ಭಾರತರತ್ನ ಪ್ರೊಫೆಸರ್ ಸಿ.ಎನ್.ಆರ್. ರಾವ್, F.R.S., ರವರ ಅಧ್ಯಕ್ಷತೆಯಲ್ಲಿ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹವನ್ನು 2008ರಲ್ಲಿ ಸ್ಥಾಪಿಸಿದ್ದು, ಹಲವಾರು ವೈಜ್ಞಾನಿಕ ಕಾರ್ಯಕ್ರಮಗಳನ್ನು ಕಳೆದ 8 ವರ್ಷಗಳಿಂದ ಯಶಸ್ವಿಯಾಗಿ ನಡೆಸಿಕೊಂಡು ಬರುತ್ತಿರುವುದು ಸರಿಯಷ್ಟೆ.

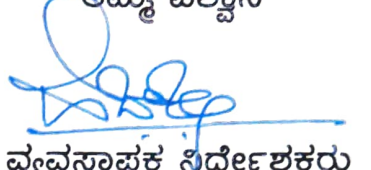
ಈ ನಿಟ್ಟಿನಲ್ಲಿ, 2013-14ನೇ ಸಾಲಿನಲ್ಲಿ ದಾರ್ಶನಿಕ ಸಮೂಹದ ಮುಖ್ಯ ಕಾರ್ಯಕ್ರಮವಾದ CESEM ಯೋಜನೆಯಡಿ ತಮ್ಮ ಸಂಸ್ಥೆಯು ಸಲ್ಲಿಸಿದ ಪ್ರಸ್ತಾವನೆಯನ್ನು ಪುರಸ್ಕರಿಸಿರುವುದು ತಮಗೆ ತಿಳಿದ ವಿಷಯವಾಗಿದೆ.

ತಮ್ಮ ಸಂಸ್ಥೆಯಲ್ಲಿ ಉದ್ದೇಶಿತ ಯೋಜನೆಯನ್ನು ಅನುಷ್ಠಾನಗೊಳಿಸಲು ಸರ್ಕಾರವು ಅನುಮೋದಿಸಿ ನಿರ್ದೇಶಿಸಿರುವಂತೆ, ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಇಲಾಖೆಯ ಅಂಗ ಸಂಸ್ಥೆಯಾದ ಕರ್ನಾಟಕ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಪ್ರೋತ್ಸಾಹಕ ಸೊಸೈಟಿ (ಕೆಸ್‌ಪೆಸ್) ಮುಖಾಂತರ ಎರಡನೇ ಕಂತಿನ ಅನುದಾನ ರೂ. 20.00 ಲಕ್ಷಗಳ ಅನುದಾನವನ್ನು ಚೆಕ್ ಮೂಲಕ (ರೂಪಾಯಿ ಇಪ್ಪತ್ತು ಲಕ್ಷಗಳು ಚೆಕ್ ನಂ. 689310, 689312, 689313, 689314) ನೀಡಲಾಗುತ್ತಿದೆ. ಚೆಕ್ ಸ್ವೀಕರಿಸಿದಕ್ಕೆ ರಶೀದಿಯನ್ನು ಕಳುಹಿಸುವುದು.

ತಾವು ಅನುದಾನವನ್ನು ಉದ್ದೇಶಿತ ಯೋಜನೆಗೆ ಮಾತ್ರ ಬಳಸಿಕೊಳ್ಳುವುದು ಹಾಗೂ ಎಲ್ಲಾ ವೆಚ್ಚಗಳನ್ನು ಕರ್ನಾಟಕ ಸಾರ್ವಜನಿಕ ಸಂಗ್ರಹಣೆಯಲ್ಲಿ ಪಾರದರ್ಶಕತೆ ಅಧಿನಿಯಮ, 1999 (Karnataka Transparency in Public Procurements Act, 1999 - <http://finance.kar.nic.in/index.htm>) ಅನುಸಾರ ಹಾಗೂ ದಾರ್ಶನಿಕ ಸಮೂಹದ ಮಾರ್ಗಸೂಚಿಯ ಪ್ರಕಾರ ಯೋಜನೆಯನ್ನು ಅನುಷ್ಠಾನಗೊಳಿಸುವುದು. ಮೊದಲೇ ಕಂತಿನ ಉಳಿಕೆ ಅನುದಾನ ಹಾಗೂ ಎರಡನೇ ಕಂತಾಗಿ ಬಿಡುಗಡೆಯಾದ ಅನುದಾನವನ್ನು ಒಟ್ಟಾರೆಯಾಗಿ ಬಳಸಿಕೊಂಡ ನಂತರ ಎಲ್ಲಾ ವೆಚ್ಚಗಳನ್ನು ನೋಂದಾಯಿತ ಲೆಕ್ಕ ಪರಿಶೋಧಕರಿಂದ (FRN No. ಹಾಗೂ Membership No. ಪಡೆದಿರಬೇಕು) ಆಡಿಟ್ ಮಾಡಿಸಿ, ಉಪಯೋಗತಾ ಪ್ರಮಾಣ ಪತ್ರವನ್ನು ಧೃವಪ್ರತಿಯಲ್ಲಿ ಈ ಪತ್ರದೊಂದಿಗೆ ಲಗತ್ತಿಸಿರುವ ಸ್ವರೂಪದಲ್ಲಿ (Format) ಕೆಸ್‌ಪೆಸ್ ಸಂಸ್ಥೆಯ ಮೇಲ್ಕಂಡ ವಿಳಾಸಕ್ಕೆ ಕಳುಹಿಸಿಕೊಡುವುದು. ಎಲ್ಲಾ ಲೆಕ್ಕ ಪತ್ರಗಳನ್ನು ಸಂರಕ್ಷಿಸಿರುವುದು ಹಾಗೂ ಸರ್ಕಾರವು ಸಮೀಕ್ಷೆಗಾಗಿ ಕೋರಿದಲ್ಲಿ ತಪ್ಪದೆ ಒದಗಿಸುವುದು.

ಕಾರ್ಯಕ್ರಮದ ಅನುಷ್ಠಾನ, ಮಾರ್ಗಸೂಚಿ ಹಾಗೂ ಅದಕ್ಕೆ ಸಂಬಂಧಿಸಿದ ಮಾಹಿತಿಗಾಗಿ ಡಾ. ಅನಂತರಾಜು, ಸಮಾಲೋಚಕರು. ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹ ಇವರನ್ನು ಸಂಪರ್ಕಿಸುವುದು.

ವಂದನೆಗಳೊಂದಿಗೆ,

ತಮ್ಮ ವಿಶ್ವಾಸಿ

ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು

ಇವರಿಗೆ,

**The Principal,
Mangalore Institute of Technology &
Engineering, Badaga mijar
Moodbidri- 574 225**

ಪ್ರತಿ: ಡಾ. ಅನಂತರಾಜು, ಸಮಾಲೋಚಕರು, ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹ, ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಇಲಾಖೆ, ಬಹುಮಹಡಿ ಕಟ್ಟಡ, ಬೆಂಗಳೂರು



GOVERNMENT OF KARNATAKA

Vision Group on Science and Technology

Department of Information Technology, Biotechnology and Science & Technology
Karnataka Government Secretariat, Room No.702, 7th Floor, 4th Gate, M. S. Building, Dr. Ambedkar Veedhi,
Bangalore-560 001, Phone: 080-2203 2013

E-mail: visiongroup.st@gmail.com

Website: www.vgst.in

Dr. S. Ananth Raj
Consultant

No.VGST/K-FIST(L2) (2014-15)/2015-16

April 30, 2015

VGST - GRANT SANCTION LETTER

The Principal
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodbidri.

Dear Sir / Madam,

Sub: Release of I instalment for K-FIST (L2) grant for the FY: 2014-15 - Reg.

VGST is pleased to inform you that your institution has been selected for K-FIST (L2) grant by VGST - Subcommittee for FY:2014-15 for the proposal entitled "Technology aided agricultural optimization" submitted by the Programme Co-ordinator Dr. Nagesh HR belong to the Department Computer Science and Engineering of your College/university/Institution.

The K-FIST (L2) grant will be released to your institution over a period of 2 years in Two instalments. The first instalment of Rs.20 Lakhs is being released now for the FY: 2014-15.

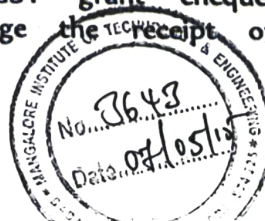
The K-FIST (Level-2) Grant break-up is as follows

FY: 2014 - 15	FY: 2015 - 16	Total grant
Rs.20.00 lakhs	Rs.20.00 lakhs	Rs.40.00 lakhs

The Grant Related Document (GRD) number corresponding to K-FIST (L2) grant of your institution GRD - 339. You are also requested to quote this GRD number in future correspondence with VGST.

VGST would like to inform you that the 2nd instalment will be released to grantee institution only after the issue of 'Audited Utilization Certificate (AUC)' by VGST auditors and after the submission of 'Progress Report (PART - C of GRD)' for the utilizing first year VGST grant.

The delay in issuing this VGST grant to your institution is regretted. I am herewith enclosing a crossed cheque for Rs.20,00,000/- (Twenty lakhs only) vide cheque No. 417776 dated 16-04-2015. Kindly deposit this VGST grant cheque in a separate SB A/C "VGST Grant" at the earliest. Acknowledge the receipt of this grant in the enclosed format.



.....2/-

Further, VGST requests the Programme Co-ordinator (PC) to visit VGST office on any convenient day before 20th May 2015 between 2.30 pm – 5.00 pm to collect GRD book. During your visit to VGST office, approval for the 'Budget Estimate' (both Non - Recurring and Recurring) will be given to fulfil the requirement of PC. The procurement of equipment, consumables etc., shall be initiated only after obtaining VGST's approval for the Budget Estimate (given in PART – A of GRD). VGST approved both Non-Recurring and Recurring is final.

Due to paucity of time, there will be no "collective / group interaction meeting" of the Programme Co-ordinator on any single day for the awardees. However, during a brief meeting with PC, VGST will highlight about (1) Budget Estimate approval (2) Procurement procedure (3) Auditing process etc., (ie., any day before 20/05/2015).

IMPORTANT NOTE:

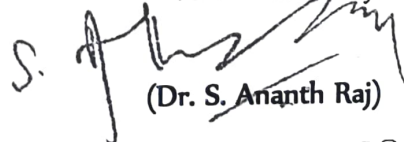
To facilitate the speedy implementation of VGST programme with in the allocated period of 8 months (FY: 2014-15) it is most essential and mandatory for both the Programme Co-ordinator and Grantee Institution to strictly adhere to the follow particular listed below. Any deviation and violation from the following instructions may lead to audit objection:

Sl. No.	Particulars		
1	It is mandatory to keep VGST grant in a separate SB A/C in a nationalized bank to facilitate smooth audit work. VGST 'Guidelines, Terms and Conditions (GTC)' does not allow to keep the VGST grant in any of the general SB A/C of the grantee institution.		
2	The procurement of equipment, consumables etc., shall be initiated only after obtaining VGST's approval for the Budget Estimate (given in PART – A of GRD). VGST approved both Non-Recurring and Recurring is final.		
3	Any further, request from Programme Co-ordinator or Grantee Institution for change of items & cost/price of the equipment in the VGST approved Budget Estimate is strictly not permitted by VGST authorities.		
4	It is mandatory to utilize 90% of the VGST grant under Non – Recurring expenditure (procuring Equipments through E-tender procedure) and the remaining 10% towards Recurring expenditure as indicated in the Budget Estimate.		
5	After the purchase formalities by PC/GI are completed (by 31/8/2015), it is mandatory to PC to submit 'PART – B of GRD' to VGST office which will be further send to the VGST auditor's <u>FRN - 0039685</u> and membership No. K.S. Madhava Murthy : 029946, Srinivas : 029180		
6	The total period of implementation of VGST programme (FY: 2014-15) is only 8 months from the VGST grant cheque date.		
	a)	The Grantee Institutions has to complete the purchase procedure formalities with in a 4 months period (from VGST grant cheque date)	
	b)	Last date the complete the Procurement process and submit 'PART – B' for Audit purpose	31 st August 2015
	c)	Last date to submit PART – C (Annual Progress Report / Final Progress Report)	31 st December 2015
	d)	Publishing at least one research paper in National or international journals is mandatory	
	e)	Early submission of PART – B & C will facilitate VGST to release the next instalment.	

Since, this VGST grant is released through K-STePS, the letter of K-STePS is also enclosed as Annexure – 1.

Thanking you,

Yours faithfully,


(Dr. S. Ananth Raj)

Copy to: Dr. Nagesh HR, Dept. of Computer Science and Engineering, Mangalore
Return to Index Institute of Technology and Engineering, Badaga Mijar, Moodbidri.

30 APR 2015



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

MODROB - Sanction Letter

F.No.9-250/IDC/MODROB/Policy-1/2019-20

Date: 20.07.2020

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.1196863/- (Rupees Eleven Lakh NinetySix Thousand Eight Hundred SixtyThree Only)** being the 1st installment **Grant-in-Aid** under the scheme **Modernization and Removal of Obsolescence (MODROB)** for the year **2019-20** payable during the current financial year **2020-21**- reg.

Sir,

With reference to the proposal submitted by the institute, this is to convey that the sanction of the Council for payment of **Rs.1496078/- (Rupees Fourteen Lakh NinetySix Thousand SeventyEight Only)** as sanctioned Grant-in-Aid under the **Modernization and Removal of Obsolescence (MODROB)** scheme, as per details given below:

1.	Name and address of the Beneficiary Institution:	Director/ Principal/ Registrar, MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING, BADAGA MIJAR, MOOBBIDRI, MANGALORE TQ-574225, DK KARNATAKA, INDIA		
2.	Title of Project:	Modernization of Aircraft structures lab with Advanced Vibration test and Nano-materials		
3.	Name of Coordinator:	Dr. PURUSHOTHAM G		
4.	Duration of the project:	2 years		
4.	Total Grant-in-aid Sanctioned:	Total: Rs.1496078/-	Non-Recurring (85%): Rs.1271666/-	Recurring (15%): Rs.224411/-
5.	Amount to be released during the year 2020-21:	1st Installment Rs.1196863/-	Non-Recurring (85%): Rs.1017333/-	Recurring (15%): Rs.179529/-
6.	Sanctioned grant-in-aid is debatable to:	Major Head 601.18(a) Gen. (Plan Head)		

- The amount of the Grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the Grant-in-Aid bill and shall be disbursed to and credited to the account of Director/Principal/Registrar of the Institute through RTGS/PFMS.
- This Grant-in-Aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.

The instructions/guidelines to be followed by University/Institution

1. Release of funds

- The Principal/ Director of the institute and the Coordinator of the project are hereby requested to verify the correctness of the undermentioned bank account/ RTGS details submitted by them along with the Proposal, in which the grant is being released:

F.No.9-250/IDC/MODROB/Policy-1/2019-20

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AABTR1685B	CANARA BANK	Church Road	Church Road, M00dabidri-574227	Principal	Saving Account	2764101012398	CNRB0002764

In case of any omission the same should be reported to AICTE immediately.

- The sanction is issued in exercise of the powers delegated to the council and other terms & conditions laid down in the guidelines of the scheme.
- 100% grant of the sanctioned amount is being released to Government/Govt. Aided institutions. Utilization Certificate (UC) and other requisite documents are to be submitted within one month of the completion of the project.
- To self-financed/Pvt. Institutions 80% of the sanctioned amount is being released as first installment followed by 20% as reimbursement after receipt of UC and other requisite documents as specified in terms & Conditions of MODROB Scheme.

II. Maintenance of accounts

- The Institute shall strictly follow the provisions laid down in the scheme document and sanction order No. F.No.9-250/IDC/MODROB/Policy-1/2019-20 dated 20.07.2020 issued by this office. All correspondences related to the project must contain this number along with year of sanction of the project; failing which correspondence will not be entertained.
- Funds covered by this grant shall be kept separately and would not be mixed up with other funds, so as to know the amount of interest accrued on the grant AICTE.
- The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure (list enclosed).
- The Council or its nominee shall have the right to check /verify the account to satisfy that the fund has been utilized for the purpose for it was sanctioned.
- The date of release of the grant by AICTE shall be taken as the date of commencement of the project. The Principal / Director / Registrar shall intimate about the receipt of the grant to AICTE. Any expenditure incurred prior to the issuance of the approval letter will not be allowed to be adjusted in the grant and if the Institution / University do not take the project work within one month of the receipt of the grant, the approval shall ipso fact lapse.
- After receipt of the grant from AICTE, the Institute shall send a confirmation to AICTE within 2 months of receipt of grant that the sanctioned project has been started/is in progress.

III. Refund of grant by way of a demand draft in favour of Member Secretary, AICTE, New Delhi

- If the college/institute does not have the Letter of Approval (LOA) or Extension of Approval issued by AICTE for the academic year 2020-21, the fund released should be immediately refunded to AICTE with interest accrued thereon.
- If project is not started within six months of the issuance of this Offer Letter, the released amount, along with interest accrued thereon, has to be necessarily returned to AICTE.
- In any case, if the institute is required to refund the grant or interest accrued thereon or balance amount, the amount will be refunded to AICTE.
- It may be ensured that the project is completed within the stipulated time. If the project is not completed in time, no further extension will be granted in any case and institute has to refund the entire amount to AICTE.
- As AICTE needs adequate time for depositing the Demand Draft in the bank, the same be immediately dispatched to avoid any lapse of the validity period.

IV. Submission of documents by college/institution after completion of Project/Subsequent years.

F.No.9-250/IDC/MODROB/Policy-1/2019-20

The following mandatory relevant documents are required to be submitted by the college/institution within one month of the completion of the project: -

- a. Feedback form in the prescribed proforma.
- b. The **Annual Progress Report (APR)** in the prescribed format along with the original Statement of actual Expenditure in the prescribed proforma duly signed by the Head of the institution and shall be submitted to AICTE not later than one month after completion.
- c. The **Utilization Certificate (UC)** supported by Audited Statement of Expenditure to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the AICTE immediately after completion of the project. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council. Audited Statement of Expenditure indicating expenditure incurred in the total duration of the project in the prescribed format and GFR-19 shall be submitted to the Council.
- d. In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed by a Chartered Accountant (with membership no., full address & stamp). Photocopies of formats are enclosed.
- e. **Program Evaluation Committee (PEC)** is required to be constituted at Institutional level. The constitution of the PEC shall be asunder:
 - (i) Principal/Director/Registrar of the Institution (Chairperson)
 - (ii) Coordinator of the project (Member Secretary),
 - (iii) Two HODs and one subject expert (Members).

The members of the said PEC shall not be below the rank of Associate Professor. The minutes of the meetings are to be submitted to the Council at end of the project along with other mandatory documents.

- f. Project completion report project indicating the activities undertaking, number of students benefited, laboratory works photographs of students, together with their views is to be submitted.
- g. Attested photocopies of supporting vouchers/bills of expenditure incurred for the completion of Project.
- h. Photographs of equipment's purchased.
- i. The balance amount of the grant will be reimbursed to the university/institution only on submission of the above documents. On receipt of these documents, the total amount of balance of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid shall be released, as second installment, in favour of the beneficiary institution.

V. General instructions

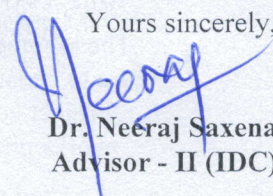
- a. The amount of interest accrued on the grant should be treated as part of the grant to be utilized for that particular project. However, the interest amount accrued along with grant disbursed should not exceed the total grant sanctioned for the project. The Institute receiving the grant should reflect the same in the audited statement of accounts/ utilization certificate and may either refund the interest amount to AICTE or AICTE shall adjust the same in the next installment of grant before its released.
- b. Any unavoidable circumstantial change in the project with respect to name of Project Coordinator for the MODROB project would mandatorily require prior approval of the Council. All such requests should be addressed to AICTE, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council. Kindly mention the File No.9-1/RIFD/MOD/Policy-1/2019-20 in your future correspondence.
- c. The grantee shall maintain an audited record of assets acquired wholly or substantially out of the Grant-in-Aid and a register of assets shall be maintained by the Institute in the prescribed form i.e.GFR-19.
- d. The College / Institute receiving grant under MODROB is expected to put up a plaque at the main entrance of the Lab/Department, which has been modernized using the grant. All the equipment procured through the project should be super scribed with AICTE project file number.

F.No.9-250/IDC/MODROB/Policy-1/2019-20

- e. The assets acquired wholly or substantially out of grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the AICTE and should at any time the institution cease to function, such assets shall revert to the AICTE.
- f. The grantee Institution shall observe all financial norms and guidelines as prescribed by the AICTE/ Government of India from time to time. GOI GFR rules (@<https://doe.gov.in/order-circular/general-financial-rules2017-0>) should be followed during utilization of grant.

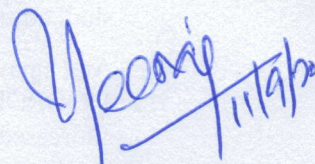
List of Equipment's approved:

Name of Equipments
3 axis Accelerometer for Vibration analysis
Pin on disk Tribometer
Dynamic Signal analyzer
Desktop computer
Vibration Generator
Shear Center Test Rig
Digital Strain Gauge

Yours sincerely,

Dr. Neeraj Saxena
Advisor - II (IDC)

Copy forwarded for information and necessary action to:

1. **Name and Address of the Coordinator,**
Dr. PURUSHOTHAM G
MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING, BADAGA MIJAR, MOODBIDRI,
MANGALORE TQ-574225, DK KARNATAKA,INDIA,574225
2. **The Registrar / Director / Principal,**
Dr. PURUSHOTHAM G
MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING, BADAGA MIJAR, MOODBIDRI,
MANGALORE TQ-574225, DK KARNATAKA,INDIA 574225
3. **Guard File**


Dr. Neeraj Saxena
Advisor - II (IDC)

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



MODROB - Sanction Letter

F.No.9-268/RIFD/MOD/Policy-1/2018-19

Date: 04.12.2019

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.1085600/- (Rupees Ten Lakh EightyFive Thousand Six Hundred Only) being the Grant-in-Aid under the scheme Modernization and Removal of Obsolescence (MODROB) for the year 2018-19 payable during the current financial year 2019-20- reg.

Sir,

With reference to the proposal submitted by the institute, this is to convey that the sanction of the Council for payment of **Rs.1357000/- (Rupees Thirteen Lakh FiftySeven Thousand Only)** as Grant-in-Aid under the Modernization and Removal of Obsolescence (MODROB) scheme, as per details given below:

1.	Name and address of the Beneficiary Institution:	Director/ Principal/ Registrar, MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING, BADAGA MIJAR, MOODBIDRI, MANGALORE TQ-574225, DK KARNATAKA,INDIA Karnataka -574225		
2.	Title of Project:	Modernization of Materials Testing Lab		
3.	Name of Coordinator:	Dr. RAJASHEKHAR C R		
4.	Duration of the project:	2 Years		
4.	Total Grant-in-aid Sanctioned:	Total: Rs.1357000/-	Non-Recurring (85%): Rs.1153450/-	Recurring (15%): Rs.203550/-
5.	Amount to be released during the year 2019-20:	1st Installment Rs.1085600/-	Non-Recurring (85%): Rs.922760/-	Recurring (15%): Rs.162840/-
6.	Sanctioned grant-in-aid is debitable to:	Major Head 601.18(a) Gen. (Plan Head)		

- The amount of the Grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the Grant-in-Aid bill and shall be disbursed to and credited to the account of Director/Principal/ Registrar of the Institute through RTGS/PFMS.
- This Grant-in-Aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.

THE INSTRUCTIONS/GUIDELINES TO BE FOLLOWED BY UNIVERSITY/INSTITUTION**I. Release of funds:**

- The Principal/ Director of the institute and the Coordinator of the project are hereby requested to verify the correctness of the under mentioned bank account/ RTGS details submitted by them along with the Proposal, in which the grant is being released:

Institute PAN No.	Bank Name	Bank Branch Name	Branch Address	Account Holder Name	Account Type	Account Number	IFSC
AABTR16 SSB	CANAR A BANK	Church Road	Church Road, Moodbidri- 574227	Principal	Saving Account	2764101012398	CNRB00 02764

In case of any omission the same should be reported to AICTE immediately.

- The sanction is issued in exercise of the powers delegated to the council and other terms &

- d) In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed by a Chartered Accountant (with membership no., full address & stamp). Photocopies of formats are enclosed.
- e) Program Evaluation Committee (PEC) is required to be constituted at Institutional level. The constitution of the PEC shall be asunder:
 - i. Principal/Director/Registrar of the Institution(Chairperson)
 - ii. Coordinator of the project (Member Secretary),
 - iii. Two HODs and one subject expert(Members).
 - iv. The members of the said PEC shall not be below the rank of Associate Professor. The minutes of the meetings are to be submitted to the Council at end of the project along with other mandatory documents.
- f) Project completion report project indicating the activities undertaking, number of students benefited, laboratory works photographs of students, together with their views is to be submitted.
- g) Attested photocopies of supporting vouchers/bills of expenditure incurred for the completion of Project.
- h) Photographs of equipment's purchased.
- i) The balance amount of the grant will be reimbursed to the university/institution only on submission of the above documents. On receipt of these documents, the total amount of balance of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid shall be released, as second installment, in favour of the beneficiary institution.

V. General instructions

- a) The amount of interest accrued on the grant should be treated as part of the grant to be utilized for that particular project. However, the interest amount accrued along with grant disbursed should not exceed the total grant sanctioned for the project. The Institute receiving the grant should reflect the same in the audited statement of accounts/ utilization certificate and may either refund the interest amount to AICTE or AICTE shall adjust the same in the next installment of grant before its release.
- b) Any unavoidable circumstantial change in the project with respect to name of Project Coordinator for the MODROB project would mandatorily require prior approval of the Council. All such requests should be addressed to AICTE, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council. Kindly mention the File No.9-268/RIFD/MOD/Policy-1/2018-19 in your future correspondence.
- c) The grantee shall maintain an audited record of assets acquired wholly or substantially out of the Grant-in-Aid and a register of assets shall be maintained by the Institute in the prescribed form i.e.GFR-19.
- d) The College / Institute receiving grant under MODROB is expected to put up a plaque at the main entrance of the Lab/Department, which has been modernized using the grant. All the equipment procured through the project should be super scribed with AICTE project file number.
- e) The assets acquired wholly or substantially out of grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the AICTE and should at any time the institution cease to function, such assets shall revert to the AICTE.
- f) The grantee Institution shall observe all financial norms and guidelines as prescribed by the AICTE/ Government of India from time to time. GOI GFR rules ([@https://doe.gov.in/order-circular/general-financial-rules2017-0](https://doe.gov.in/order-circular/general-financial-rules2017-0)) should be followed during utilization of grant.

List of Equipment's approved :

Date:29.11.2019

F.No.9-262/RIFD/MOD/Policy-I/2018-19

Name of Equipments
Double-disc grinding and polishing machine for metallographic specimen / sample polisher grinder
MUFFLE FURNACE
Fatigue Testing Machine
Pin on disc wear and friction testing machine metal and composite metal tribometer tester with computer interfacing
Vic

Yours sincerely,



Prof. Dileep N. Malkhede
Advisor-1 (RIFD)

Copy forwarded for information and necessary action to:

1. ✓ Name and Address of the Coordinator,
Dr. RAJASHEKHAR C R,
MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING,
BADAGA MIJAR, MOOBBIDRI, MANGALORE TQ-574225,
DK KARNATAKA,INDIA Karnataka -574225
2. The Registrar / Director / Principal,
MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING,
BADAGA MIJAR, MOOBBIDRI, MANGALORE TQ-574225,
DK KARNATAKA,INDIA Karnataka -574225
3. Guard File

Prof. Dileep N. Malkhede
Advisor-1 (RIFD)

विकास आयुक्त का कार्यालय
(सूक्ष्म, लघु और मध्यम उद्यम)
सूक्ष्म लघु और मध्यम उद्यम मंत्रालय
(भारत सरकार)

निर्माण भवन, सातवीं मंजिल, मौलाना आजाद रोड,
नई दिल्ली-110 108



OFFICE OF THE DEVELOPMENT COMMISSIONER
(MICRO, SMALL & MEDIUM ENTERPRISES)
MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES
GOVERNMENT OF INDIA
Nirman Bhawan, 7th Floor, Maulana Azad Road,
New Delhi - 110 108

Ph EPABX - 23063800, 23063802, 23063803 FAX - (91-11) 23062315, 23061726, 23061068, e mail - dcmsmehq@nb nic in

No. 6(19)/NMCP/Inc/MITE/2018-19

Dated: 24.09.2018

To
Dr. G L Easwara Prasad
Mangalore Institute of Technology and Engineering
Badagamijar, Moodabidri, Mangaore Taluq, DK District,
Karnataka – 574225.

To
Prof. Narendar
4/10/2018

Subject: Copy of the Agreement between Gol and HI.

Sir,

Kindly refer to your letter no. Nil dated- 16.07.2018 wherein you have been sent the Agreement between Gol and HI. One set (Copy) of the Agreement between Gol and HI duly signed by the Competent Authority is enclosed herewith for your records and necessary action at your end.

You are requested to submit online the proposal of new innovative ideas duly recommended by the local management committee for Gol assistance in the prescribed format as per the scheme guidelines. The details of the format and scheme guidelines are available at link <http://www.dcsmse.gov.in/scheme/incubator10pdf>.

Encl: a/a

Yours faithfully,

(B.P. Singh)
Asstt. Director (Inc.)

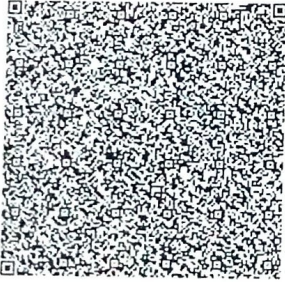


सत्यमेव जयते

INDIA NON JUDICIAL Government of Karnataka

e-Stamp

Certificate No.	: IN-KA58834803052878Q
Certificate Issued Date	: 21-May-2018 12:33 PM
Account Reference	: NONACC (FI)/ kaksfcl08/ MOODUBIDRI1/ KA-DK
Unique Doc. Reference	: SUBIN-KAKAKSFCL0862704991426710Q
Purchased by	: MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING
Description of Document	: Article 12 Bond
Description	: AGREEMENT
Consideration Price (Rs.)	: 0 (Zero)
First Party	: GOVT OF INDIA
Second Party	: MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING
Stamp Duty Paid By	: MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING
Stamp Duty Amount(Rs.)	: 100 (One Hundred only)



(Signature)
Authorized Signatory
P. Bharath Souharda
Co-Operative Ltd
Woodbidri - 57427

-----Please write or type below this line-----

Agreement for Utilization of Funds under the Scheme for Providing Support for Entrepreneurial and Managerial Development of SMEs through Incubators

AGREEMENT

This Agreement has made and entered into 20 Day of ^{August}, 2018 by and between the President of India represented by Shri/Smt. Vinay Adlaicha, Dy. Director Ministry of Micro, Small & Medium Enterprises, Government of India (hereinafter referred to as 'The First Party' which expression shall unless repugnant to the context or meaning thereof, include its successor in interest and permitted assigns) of the one part.

(Signature)
21/5/18

(Signature)

Signature Alert:

Use of this Stamp Certificate should be verified at "www.shoilestamp.com". Any discrepancy in the details on this Certificate and as website renders it invalid. Making the legitimacy is on the users of the certificate.

And

Dr. G L Easwara Prasad, for the Host Institution and its legal status, having its registered office at **Mangalore Institute of Technology and Engineering, Badagamijar, Moodabidri, Mangalore Taluq, DK District, Karnataka State - 574225** (hereinafter referred to as 'The Second Party' which expression shall unless repugnant to the context or meaning thereof, include its successor in interest and permitted assigns) on the other part.

WHEREAS, the Government wishes to assist the BUSINESS INCUBATOR through HOST INSTITUTION (HI) in Public Private Partnership (PPP) mode to help the entrepreneurial venture to succeed,

AND WHEREAS, the HI is willing to perform this assignment,

NOW, THEREFORE, THE PARTIES hereby agree as follows:

1.0 PREAMBLE

1.1 In order to support and promote untapped creativity of the individual innovators, Government has formulated a scheme for providing support for Entrepreneurial and Managerial Development of SMEs Through Incubators" (hereinafter referred to as the "SCHEME"). The SCHEME envisages forging linkages of innovators and entrepreneurs with important constituents of the innovation chain, viz., research/academic institutes and business incubators, so as to leverage the available know-how, expertise, facilities and infrastructure in such institutions to help the entrepreneurial ventures to succeed.

1.2 It has been agreed by the Government to support **MITE Business Incubator** (Name of the BUSINESS INCUBATOR) located at **Moodabidri, Karnataka** and hosted by **Mangalore Institute of Technology and Engineering** (name of the HOST INSTITUTE) based on a request made by the HOST INSTITUTE and after obtaining necessary approvals.

2.0 RESPONSIBILITIES OF THE HOST INSTITUTE

2.1 The HOST INSTITUTE shall undertake to create (if not already created) an entity for undertaking business incubation and entrepreneurship development activities and executing obligations under the proposed SCHEME. This entity is referred henceforth as the BUSINESS INCUBATOR.

2.2 The activities of the BUSINESS INCUBATOR shall include:

2.2.1 Nucleation of new business ideas by creating the environment and opportunities for know-how providers, entrepreneurs and financiers to meet each other and form business teams;


20/2/12



2.2.2 Nurturing businesses in their start-up phase by creating and running an efficient business incubator offering not only space but also access to technology support, business mentoring, networks, scientific and information resources, and a generally conducive and supportive environment; and

2.2.3 Promoting and running an active program for identification, creation, acceleration and translation (into practice) of business ideas suitable for new venture creation.

2.3 The HOST INSTITUTE shall provide ready-to-use, dedicated space for housing and operation of the BUSINESS INCUBATOR.

2.4 The HOST INSTITUTE shall be responsible for providing access to basic infrastructural facilities, office facilities and laboratory/ facilities for the BUSINESS INCUBATOR.

2.5 The HOST INSTITUTE shall be responsible for arranging the resources for the day-to-day operation of the BUSINESS INCUBATOR.

2.6 The operation of the BUSINESS INCUBATOR shall be governed by the Managing Committee which will be constituted with the approval of the Board of Governors (BOG) of the Host Institutions and comprise of at least the following:

2.6.1 Executive Head of the BUSINESS INCUBATOR (Ex-officio Chairperson).

2.6.2 One representative of the Government of India's promoter agency, in present case representative of Office of the DC (MSME), New Delhi (Member).

2.6.3 One representative of the industry/industry association (Member).

2.6.4 One representative of the financial institutions (Member).

2.6.5 One representative from the academic community of the HOST INSTITUTION (Member).

2.6.6 One R&D expert (Member).

2.6.7 BUSINESS INCUBATOR Manager (Member-Secretary).


2.7 The Managing Committee shall be responsible for the overall monitoring and evaluation of the BUSINESS INCUBATOR on a periodic basis (preferably six-monthly). The reports of the periodic review shall be made available to all the promoters of the BUSINESS INCUBATOR.

2.8 The BUSINESS INCUBATOR shall be run by dedicated staff and shall also utilize the services of faculty/staff of the HOST INSTITUTE or experts from outside.

3.0 IMPLEMENTATION OF THE SCHEME AND FINANCIAL ARRANGEMENTS

3.1 The Managing Committee shall be responsible for publicizing the SCHEME and seeking proposals under the scheme in the approved format.


20/2/12



3.2 The Managing Committee or sub-committee thereof shall vet the feasibility of the proposals received and recommend proposals to the Government for support under the SCHEME through the BUSINESS INCUBATOR.

3.3 The Managing Committee shall ensure that the selection of entrepreneurs/ incubatees is fair and the disbursement/utilization of the fund is done with fairness to the entrepreneur/ incubatee.

3.4 The Managing Committee shall ensure that the fund requested for one idea in the proposal does not exceed Rs. 8 lakh. The Government shall provide Rs. 62.5 lakh (@ Rs. 6.25 lakh per idea) to the HOST INSTITUTION/ BUSINESS INCUBATOR towards supporting ten entrepreneur/ incubatees for costs relating to technology fee, guidance fee for mentors/ handholding persons, hiring or leasing cost of machinery/equipment/instruments or related services, office facilities (like telephone, fax, computers etc), infrastructural facilities (accommodation charges, utilities), etc. In addition, each HOST INSTITUTION/ BUSINESS INCUBATOR shall receive Rs. 37,800 per idea towards upgradation of its infrastructure and orientation/training.

3.5 Under the SCHEME, the entrepreneur/incubatee is expected to contribute a minimum of 15% (for micro enterprises) or 25% (for small enterprises) of the total project cost. The Managing Committee shall ensure that this requirement is met by the entrepreneur/ incubatee.

3.6 On receipt of recommended proposals from the Managing Committee of the BUSINESS INCUBATOR, the Government shall (after due process and approvals) initially release 30% of the approved disbursal amount with the balance being released in one or more installments once the HOST INSTITUTION/BUSINESS INCUBATOR has utilized the earlier amount and submitted the utilization certificate duly certified by the authorized signatory.


3.7 The HOST INSTITUTION/BUSINESS INCUBATOR shall maintain separate accounts of the funds received and expenditure incurred on various activities. Further, the BI would submit Annual Accounts, Audited expenditure Statement and Utilization Certificate to the Government

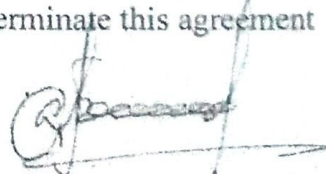
4.0 GENERAL

4.1 The HOST INSTITUTION/BUSINESS INCUBATORS shall submit the agreement made by them and with INCUBATEE to the Government before release of funds to the HI/BI for utilization by the incubatee. This agreement will be as per format in APPENDIX-II.

4.2 The assets created through the scheme shall not be transferred/disposed off without prior permission of the Office of the Government.

4.3 In the event it is found that the HI/BI has not utilized amount of grant, or any part of it, for the purpose agreed to in clause (2) of this agreement or has subsequently disposed off any of the assets acquired out of the grant without prior permission of the Government, the Government without prejudice to any other right, shall be entitled to terminate this agreement





5.0 DISPUTE RESOLUTION

5.1 Any disputes shall be settled amicably between parties through the intervention and assistance of the Executive Head of the 'BUSINESS INCUBATOR'. If the dispute is not resolved, then the matter may be escalated to the attention of the Executive Head of the Host Institute. If the dispute is still not resolved then the matter be referred to the Additional Secretary & Development Commissioner (MSME) whose decision shall be final and binding on all parties.

5.2 Any disputes, which cannot be settled amicably between the parties shall be referred for arbitration in accordance with the provision of Arbitration and Conciliation Act, 1996 to an arbitrator nominated by the Secretary, Department of Legal Affairs, M/o Law & Justice, Government of India. Provision of the Arbitration and Conciliation Act, 1996, as amended from time to time, shall be applicable. Courts in Delhi shall have jurisdiction in the matter

6.0 NOTICE

6.1 The address of the Parties for all communications is:


Government

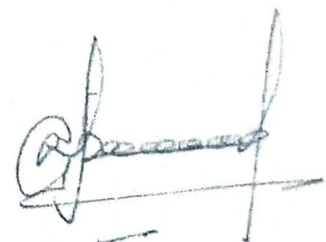
Additional Development Commissioner &
Economic Advisor (MSME),
Office of Development Commissioner
(MSME)
7th Floor, Nirman Bhawan
New Delhi – 110108

Incubator

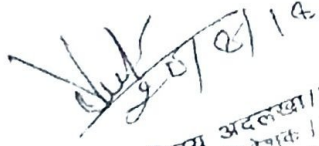
Principal,
Mangalore Institute of Technology and
Engineering,
Badagamijar, Moodabidri
Dakshina Kananda Dist
Karnataka - 574225

6.2 All notices with the aforesaid address sent by pre-paid registered post or speed post or sent by fax with confirmation of its delivery or e-mail shall be deemed to have been served and received by the addressee within the time they should have been delivered/received at the addressee's end. Any change of address will not be valid unless acknowledged by the other party.



24/1/10




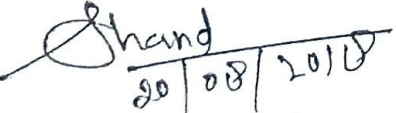
IN WITNESS WHEREOF, the representative of the Parties to this agreement being duly authorized have hereunto set their hands and have executed those present this 20th day of August 2018



विनय अदलखा / VINAY ADLAKHA
उप निदेशक / Deputy Director
संघ प्रसार / Govt of India
विकास
Office of the Development Commissioner (MSME)
Ministry of Micro, Small & Medium Enterprises
निर्माण भवन, नई दिल्ली-110018
For & on behalf of the President of India
Additional Development Commissioner &
Economic Adviser (MSME),
Office of the Development Commissioner
(MSME)
7th Floor, Nirman Bhawan
New Delhi – 110108


Head of the Institution
Mangalore Institute of Technology & Engineering
Badaga MIJE, Moodabidri, Dist - 574 225


Witness: 
20/08/18
B.P. Singh
AD (Ine.)
DC MSME - New Delhi

Witness: 
NARENDRA U.P
Narendra U P
Dean (Placement & Training)
Mangalore Institute of Technology and Engineering
Badagamijar PO, Moodabidri DK Dist - 574225
Tel : 08258 262695 - 99 EXT: 165

Witness: 
20/08/2018
Subhash Chand
AD (Ine.)
D/o De (MSME)
New Delhi

Witness: 
Dr. Ganesha Mopavara
DR. GANESH MOPAVARA
PROFESSOR & HEAD
DEPT. OF CIVIL ENGINEERING
MITE
BADAGAMIJAR, MOODABIDRI



To,
The Principal,
Mangalore Institute of Technology and Engineering,
Dakshina Kannada – 574225

Date: 19-01-2021

Dear Sir,

Sub: Declaration of Batch-2 project results reg.

We are pleased to inform you that the projects submitted by the NAIN center of your college have been evaluated. Please find the enclosed hereby the list of projects that have qualified for the students project fund under NAIN scheme.

Kindly ensure that the project cost should not surpass the grant limit of Rs. 3 Lakh per project as per the guidelines.

Thanking You

Yours faithfully

[Praveen K N]

GM- Skilling, KITS

MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODBIDRI

(An ISO 9001:2015 Certified Institution)

MITE NAIN INCUBATION CENTER

SL. No.	Title	Team lead	Semester	Department	Contact	Mentor	Fund granted (in Lakhs)
1	Instant NPK Analyser	Jayantha Nayak	6	ECE	9483412141	Guruprasad A M	2.45
		Ghanashyam B	6	MTR			
		Yash S Jogi	6	MTR			
		Niranjan Kamath	6	ME			
		Shreesha Bhat	6	ISE			
		Manoj P	6	ECE			
2	Godsend: A helping hand at times you need	Shashan Ram	8	CSE	6362785581	Shreekumar	2.55
		Vineeth V Pai	8	CSE			
		Akshay A S	8	CSE			
3	Medical Emergency Drone	Lanston P Fernandes	8	ME	7348945501	Dr. C R Rajashekar	2.59
		Smitha Prabhu	6	ECE			
		Royston Parambil	6	MTR			
		Vishisht P	6	ECE			
		Nishal	8	ECE			
		Someya K	6	CSE			
		Bhavesh Sharma	6	MTR			
4	Areca Sprayer	Karthik K Kumar	8	CSE	9535415926	Shivaprasad T K	2.33
		Avinash Godvin	8				
		Bharath Kumar	8				
		Derryl Ashwin	8				
		Karthikeya V	8				
		Mithun N	8				
5	Agua- Smart bottle	Sameeksha	6	MTR	6361030955	Swapna Srinivasan & Praveen Shenoy	2.46
		Manuel	6	MTR			
		Nagashree	6	MTR			
		Shafail	6	CV			
6	The Food Ambulance	Mohd. Nabhan	8	CSE	9901710336	Shivaprasad	2.657
		Aayush Aman	8	CSE			
		Prem shankar Mishra	8	CSE			
		Mohd. Sahil	8	ME			
		Alifa shaikh	8	CSE			
		Aishwarya K	8	CSE			
		Animesh Mehta	8	CSE			
7	TouchReno: Home Renovation App	Sabith Ahmad	8	MTR	7349380764	Sunil Kumar S	2.398
		Mohd. Nooruzumaan	8	CSE			

8	Airit	Abhijith B	8	ME	7760006193	Dr. Gajanan Naik	2.72
		Mohd. Faisal	8				
9	Polarised wind sheild glass for vehicles	Sanjay M	8	ME	9606434486	Swaroop	2.69
		Abhay Kumar	8				
		Nishanth Raj	8				
		Pavan K	8				
		Manthan Shetty	8				
10	Dehusking & segregation of Arecanuts	Akshay A S	8	CSE	8277074305	Glenson Toney	2.682
		Krishnamoorthy K	Alumni-Accelerlab Technologies				
		Anantha P	Alumni-Accelerlab Technologies				


Manager
 MITE NAIN Incubation Center
 K-Tech Innovation Hub
 Manipal Institute of Technology & Engineering
 M. J. Mijar, Moodbidri-574225

To
The Principal,
Mangalore Institute of Technology and Engineering,
Dakshina Kannada - 574225

Date: 11-03-2019

Dear Sir,

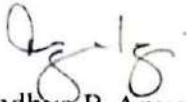
Sub: Declaration of project evaluation results reg.

We are pleased to inform you that the projects submitted by the NAIN centre of your college have been evaluated. Please find enclosed hereby the list of projects that have qualified for the Students Project Fund under the NAIN scheme.

Kindly ensure that the project cost should not surpass the grant limit of Rs. 3 lakh per project.

Thanking You

Yours faithfully



[Dr. Sandhya R Anvekar]


Head: Skilling

NAIN - KITS

Evaluation Details:

Sl. No.	Project Title	Project Cost
1	Piezo Electric Shoe	2,75,000/- ✓
2	Quad-copter in Agriculture	2,74,000/- ✓
3	Agro Box	2,85,000/- ✓
4	Smart Safety Locket	1,95,000/- ✓
5	SCHSA – System	2,35,000/- ✓
6	Agro Based Automatic Neera Tapping Machine	1,85,000/- ✓
7	Areklumber: Design and Fabrication of Semi-Automated Areca Nut Tree Sprayer and Harvester Machine	2,15,000/- ✓
8	Vajra Technomobiles	2,95,000/- ✓
9	Lifeline: Portable device that detects various health problems	2,12,000/- ✓
10	HOME CHEF	1,56,500/- ✓
Total		23,27,500/- ✓


Manager
MITE NAIN Incubation Center
K-Tech Innovation Hub
Mangalore Institute of Technology & Engineering
Badaga Mijar, Moodbidri-574225





Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in
office.kscst@iisc.ac.in

Mr. H. Hemanth Kumar
Executive Secretary

16th March 2020

Ref: 7.1.01/SPP/953

The Principal,
Mangalore Institute of Technology and Engineering,
Moodabidri - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series: Year 2019-2020

Your Project Proposal Reference No. : **43S_BE_3869**

Ref : Your Project Proposal entitled " **DESIGN AND MODELLING OF A VERTICAL AXIS WIND TURBINE TO EXTRACT WIND ENERGY FROM HIGHWAYS TO POWER ELECTRIC VEHICLE CHARGING STATIONS**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 43rd Series" with a budgetary break-up as detailed below:

Student / s	Mr. Sanjay M.V.	Budget	
	Mr. Clavin Wilton Sequeira	Particulars	Amount (Rs.)
	Mr. T.D. Teeshma	Materials/Consumables	6,000.00
	Ms. Vishalakshi T. Bandiwad	Labour	500.00
Guide/s	Mr. Vishwaretha K.R.	Travel	500.00
	-	Miscellaneous	-
Department	Aeronautical Engineering	Report	500.00
		Total	7,500.00
	Seven Thousand Five Hundred Rupees Only		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The sanctioned amount will be sent through crossed cheque to the Principal. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

1) The Head of the Department of
Aeronautical Engineering
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.

2) Mr. Vishwaretha K.R.
Department of Aeronautical Engineering
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.

3) The Finance Officer, KSCST, Bengaluru

Encl: As Above

Mr. H. Hemanth Kumar
Executive Secretary

16th March 2020

Ref: 7.1.01/SPP/953

The Principal,
Mangalore Institute of Technology and Engineering,
Moodabidri - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series: Year 2019-2020

Your Project Proposal Reference No. : 43S_BE_1036

Ref : Your Project Proposal entitled " **ANTROPOTECHNIQUE SMART VERMI BIN FOR SUSTAINABLE SOLID WASTE MANAGEMENT**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 43rd Series" with a budgetary break-up as detailed below:

Student / s	Mr. Allan Robin Pereira	Budget	
	Ms. Ankita Jaiwant Naik	Particulars	Amount (Rs.)
	Mr. Sharan Acharya	Materials/Consumables	2,000.00
	Mr. Abhideep S	Labour	500.00
Guide/s	Dr. Jayaprakash M C	Travel	1,000.00
	-	Miscellaneous	500.00
Department	Interdisciplinary (Civil & Ece)	Report	500.00
		Total	4,500.00
	Four Thousand Five Hundred Rupees Only		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The sanctioned amount will be sent through crossed cheque to the Principal. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

1) The Head of the Department of
Interdisciplinary (Civil & Ece)
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.

2) Dr. Jayaprakash M C
Department of Interdisciplinary (Civil & Ece)
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.

3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

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Mr. H. Hemanth Kumar
Executive Secretary

16th March 2020

Ref: 7.1.01/SPP/953

The Principal,
Mangalore Institute of Technology and Engineering,
Moodabidri - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series: Year 2019-2020

Your Project Proposal Reference No. : **43S_BE_1037**

Ref : Your Project Proposal entitled " **GROUNDWATER UTILIZATION AND ITS ENVIRONMENTAL SUSTAINABILITY IN COASTAL AQUIFERS**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 43rd Series" with a budgetary break-up as detailed below:

Student / s	Ms. Anupama J	Budget	
	Mr. Shrajan Kumar Shetty K	Particulars	Amount (Rs.)
	Ms. Nithu N V	Materials/Consumables	2,000.00
	Mr. Ullas K	Labour	500.00
Guide/s	Dr. Jayaprakash M C	Travel	500.00
	-	Miscellaneous	500.00
Department	Civil Engineering	Report	500.00
		Total	4,000.00
	Four Thousand Rupees Only		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The sanctioned amount will be sent through crossed cheque to the Principal. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

1) The Head of the Department of
Civil Engineering
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.

2) Dr. Jayaprakash M C
Department of Civil Engineering
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.

3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



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office.kscst@iisc.ac.in

Mr. H. Hemanth Kumar
Executive Secretary

16th March 2020

Ref: 7.1.01/SPP/953

The Principal,
Mangalore Institute of Technology and Engineering,
Moodabidri - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series: Year 2019-2020

Your Project Proposal Reference No. : 43S_BE_1041

Ref : Your Project Proposal entitled " **A STUDY ON BASALT FIBER REINFORCED COMPOSITE STRUCTURAL PANELS AS ALTERNATIVE BUILDING MATERIAL**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 43rd Series" with a budgetary break-up as detailed below:

Student / s	Mr. Pavan H N	Budget	
	Ms. Bhoomika S	Particulars	Amount (Rs.)
	Mr. Chandan R S	Materials/Consumables	3,000.00
	Mr. Rakshith	Labour	-
	Mr. Yashwanth M K	Travel	-
	-	Miscellaneous	500.00
Guide/s	Civil Engineering	Report	500.00
		Total	4,000.00
Department	Four Thousand Rupees Only		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The sanctioned amount will be sent through crossed cheque to the Principal. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

1) The Head of the Department of
Civil Engineering
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.

2) Mr. Yashwanth M K
Department of Civil Engineering
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.

3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



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Indian Institute of Science Campus, Bengaluru - 560 012

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Mr. H. Hemanth Kumar
Executive Secretary

16th March, 2020

Ref: 7.1.01/SPP/953

The Principal,
Mangalore Institute of Technology and Engineering,
Moodabidri - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series: Year 2019-2020

Your Project Proposal Reference No. : 43S_BE_1042

Ref : Your Project Proposal entitled " **EXPERIMENTAL INVESTIGATION ON PAVER BLOCKS BY PARTIAL REPLACING CEMENT BY LEAD SLAG, SAND BY M-SAND, WITH ADDITION OF WASTE PLASTIC BAGS**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 43rd Series" with a budgetary break-up as detailed below:

Students	Ms. Yashoda C Lamani	Budget	
	Mr. Sunil Rathod	Particulars	Amount (Rs)
	Mr. Vinay L J	Materials/Consumables	2,500.00
	Mr. Yogesh Mahesh Nagmule	Labour	500.00
Guide/s	Mr. Akshaya Krishna N	Travel	500.00
	Er. Rajendra Kalbhavi	Miscellaneous	500.00
Department	Civil Engineering	Report	500.00
		Total	4,500.00
	Four Thousand Five Hundred Rupees Only		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important: After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following points:
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

5) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The following are the extract of comments / suggestions of the expert. The students and project guides are hereby directed to implement the same and will be looked into during evaluation of the project.

AVOID PLASTIC, USE ONLY SLAG AND OTHERS

The sanctioned amount will be sent through crossed cheque to the Principal. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by email / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

- 1) The Head of the Department of
Civil Engineering
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.
- 2) Mr. Akshaya Krishna N
Department of Civil Engineering
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.
- 3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



Karnataka State Council for Science and Technology

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Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in
office.kscst@iisc.ac.in

Mr. H. Hemanth Kumar
Executive Secretary

16th March 2020

Ref: 7.1.01/SPP/953

The Principal,
Mangalore Institute of Technology and Engineering,
Moodabidri - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series: Year 2019-2020

Your Project Proposal Reference No. : **43S_BE_3876**

Ref : Your Project Proposal entitled " **GENERATION OF PHOTO REALISTIC IMAGES USING GAN AND SPADE**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 43rd Series" with a budgetary break-up as detailed below:

Student / s	Mr. Adarsh Krishna Revankar	Budget	
	Ms. Akshaya M	Particulars	Amount (Rs.)
	Mr. Dogra Jagtamba Prasad	Materials/Consumables	2,000.00
	-	Labour	-
Guide/s	Dr. Venkatramana Bhat P	Travel	500.00
	-	Miscellaneous	-
Department	Computer Science And Engineering	Report	500.00
		Total	3,000.00
	Three Thousand Rupees Only		

The following are the guidelines to carryout the project work :

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- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The sanctioned amount will be sent through crossed cheque to the Principal. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

- 1) The Head of the Department of
Computer Science And Engineering
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.
- 2) Dr. Venkatramana Bhat P
Department of Computer Science And Engineering
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.
- 3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



Karnataka State Council for Science and Technology

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office.kscst@iisc.ac.in

Mr. H. Hemanth Kumar
Executive Secretary

16th March 2020

Ref: 7.1.01/SPP/953

The Principal,
Mangalore Institute of Technology and Engineering,
Moodabidri - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series: Year 2019-2020

Your Project Proposal Reference No. : **43S_BE_1027**

Ref : Your Project Proposal entitled " **AOTOMATED STILL WATER TRASH COLLECTING BOAT**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 43rd Series" with a budgetary break-up as detailed below:

Student / s	Ms. Sowmyashree	Budget	
	Ms. Shrirathna K G	Particulars	Amount (Rs.)
	Ms. Sruthi P Nair	Materials/Consumables	3,000.00
	Ms. Pooja	Labour	-
Guide/s	Mr. Krishnamoorthy K	Travel	-
	-	Miscellaneous	500.00
Department	Computer Science And Engineering	Report	500.00
		Total	4,000.00
	Four Thousand Rupees Only		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The sanctioned amount will be sent through crossed cheque to the Principal. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

1) The Head of the Department of
Computer Science And Engineering
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.

2) Mr. Krishnamoorthy K
Department of Computer Science And Engineering
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.

3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in
office.kscst@iisc.ac.in

Mr. H. Hemanth Kumar
Executive Secretary

16th March 2020

Ref: 7.1.01/SPP/953

The Principal,
Mangalore Institute of Technology and Engineering,
Moodabidri - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series: Year 2019-2020

Your Project Proposal Reference No. : **43S_BE_1022**

Ref : Your Project Proposal entitled " **AUTOMATIC HEADLAMP CONTROL USING MICROCONTROLLER**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 43rd Series" with a budgetary break-up as detailed below:

Student / s	Mr. Bhargavakrishna S K	Budget	
	Ms. Kavya S	Particulars	Amount (Rs.)
	Ms. Kavya G G	Materials/Consumables	4,000.00
	Mr. Abhishek	Labour	500.00
Guide/s	Dr. Vinayambika S Bhat	Travel	500.00
	-	Miscellaneous	-
Department	Electronics And Communication Engineering	Report	500.00
		Total	5,500.00
	Five Thousand Five Hundred Rupees Only		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The sanctioned amount will be sent through crossed cheque to the Principal. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

- 1) The Head of the Department of
Electronics And Communication Engineering
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.
- 2) Dr. Vinayambika S Bhat
Department of Electronics And Communication Engineering
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.
- 3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar
Executive Secretary

16th March 2020

Ref: 7.1.01/SPP/953

The Principal,
Mangalore Institute of Technology and Engineering,
Moodabidri - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series: Year 2019-2020

Your Project Proposal Reference No. : **43S_BE_1021**

Ref : Your Project Proposal entitled " **SPEED BREAKER DETECTION AND ACCIDENT AVOIDANCE**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 43rd Series" with a budgetary break-up as detailed below:

Student / s	Mr. Vaibhav Nayak	Budget	
	Mr. Akshay	Particulars	Amount (Rs.)
	Ms. Vijayashri	Materials/Consumables	4,000.00
	Mr. Suchetha Naik	Labour	500.00
Guide/s	Mr. Ranjith H D	Travel	500.00
	-	Miscellaneous	500.00
Department	Electronics And Communication Engineering	Report	500.00
		Total	6,000.00
	Six Thousand Rupees Only		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The sanctioned amount will be sent through crossed cheque to the Principal. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

- 1) The Head of the Department of
Electronics And Communication Engineering
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.
- 2) Mr. Ranjith H D
Department of Electronics And Communication Engineering
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.
- 3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

office.kscst@iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar
Executive Secretary

16th March 2020

Ref: 7.1.01/SPP/953

The Principal,
Mangalore Institute of Technology and Engineering,
Moodabidri - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series: Year 2019-2020

Your Project Proposal Reference No. : 43S_BE_3881

Ref : Your Project Proposal entitled " **INTELLIGENT WIPER SYSTEM FOR VEHICLES**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 43rd Series" with a budgetary break-up as detailed below:

Student / s	Mr. Arun Kumar	Budget	
	Mr. Prasad	Particulars	Amount (Rs.)
	Mr. Suman P.N.	Materials/Consumables	4,000.00
	Mr. Vishwanatha J	Labour	-
Guide/s	Mr. Dony A. D'Souza	Travel	-
	-	Miscellaneous	500.00
Department	Electronics And Communication Engineering	Report	500.00
		Total	5,000.00
	Five Thousand Rupees Only		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

- 6) Introduction / background
(with specific reference to the project, work done earlier, etc) - about 20 lines
- 6) Objectives (about 10 lines)
- 7) Methodology (about 20 lines)
(materials, methods, details of work carried out, including drawings, diagrams etc)
- 8) Results and Conclusions
(about 20 lines with specific reference to work carried out)
- 9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

- e) Projects selected for Seminar / Exhibition will be awarded.

The sanctioned amount will be sent through crossed cheque to the Principal. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

- 1) The Head of the Department of
Electronics And Communication Engineering
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.
- 2) Mr. Dony A. D'Souza
Department of Electronics And Communication Engineering
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.
- 3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



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Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in
office.kscst@iisc.ac.in

Mr. H. Hemanth Kumar
Executive Secretary

16th March 2020

Ref: 7.1.01/SPP/953

The Principal,
Mangalore Institute of Technology and Engineering,
Moodabidri - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series: Year 2019-2020

Your Project Proposal Reference No. : **43S_BE_1026**

Ref : Your Project Proposal entitled " **DE-DUPLICATION IN CLOUD**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 43rd Series" with a budgetary break-up as detailed below:

Student / s	Ms. K S Snehalatha	Budget	
	Ms. Rashmi	Particulars	Amount (Rs.)
	Ms. Poorvika N N	Materials/Consumables	500.00
	Ms. Aishwarya	Labour	-
Guide/s	Mr. Rajesh N Kamath	Travel	500.00
	-	Miscellaneous	500.00
Department	Information Science And Engineering	Report	500.00
		Total	2,000.00
	Two Thousand Rupees Only		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The sanctioned amount will be sent through crossed cheque to the Principal. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

1) The Head of the Department of
Information Science And Engineering
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.

2) Mr. Rajesh N Kamath
Department of Information Science And Engineering
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.

3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



Karnataka State Council for Science and Technology

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Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in
office.kscst@iisc.ac.in

Mr. H. Hemanth Kumar
Executive Secretary

16th March 2020

Ref: 7.1.01/SPP/953

The Principal,
Mangalore Institute of Technology and Engineering,
Moodabidri - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series: Year 2019-2020

Your Project Proposal Reference No. : **43S_BE_1008**

Ref : Your Project Proposal entitled " **CONCENTRATING SOLAR POWER USING FRESNEL LENS WITH INTERNET OF THINGS**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 43rd Series" with a budgetary break-up as detailed below:

Student / s	Mr. Karthik M Naik	Budget	
	Mrs. Bhavya	Particulars	Amount (Rs.)
	Mr. Siddesh Kumar	Materials/Consumables	4,000.00
	Mr. Vikram	Labour	-
Guide/s	Mr. Girish L V	Travel	-
	-	Miscellaneous	500.00
Department	Mechanical Engineering	Report	500.00
		Total	5,000.00
	Five Thousand Rupees Only		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

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Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

1) The Head of the Department of
Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.

2) Mr. Girish L V
Department of Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.

3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



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office.kscst@iisc.ac.in

Mr. H. Hemanth Kumar
Executive Secretary

16th March 2020

Ref: 7.1.01/SPP/953

The Principal,
Mangalore Institute of Technology and Engineering,
Moodabidri - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series: Year 2019-2020

Your Project Proposal Reference No. : **43S_BE_1012**

Ref : Your Project Proposal entitled " **FABRICATION OF BIODEGRADABLE COMPOSITE LAMINATE AND MINIMIZATION OF DELAMINATION USING CENOSPHERE AS FILLER**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 43rd Series" with a budgetary break-up as detailed below:

Student / s	Mr. Imaad Salim Shaikh	Budget	
	Mr. Gagan G Amin	Particulars	Amount (Rs.)
	Mr. Bharath Kumar Rai K	Materials/Consumables	4,000.00
	Ms. Madhushree K	Labour	-
Guide/s	Mrr. Aveen K P	Travel	-
	-	Miscellaneous	500.00
Department	Mechanical Engineering	Report	500.00
		Total	5,000.00
	Five Thousand Rupees Only		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The sanctioned amount will be sent through crossed cheque to the Principal. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

- 1) The Head of the Department of
Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.
- 2) Mrr. Aveen K P
Department of Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.
- 3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



Karnataka State Council for Science and Technology

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Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar
Executive Secretary

16th March 2020

Ref: 7.1.01/SPP/953

The Principal,
Mangalore Institute of Technology and Engineering,
Moodabidri - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series: Year 2019-2020

Your Project Proposal Reference No. : 43S_BE_1019

Ref : Your Project Proposal entitled " **REMOTE OPERATED ARECANUT PLUCKING AND SPRAYING MACHINE**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 43rd Series" with a budgetary break-up as detailed below:

Student / s	Mr. Pramith Shetty	Budget	
	Mr. Venkatesh Prabhu N	Particulars	Amount (Rs.)
	Mr. Rakesh	Materials/Consumables	5,000.00
	Mr. Ashwin K	Labour	500.00
Guide/s	Mr. Purandara Naik	Travel	500.00
	Mr. Bhanuprakash H S	Miscellaneous	-
Department	Mechanical Engineering	Report	500.00
		Total	6,500.00
	Six Thousand Five Hundred Rupees Only		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The sanctioned amount will be sent through crossed cheque to the Principal. Please furnish the bank account details as per the format enclosed with this letter.

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Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

1) The Head of the Department of
Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.

2) Mr. Purandara Naik
Department of Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.

3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

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Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in
office.kscst@iisc.ac.in

Mr. H. Hemanth Kumar
Executive Secretary

16th March 2020

Ref: 7.1.01/SPP/953

The Principal,
Mangalore Institute of Technology and Engineering,
Moodabidri - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series: Year 2019-2020

Your Project Proposal Reference No. : **43S_BE_1020**

Ref : Your Project Proposal entitled " **UTILIZATION OF WASTE PLASTIC AND WASTE PAPER IN MANUFACTURING OF ROOF TILES**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 43rd Series" with a budgetary break-up as detailed below:

Student / s	Mr. Amal Madhusoothanan	Budget	
	Ms. Velsa Sophia Pinto	Particulars	Amount (Rs.)
	Mr. Mohammed Suhail Sadiq	Materials/Consumables	3,000.00
	Mr. Deepak Baburaj	Labour	500.00
Guide/s	Mr. Yajnesha P Shettigar	Travel	500.00
	-	Miscellaneous	500.00
Department	Mechanical Engineering	Report	500.00
		Total	5,000.00
	Five Thousand Rupees Only		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The sanctioned amount will be sent through crossed cheque to the Principal. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

1) The Head of the Department of
Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.

2) Mr. Yajnesha P Shettigar
Department of Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.

3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

office.kscst@iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar
Executive Secretary

16th March 2020

Ref: 7.1.01/SPP/953

The Principal,
Mangalore Institute of Technology and Engineering,
Moodabidri - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series: Year 2019-2020

Your Project Proposal Reference No. : **43S_BE_3883**

Ref : Your Project Proposal entitled " **DESIGN AND DEVELOPMENT OF A CONCEPT FOR
ENHANCING THE PRODUCTION OF BIODIESEL FROM
FISH OIL AND WASTE FISH OIL WAX**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 43rd Series" with a budgetary break-up as detailed below:

Student / s	Mr. Denzil Dias	Budget	
	Mr. Royston Bosco Saldanha	Particulars	Amount (Rs.)
	Mr. Ullas Kumaar Shetty C	Materials/Consumables	4,000.00
	-	Labour	500.00
Guide/s	Dr. Lokesh M	Travel	500.00
	-	Miscellaneous	500.00
Department	Mechanical Engineering	Report	500.00
		Total	6,000.00
	Six Thousand Rupees Only		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The sanctioned amount will be sent through crossed cheque to the Principal. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

1) The Head of the Department of
Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.

2) Dr. Lokesha M
Department of Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.

3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in
office.kscst@iisc.ac.in

Mr. H. Hemanth Kumar
Executive Secretary

16th March 2020

Ref: 7.1.01/SPP/953

The Principal,
Mangalore Institute of Technology and Engineering,
Moodabidri - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series: Year 2019-2020

Your Project Proposal Reference No. : 43S_BE_1029

Ref : Your Project Proposal entitled " **CONVERTING SALT WATER TO FRESH WATER USING SOLAR DESALINATION TECHNIQUE**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 43rd Series" with a budgetary break-up as detailed below:

Student / s	Mr. Mourya Raj Shetty	Budget	
	Mr. Sidramappa	Particulars	Amount (Rs.)
	Mr. Harshithgowda	Materials/Consumables	6,000.00
	-	Labour	-
Guide/s	Mr. Chennakeshava K	Travel	-
	-	Miscellaneous	500.00
Department	Mechatronics	Report	500.00
		Total	7,000.00
	Seven Thousand Rupees Only		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The sanctioned amount will be sent through crossed cheque to the Principal. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

- 1) The Head of the Department of
Mechatronics
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.
- 2) Mr. Chennakeshava K
Department of Mechatronics
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.
- 3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



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Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

~~Email: office@kscst.iisc.ernet.in, office@kscst.org.in~~ ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in
office.kscst@iisc.ac.in

Mr. H. Hemanth Kumar
Executive Secretary

16th March 2020

Ref: 7.1.01/SPP/953

The Principal,
Mangalore Institute of Technology and Engineering,
Moodabidri - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series: Year 2019-2020

Your Project Proposal Reference No. : 43S_BE_1035

Ref : Your Project Proposal entitled " **AUTOMATIC BEACH CLEANING ROBOT**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 43rd Series" with a budgetary break-up as detailed below:

Student / s	Ms. Iral Patricia Noronha	Budget	
	Mr. Rayan Dominic Pinto	Particulars	Amount (Rs.)
	Mr. Kiran G	Materials/Consumables	5,000.00
	Mr. Stephen Rion Vegas	Labour	500.00
Guide/s	Prof. K Praveen Shenoy	Travel	500.00
	-	Miscellaneous	500.00
Department	Mechatronics	Report	500.00
		Total	7,000.00
	Seven Thousand Rupees Only		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The sanctioned amount will be sent through crossed cheque to the Principal. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

1) The Head of the Department of
Mechatronics
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.

2) Prof. K Praveen Shenoy
Department of Mechatronics
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.

3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

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office.kscst@iisc.ac.in

Mr. H. Hemanth Kumar
Executive Secretary

16th March 2020

Ref: 7.1.01/SPP/953

The Principal,
Mangalore Institute of Technology and Engineering,
Moodabidri - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series: Year 2019-2020

Your Project Proposal Reference No. : 43S_BE_1031

Ref : Your Project Proposal entitled " **CARBON EXTRACTION FROM THE ATMOSPHERE**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 43rd Series" with a budgetary break-up as detailed below:

Student / s	Mr. Joel Serrao	Budget	
	Ms. Jasline Loren Tauro	Particulars	Amount (Rs.)
	Mr. Adarsh P	Materials/Consumables	6,000.00
	Mr. Sudheendra	Labour	-
Guide/s	Mr. Kiran Kumar M V	Travel	-
	-	Miscellaneous	500.00
Department	Mechatronics	Report	500.00
		Total	7,000.00
	Seven Thousand Rupees Only		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The sanctioned amount will be sent through crossed cheque to the Principal. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

1) The Head of the Department of
Mechatronics
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.

2) Mr. Kiran Kumar M V
Department of Mechatronics
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.

3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



Karnataka State Council for Science and Technology

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Mr. H. Hemanth Kumar
Executive Secretary

16th March, 2020

Ref: 7.1.01/SPP/953

The Principal,
Mangalore Institute of Technology and Engineering,
Moodabidri - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series: Year 2019-2020

Your Project Proposal Reference No. : 43S_MBA_006

Ref : Your Project Proposal entitled " **DESIGNING SUSTAINABLE MARKETING STRATEGIES FOR THE BIOGAS (METHANE) EXTRACTED FROM ORGANIC (VEGETABLE) BIODEGRADABLE WASTE FOR THE RURAL POPULATION OF DAKSHINA KANNADA**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 43rd Series" with a budgetary break-up as detailed below:

Students	Ms. Rachana S Kotian	Budget	
	Mr. Jovan Adal Aroza	Particulars	Amount (Rs)
	Mr. Sujith Wilson Quadras	Materials/Consumables	-
	-	Labour	-
Guide/s	Mr. Pradeep Kumar Br	Travel	3,000.00
	-	Miscellaneous	500.00
Department	Master Of Business Administration	Report	500.00
		Total	4,000.00
	Four Thousand Rupees Only		

The following are the guidelines to carryout the project work :

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- 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 (.pdf format) should be submitted to KSCST.
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- Please quote your **project reference number printed above** in all your future correspondences.
- Important: After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following points:
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

5) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The following are the extract of comments / suggestions of the expert. The students and project guides are hereby directed to implement the same and will be looked into during evaluation of the project.

*FEEDSTOCK AVAILABILITY-COLLECTION, SEGREGATION AND PRODUCTION OF BIOGAS.
BIOGAS PRODUCTION PER MT OF WASTE. FEASIBILITY STUDY VS REGULAR LPG.
ENVIRONMENTAL ISSUES. FURTHER PROPOSAL FOR CBG PRODUCTION.*

The sanctioned amount will be sent through crossed cheque to the Principal. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by email / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

- 1) The Head of the Department of
Master Of Business Administration
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.
- 2) Mr. Pradeep Kumar Br
Department of Master Of Business Administration
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.
- 3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



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Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in
office.kscst@iisc.ac.in

Mr. H. Hemanth Kumar
Executive Secretary

16th March, 2020

Ref: 7.1.01/SPP/953

The Principal,
Mangalore Institute of Technology and Engineering,
Moodabidri - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series: Year 2019-2020

Your Project Proposal Reference No. : **43S_MBA_011**

Ref : Your Project Proposal entitled " **A STUDY ON OPPORTUNITIES AND CHALLENGES TO COMMERCIALISE BIODEGRADABLE PRODUCTS IN DAKSHINA KANNADA AND UDUPI DISTRICTS OF KARNATAKA**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 43rd Series" with a budgetary break-up as detailed below:

Students	Mr. Darshan M B	Budget	
	Mr. Arunkumar K N	Particulars	Amount (Rs)
	Ms. Vaishnavi	Materials/Consumables	-
	Mr. Chaithanya N M	Labour	-
Guide/s	Prof. K Abhaya Kumar	Travel	3,000.00
	-	Miscellaneous	500.00
Department	Master Of Business Administration	Report	500.00
		Total	4,000.00
	Four Thousand Rupees Only		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
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- Please quote your **project reference number printed above** in all your future correspondences.
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 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

5) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The following are the extract of comments / suggestions of the expert. The students and project guides are hereby directed to implement the same and will be looked into during evaluation of the project.

FIRST SPECIFY THE BIODEGRADABLE PRODUCTS. REPLACING OF NON DEGRADABLE PRODUCTS - SPECIFY. FEASIBILITY STUDY.

The sanctioned amount will be sent through crossed cheque to the Principal. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by email / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

- 1) The Head of the Department of
Master Of Business Administration
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.
- 2) Prof. K Abhaya Kumar
Department of Master Of Business Administration
Mangalore Institute Of Technology And Engineering,
Moodabidri - 574 225.
- 3) The Finance Officer, KSCST, Bengaluru

Encl: As Above

Mr. H. Hemanth Kumar
Executive Secretary

27th March 2019

Ref: 7.1.01/SPP/1333

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 42nd Series: Year 2018-2019

Your Project Proposal Reference No. : **42S_BE_0523**

Ref : Your Project Proposal entitled " **STUDY OF TENSILE,IMPACT AND VIBRATIONAL CHARACTERISTICS OF HYBRID POLYMER MATRIX COMPOSITES.**

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme - 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr. Manjunath Reddy Y S and others	Budget	Amount (Rs)
		Materials/Consumables	5,000.00
Guide/s	Prof. Ajith Kumar	Labor	500.00
		Travel	500.00
Department	Aeronautical Engineering	Miscellaneous	-
		Report	500.00
		TOTAL	6,500.00
SIX THOUSAND FIVE HUNDRED RUPEES ONLY			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The sanctioned amount will be sent through NEFT by Accounts Department. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,


(H. Hemanth Kumar)

Copy to:

1) The Head of the Department of

Aeronautical Engineering

Mangalore Institute Of Technology And Engineering,

Badaga Mijar, Moodabidri,

Mangaluru - 574 225.

2) Prof. Ajith Kumar

Department of Aeronautical Engineering

Mangalore Institute Of Technology And Engineering,

Badaga Mijar, Moodabidri,

Mangaluru - 574 225.

3) The Finance Officer, KSCST, Bangalore

Encl: As Above



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar
Executive Secretary

27th March 2019

Ref: 7.1.01/SPP/1333

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 42nd Series: Year 2018-2019

Your Project Proposal Reference No. : **42S_BE_2970**

Ref : Your Project Proposal entitled " **FABRICATION OF HYBRID COMPOSITE BY NATURAL FIBER AND EVALUATION OF ITS MECHANICAL PROPERTIES**

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme - 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Ms. Rathan Nayak K and others	Budget	Amount (Rs)
		Materials/Consumables	3,000.00
Guide/s	Mrs. Sahana D S	Labor	500.00
		Travel	500.00
Department	Aeronautical Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	5,000.00
FIVE THOUSAND RUPEES ONLY			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The sanctioned amount will be sent through NEFT by Accounts Department. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

- 1) The Head of the Department of
Aeronautical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 2) Mrs. Sahana D S
Department of Aeronautical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 3) The Finance Officer, KSCST, Bangalore

Encl: As Above



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar
Executive Secretary

27th March, 2019

Ref: 7.1.01/SPP/1333

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 42nd Series: Year 2018-2019
Your Project Proposal Reference No. : 42S_BE_0517

Ref : Your Project Proposal entitled " **DESIGN OF AUTONOMOUS UNMANNED AERIAL VEHICLE WITH SELF OBSTACLE DETECTION AND COLLISION AVOIDANCE**

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme - 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Students.	Mr. Naveen S Yankanchi and others	Budget	Amount (Rs)
		Materials/Consumables	6,500.00
Guide/s	Prof. Yathin K L	Labor	-
		Travel	500.00
Department	Aeronautical Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	8,000.00
EIGHT THOUSAND RUPEES ONLY			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important: After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following points:
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

5) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The following are the extract of comments / suggestions of the expert. The students and project guides are hereby directed to implement the same and will be looked into during evaluation of the project.

CONTROL OF THE SPRAYING DUSTING BRING OUT IN THE PROJECT.

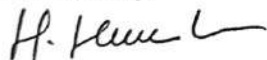
The sanctioned amount will be sent through NEFT by Accounts Department. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by email / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

1) The Head of the Department of
Aeronautical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

2) Prof. Yathin K L
Department of Aeronautical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

3) The Finance Officer, KSCST, Bengaluru

Encl: As Above

Mr. H. Hemanth Kumar
Executive Secretary

27th March 2019

Ref: 7.1.01/SPP/1333

The Principal,
Mangalore Institute of Technology and Engineering, Badaga Mijar,
Moodabidri,
Mangaluru - 574 225

Dear Sir/Madam,

Sub : Sanction of Student Project (Biofuel) - 42nd Series: Year 2018-2019

Your Project Proposal Reference No. : **42S_B_BE_036**

Ref : Your Project Proposal entitled " **EXTRACTION OF BIODIESEL FROM MICRO ALGAE**

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme (Biofuel)- 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Ms. Simrin Tamboli and others	Budget	Amount (Rs)
		Materials/Consumables	2,500.00
Guide/s	Prof. Yathin K L	Labor	500.00
		Travel	1,000.00
Department	Aeronautical Engineering	Analysis	1,000.00
		Miscellaneous	1,000.00
		Report	500.00
		TOTAL	6,500.00
	RUPEES SIX THOUSAND FIVE HUNDRED ONLY		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- The project report shall mention the name of "**Karnataka State Bioenergy Development Board and Karnataka State Council for Science and Technology**" as sponsored organisations in the title page. Project Title or the objectives can be altered only with prior permission of KSCST. Any change in the project are strictly prohibited and liable for rejection and the amount sanctioned has to be returned back to KSCST. The fund is to be utilised only for the activities to which it has been released.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [biofuelcell.kscst@gmail.com] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

- 6) Introduction / background
(with specific reference to the project, work done earlier, etc) - about 20 lines
- 6) Objectives (about 10 lines)
- 7) Methodology (about 20 lines)
(materials, methods, details of work carried out, including drawings, diagrams etc)
- 8) Results and Conclusions
(about 20 lines with specific reference to work carried out)
- 9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (biofuelcell.kscst@gmail.com). In your e-mail, please also include project proposal reference number and title of the project.)

- e) Best Projects will be awarded in Final Seminar / Exhibition.
The following are the extract of comments / suggestions made by expert. The students and project guides are hereby directed to implement the same and will be looked into during evaluation of the project.

CHARACTERIZE THE OIL AND DECIDE IF IT CAN BE USED FOR AVIATION FUEL

The sanctioned amount will be sent through NEFT by Accounts Department. Please furnish the bank account details as per the format enclosed with this letter.

The dates of Mid term evaluation of the sponsored projects will be intimated shortly by email / Website announcement..

Please visit our website for further announcements / information and for any clarifications please email to biofuelcell.kscst@gmail.com

Thanking you and with best regards,

Yours sincerely,


(H. Hemanth Kumar)

Copy to:

- 1) The Head of the Department of
Aeronautical Engineering
Mangalore Institute Of Technology And Engineering, Badaga Mijar,
Moodabidri,
Mangaluru - 574 225
- 2) Prof. Yathin K L
Department of Aeronautical Engineering
Mangalore Institute Of Technology And Engineering, Badaga Mijar,
Moodabidri,
Mangaluru - 574 225
- 3) The Finance Officer, KSCST, Bangalore

Encl: As Above



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar
Executive Secretary

27th March, 2019

Ref: 7.1.01/SPP/1333

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 42nd Series: Year 2018-2019
Your Project Proposal Reference No. : **42S_BE_2971**

Ref : Your Project Proposal entitled " **EXPERIMENTAL STUDIES ON LATERITIC SOIL STABILIZED WITH WASTE ENGINE OIL AND LIME**

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme - 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Students	Ms. Shashwathi S Shetty and others	Budget	Amount (Rs)
		Materials/Consumables	1,500.00
Guide/s	Dr. Jayaprakash M C	Labor	-
		Travel	500.00
Department	Civil Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	3,000.00
THREE THOUSAND RUPEES ONLY			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important: After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following points:
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

5) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The following are the extract of comments / suggestions of the expert. The students and project guides are hereby directed to implement the same and will be looked into during evaluation of the project.

DO NOT MISX ENGINE OIL. ATTEMPT USING LIME, LIME +OPC. ASCERTAIN WET UCS.

The sanctioned amount will be sent through NEFT by Accounts Department. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by email / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

- 1) The Head of the Department of
Electronics And Communication Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 2) Dr. Jayaprakash M C
Department of Electronics And Communication Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 3) The Finance Officer, KSCST, Bengaluru

Encl: As Above

Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar
Executive Secretary

27th March 2019

Ref: 7.1.01/SPP/1333

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 42nd Series: Year 2018-2019

Your Project Proposal Reference No. : **42S_BE_0511**

Ref : Your Project Proposal entitled " **PROGRESS OF SALT WATER INTRUSION WITH VARYING CLIMATIC CONDITIONS AND GROUNDWATER TABLE IN THE COASTAL BELT OF MANGALURU**

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme - 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr. Nishan T and others	Budget	Amount (Rs)
		Materials/Consumables	3,000.00
Guide/s	Mr. Shashikumar S. B.	Labor	-
		Travel	-
Department	Civil Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	4,000.00
FOUR THOUSAND RUPEES ONLY			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

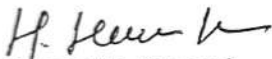
The sanctioned amount will be sent through NEFT by Accounts Department. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

- 1) The Head of the Department of
Civil Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 2) Mr. Shashikumar S. B.
Department of Civil Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 3) The Finance Officer, KSCST, Bangalore

Encl: As Above



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

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Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar
Executive Secretary

27th March 2019

Ref: 7.1.01/SPP/1333

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 42nd Series: Year 2018-2019

Your Project Proposal Reference No. : **42S_BE_0503**

Ref : Your Project Proposal entitled " **LOW COST IOT BASED PLANT PHENOTYPING SYSTEM**

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme - 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr. Ravi Moolya and others	Budget	Amount (Rs)
		Materials/Consumables	4,000.00
Guide/s	Prof. Sunil Kumar	Labor	500.00
		Travel	500.00
Department	Computer Science And Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	6,000.00
	SIX THOUSAND RUPEES ONLY		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide.

The softcopy of the write-up, in MS Word format, should be sent by e-mail

(spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The sanctioned amount will be sent through NEFT by Accounts Department. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

- 1) The Head of the Department of
Computer Science And Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 2) Prof. Sunil-Kumar
Department of Computer Science And Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 3) The Finance Officer, KSCST, Bangalore

Encl: As Above



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar
Executive Secretary

27th March, 2019

Ref: 7.1.01/SPP/1333

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 42nd Series: Year 2018-2019

Your Project Proposal Reference No. : **42S_BE_2968**

Ref : Your Project Proposal entitled " **SMART HELMET AND ACCIDENT DETECTION SYSTEM FOR RIDER SAFETY**

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme - 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Students	Mr. Vigneshnaik K and others	Budget	Amount (Rs)
		Materials/Consumables	6,000.00
Guide/s	Mr. Ashok K N	Labor	500.00
		Travel	500.00
Department	Electronics And Communication Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	8,000.00
EIGHT THOUSAND RUPEES ONLY			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important: After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following points:
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

- 5) Introduction / background
(with specific reference to the project, work done earlier, etc) - about 20 lines
- 6) Objectives (about 10 lines)
- 7) Methodology (about 20 lines)
(materials, methods, details of work carried out, including drawings, diagrams etc)
- 8) Results and Conclusions
(about 20 lines with specific reference to work carried out)
- 9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

- e) Projects selected for Seminar / Exhibition will be awarded.

The following are the extract of comments / suggestions of the expert. The students and project guides are hereby directed to implement the same and will be looked into during evaluation of the project.

NEEDS USER FRIENDLY APPROACH

The sanctioned amount will be sent through NEFT by Accounts Department. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by email / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,


(H. Hemanth Kumar)

Copy to:

- 1) The Head of the Department of
Electronics And Communication Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 2) Mr. Ashok K N
Department of Electronics And Communication Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar
Executive Secretary

27th March, 2019

Ref: 7.1.01/SPP/1333

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 42nd Series: Year 2018-2019

Your Project Proposal Reference No. : **42S_BE_0526**

Ref : Your Project Proposal entitled " **WIRELESS CHARGING SYSTEM FOR ELECTRIC VEHICLES**

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme - 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Students	Ms. Darrel Reesha Pinto and others	Budget	Amount (Rs)
		Materials/Consumables	4,000.00
Guide/s	Prof. Sathisha Shetty	Labor	500.00
		Travel	500.00
Department	Electronics And Communication Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	6,000.00
SIX THOUSAND RUPEES ONLY			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important: After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following points:
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

5) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide.

The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The following are the extract of comments / suggestions of the expert. The students and project guides are hereby directed to implement the same and will be looked into during evaluation of the project.

IDENTIFY THE AUTOMOBILE INDUSTRY AND EXPLORE THE POSSIBILITY OF TRANSFER OF TECHNICAL KNOW HOW. DEVELOP THE PRODUCT WITH GOOD PACKING OF THE PROTOTYPE. DEMONSTRATE THE PROTOTYPE DURING THE INSPECTION OF THE WORK BY KSCST OFFICIALS.

The sanctioned amount will be sent through NEFT by Accounts Department. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by email / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

- 1) The Head of the Department of
Electronics And Communication Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 2) Prof. Sathisha Shetty
Department of Electronics And Communication Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar
Executive Secretary

27th March 2019

Ref: 7.1.01/SPP/1333

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 42nd Series: Year 2018-2019
Your Project Proposal Reference No. : **42S_BE_0532**

Ref : Your Project Proposal entitled " **POWER GENERATION FROM THE WASTED ENERGY OF MOVING VEHICLE USING SPEED BREAKER**

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme - 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Ms. Anusha and others	Budget	Amount (Rs)
		Materials/Consumables	2,000.00
Guide/s	Prof. Rishma Mary George	Labor	500.00
		Travel	500.00
Department	Electronics And Communication Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	4,000.00
	FOUR THOUSAND RUPEES ONLY		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The sanctioned amount will be sent through NEFT by Accounts Department. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

- 1) The Head of the Department of
Electronics And Communication Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 2) Prof. Rishma Mary George
Department of Electronics And Communication Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 3) The Finance Officer, KSCST, Bangalore

Encl: As Above

Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

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KSCST

Mr. H. Hemanth Kumar
Executive Secretary

27th March, 2019

Ref: 7.1.01/SPP/1333

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 42nd Series: Year 2018-2019

Your Project Proposal Reference No. : **42S_BE_0533**

Ref : Your Project Proposal entitled " **EARLY DETECTION OF PEST IN AGRICULTURE USING IMAGE PROCESSING**

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme - 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Students	Ms. Arpitha and others	Budget	Amount (Rs)
		Materials/Consumables	4,000.00
Guide/s	Mr. Srikrishna Shastri	Labor	-
		Travel	500.00
Department	Electronics And Communication Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	5,500.00
	FIVE THOUSAND FIVE HUNDRED RUPEES ONLY		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important: After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following points:
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

5) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The following are the extract of comments / suggestions of the expert. The students and project guides are hereby directed to implement the same and will be looked into during evaluation of the project.

NICE IDEA. TEST IT ON A SMALL PATCH OF THE AGRICULTURAL FIELD.

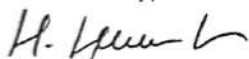
The sanctioned amount will be sent through NEFT by Accounts Department. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by email / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

- 1) The Head of the Department of
Electronics And Communication Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 2) Mr. Srikrishna Shastri
Department of Electronics And Communication Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar
Executive Secretary

27th March 2019

Ref: 7.1.01/SPP/1333

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 42nd Series: Year 2018-2019
Your Project Proposal Reference No. : **42S_BE_2178**

Ref : Your Project Proposal entitled " **AUTOMATIC AUTOMOTIVE GEAR PREDICTION SYSTEM**

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme - 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr. Sampath T C V and others	Budget	Amount (Rs)
		Materials/Consumables	5,000.00
Guide/s	Prof.Taranath H B	Labor	500.00
		Travel	500.00
Department	Electronics And Communication Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	7,000.00
SEVEN THOUSAND RUPEES ONLY			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The sanctioned amount will be sent through NEFT by Accounts Department. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

- 1) The Head of the Department of
Electronics And Communication Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 2) Prof.Taranath H B
Department of Electronics And Communication Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 3) The Finance Officer, KSCST, Bangalore

Encl: As Above

Karnataka State Council for Science and Technology

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Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

KSCST

Mr. H. Hemanth Kumar
Executive Secretary

27th March 2019

Ref: 7.1.01/SPP/1333

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 42nd Series: Year 2018-2019

Your Project Proposal Reference No. : **42S_BE_0557**

Ref : Your Project Proposal entitled " **MULTIPURPOSE WATER AND FERTILIZER SPRAYER
PLATING MACHINE**

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme - 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr. Rakesh and others	Budget	Amount (Rs)
		Materials/Consumables	5,000.00
Guide/s	Mr. Rahul S	Labor	500.00
		Travel	500.00
Department	Mechanical Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	7,000.00
SEVEN THOUSAND RUPEES ONLY			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your project reference number printed above in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The sanctioned amount will be sent through NEFT by Accounts Department. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

1) The Head of the Department of
Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

2) Mr. Rahul S
Department of Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

3) The Finance Officer, KSCST, Bangalore

Encl: As Above

Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

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Mr. H. Hemanth Kumar
Executive Secretary

27th March 2019

Ref: 7.1.01/SPP/1333

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 42nd Series: Year 2018-2019

Your Project Proposal Reference No. : **42S_BE_0551**

Ref : Your Project Proposal entitled " **TENDER COCONUT QUALITY DETECTOR AND AUTOMATIC CUTTER USING IMAGE PROCESSING AND ARTIFICIAL INTELLIGENCE**

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme - 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr. Jerrin James and others	Budget	Amount (Rs)
		Materials/Consumables	3,000.00
Guide/s	Mr. Bhanuprakash H S	Labor	500.00
		Travel	500.00
Department	Mechanical Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	5,000.00
	FIVE THOUSAND RUPEES ONLY		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The sanctioned amount will be sent through NEFT by Accounts Department. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,


(H. Hemanth Kumar)

Copy to:

- 1) The Head of the Department of
Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 2) Mr. Bhanuprakash H S
Department of Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 3) The Finance Officer, KSCST, Bangalore

Encl: As Above



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

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Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar
Executive Secretary

27th March 2019

Ref: 7.1.01/SPP/1333

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 42nd Series: Year 2018-2019

Your Project Proposal Reference No. : 42S_BE_0554

Ref : Your Project Proposal entitled " **DESIGN AND DEVELOPMENT OF FUELLESS WATER PUMP**

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme - 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr. Mayur B M and others	Budget	Amount (Rs)
		Materials/Consumables	5,000.00
Guide/s	Mr. Ganesh Raj Urs	Labor	500.00
		Travel	500.00
Department	Mechanical Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	7,000.00
SEVEN THOUSAND RUPEES ONLY			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
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- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The sanctioned amount will be sent through NEFT by Accounts Department. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

- 1) The Head of the Department of
Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 2) Mr. Ganesh Raj Urs
Department of Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 3) The Finance Officer, KSCST, Bangalore

Encl: As Above



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar
Executive Secretary

27th March 2019

Ref: 7.1.01/SPP/1333

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 42nd Series: Year 2018-2019

Your Project Proposal Reference No. : 42S_BE_0556

Ref : Your Project Proposal entitled " **DESIGN AND DEVELOPMENT OF AGRICOPTER DRONE**

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme - 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr. Bhargava K and others	Budget	Amount (Rs)
		Materials/Consumables	5,000.00
Guide/s	Mr. Rueben	Labor	-
		Travel	500.00
Department	Mechanical Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	6,500.00
	SIX THOUSAND FIVE HUNDRED RUPEES ONLY		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The sanctioned amount will be sent through NEFT by Accounts Department. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,


(H. Hemanth Kumar)

Copy to:

1) The Head of the Department of
Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

2) Mr. Rueben
Department of Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

3) The Finance Officer, KSCST, Bangalore

Encl: As Above



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

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Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar
Executive Secretary

27th March, 2019

Ref: 7.1.01/SPP/1333

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 42nd Series: Year 2018-2019

Your Project Proposal Reference No. : **42S_BE_2955**

Ref : Your Project Proposal entitled " **MULTIPURPOSE MACHINE FOR ARECANUT FARMING**

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme - 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Students	Mr. Deekshith and others	Budget	Amount (Rs)
		Materials/Consumables	7,000.00
Guide/s	Mr. Mohan Kumar	Labor	500.00
		Travel	500.00
Department	Mechanical Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	9,000.00
	NINE THOUSAND RUPEES ONLY		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important: After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following points:
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

5) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The following are the extract of comments / suggestions of the expert. The students and project guides are hereby directed to implement the same and will be looked into during evaluation of the project.

DESIGN CAN BE EXAMINED FOR PATENT AND CAN BE IMPROVED FURTHER FOR SOCIALLY INNOVATION USER FRIENDLY MODEL SAFETY MEASURES.

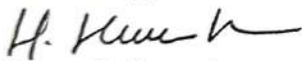
The sanctioned amount will be sent through NEFT by Accounts Department. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by email / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

- 1) The Head of the Department of
Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 2) Mr. Mohan Kumar
Department of Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



Karnataka State Council for Science and Technology

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Mr. H. Hemanth Kumar
Executive Secretary

27th March 2019

Ref: 7.1.01/SPP/1333

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 42nd Series: Year 2018-2019

Your Project Proposal Reference No. : 42S_BE_0563

Ref : Your Project Proposal entitled " **FULLY AUTOMATED SOLAR GRASS CUTTER**

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme - 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr. Keerthan and others	Budget	Amount (Rs)
		Materials/Consumables	5,000.00
Guide/s	Mr. Shreedhar	Labor	500.00
		Travel	500.00
Department	Mechanical Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	7,000.00
SEVEN THOUSAND RUPEES ONLY			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The sanctioned amount will be sent through NEFT by Accounts Department. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

1) The Head of the Department of
Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

2) Mr. Shreedhar
Department of Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

3) The Finance Officer, KSCST, Bangalore

Encl: As Above



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

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Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar
Executive Secretary

27th March 2019

Ref: 7.1.01/SPP/1333

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 42nd Series: Year 2018-2019

Your Project Proposal Reference No. : **42S_BE_0564**

Ref : Your Project Proposal entitled " **DESIGN AND FABRICATION OF OIL SKIMMER**

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme - 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr. Shetty Sandesh Anand Usha and others	Budget	Amount (Rs)
		Materials/Consumables	5,000.00
Guide/s	Prof. T.K Chandrashekar	Labor	500.00
		Travel	500.00
Department	Mechanical Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	7,000.00
SEVEN THOUSAND RUPEES ONLY			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The sanctioned amount will be sent through NEFT by Accounts Department. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

- 1) The Head of the Department of
Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 2) Prof. T.K Chandrashekar
Department of Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 3) The Finance Officer, KSCST, Bangalore

Encl: As Above



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

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Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar
Executive Secretary

27th March 2019

Ref: 7.1.01/SPP/1333

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 42nd Series: Year 2018-2019

Your Project Proposal Reference No. : 42S_BE_0565

Ref : Your Project Proposal entitled " **AUTOMATED SEED SOWING MACHINE WITH WATER AND FERTILIZER SPRAYER**

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme - 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr. Shetty Praneet Harish and others	Budget	Amount (Rs)
		Materials/Consumables	4,000.00
Guide/s	Mr. Sridhar D.R	Labor	500.00
		Travel	500.00
Department	Mechanical Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	6,000.00
SIX THOUSAND RUPEES ONLY			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The sanctioned amount will be sent through NEFT by Accounts Department. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

- 1) The Head of the Department of
Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 2) Mr. Sridhar D.R
Department of Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 3) The Finance Officer, KSCST, Bangalore

Encl: As Above



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

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Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar
Executive Secretary

27th March 2019

Ref: 7.1.01/SPP/1333

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225

Dear Sir/Madam,

Sub : Sanction of Student Project (Biofuel) - 42nd Series: Year 2018-2019

Your Project Proposal Reference No. : **42S_B_BE_038**

Ref : Your Project Proposal entitled " **EXTRACTION AND OPTIMIZATION OF BIODIESEL FROM DIFFERENT BREEDS OF CATTLE URINE AND ANALYSIS OF ITS PERFORMANCE CHARACTERISTICS USING 4-STROKE SINGLE CYLINDER COMPRESSION IGNITION ENGINE**

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme (Biofuel)- 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr. Nithin and others	Budget	Amount (Rs)
		Materials/Consumables	1,500.00
Guide/s	Mr. Bhanuprakash Hs	Labor	500.00
		Travel	2,000.00
Department	Mechanical Engineering	Analysis	500.00
		Miscellaneous	1,000.00
		Report	500.00
		TOTAL	6,000.00
RUPEES SIX THOUSAND ONLY			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- The project report shall mention the name of "**Karnataka State Bioenergy Development Board and Karnataka State Council for Science and Technology**" as sponsored organisations in the title page. Project Title or the objectives can be altered only with prior permission of KSCST. Any change in the project are strictly prohibited and liable for rejection and the amount sanctioned has to be returned back to KSCST. The fund is to be utilised only for the activities to which it has been released.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [biofuelcell.kscst@gmail.com] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (biofuelcell.kscst@gmail.com). In your e-mail, please also include project proposal reference number and title of the project.)

e) Best Projects will be awarded in Final Seminar / Exhibition.

The following are the extract of comments / suggestions made by expert. The students and project guides are hereby directed to implement the same and will be looked into during evaluation of the project.

1. THE PRODUCTION BIODIESEL FROM DIFFERENT BREEDS OF CATTLE URINE IS FOUND NOT FEASSIBLE 2. THE PRODUCTION OF BIODIESEL FOR COW URINE CAN BE TRIED. 3. IT IS AN ATTEMPT TO LOOK INTO THE VARIOUS OPTIONS FOR BIODIESEL PRODUCTION. 4. THE FEASIBILITY AT THIS STAGE MAY NOT BE LOOKED INRO IT. ANY WAY THE PROJECT TO BE CARRIEDOUT BY REFERING LITERATURE AVAILABLE ON THIS

The sanctioned amount will be sent through NEFT by Accounts Department. Please furnish the bank account details as per the format enclosed with this letter.

The dates of Mid term evaluation of the sponsored projects will be intimated shortly by email / Website announcement..

Please visit our website for further announcements / information and for any clarifications please email to biofuelcell.kscst@gmail.com

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

1) The Head of the Department of
Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225

2) Mr. Bhanuprakash Hs
Department of Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225

3) The Finance Officer, KSCST, Bangalore

Encl: As Above



Karnataka State Council for Science and Technology

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Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar
Executive Secretary

27th March 2019

Ref: 7.1.01/SPP/1333

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225

Dear Sir/Madam,

Sub : Sanction of Student Project (Biofuel) - 42nd Series: Year 2018-2019

Your Project Proposal Reference No. : 42S_B_BE_040

Ref : Your Project Proposal entitled " **EXTRACTION OF BIO-DIESEL FROM WASTE FISH OIL WAX**

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme (Biofuel)- 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr. Rajat Ravindra Patankar and others	Budget	Amount (Rs)
		Materials/Consumables	3,000.00
Guide/s	Prof. M Lokesha	Labor	1,500.00
		Travel	1,000.00
Department	Mechanical Engineering	Analysis	1,000.00
		Miscellaneous	1,000.00
		Report	500.00
		TOTAL	8,000.00
RUPEES EIGHT THOUSAND ONLY			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- The project report shall mention the name of "**Karnataka State Bioenergy Development Board and Karnataka State Council for Science and Technology**" as sponsored organisations in the title page. Project Title or the objectives can be altered only with prior permission of KSCST. Any change in the project are strictly prohibited and liable for rejection and the amount sanctioned has to be returned back to KSCST. The fund is to be utilised only for the activities to which it has been released.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [biofuelcell.kscst@gmail.com] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

- 6) Introduction / background
(with specific reference to the project, work done earlier, etc) - about 20 lines
- 6) Objectives (about 10 lines)
- 7) Methodology (about 20 lines)
(materials, methods, details of work carried out, including drawings, diagrams etc)
- 8) Results and Conclusions
(about 20 lines with specific reference to work carried out)
- 9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (biofuelcell.kscst@gmail.com). In your e-mail, please also include project proposal reference number and title of the project.)

e) Best Projects will be awarded in Final Seminar / Exhibition.
The following are the extract of comments / suggestions made by expert. The students and project guides are hereby directed to implement the same and will be looked into during evaluation of the project.

THE STUDY SHOULD MORE ELOBERATE AND FOCUS ON BIODIESEL PRODUCTION IS TO RECOVERY. EFFECTIVE UTILISATION OF WASTE FISH OIL AS FEED STOCK, COST EFFECTIVE TO BE CONSIDERING FINACIAL IMPLICATIONS

The sanctioned amount will be sent through NEFT by Accounts Department. Please furnish the bank account details as per the format enclosed with this letter.

The dates of Mid term evaluation of the sponsored projects will be intimated shortly by email / Website announcement..

Please visit our website for further announcements / information and for any clarifications please email to biofuelcell.kscst@gmail.com

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

1) The Head of the Department of
Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225

2) Prof. M Lokesha
Department of Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225

3) The Finance Officer, KSCST, Bangalore

Encl: As Above

Mr. H. Hemanth Kumar
Executive Secretary

27th March 2019

Ref: 7.1.01/SPP/1333

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225

Dear Sir/Madam,

Sub : Sanction of Student Project (Biofuel) - 42nd Series: Year 2018-2019

Your Project Proposal Reference No. : **42S_B_BE_041**

Re : Your Project Proposal entitled " **A STUDY ON PERFORMANCE AND EMISSION CHARACTERISTICS OF CI ENGINE USING NANO PARTICLES (ZnO, Al₂O₃, GRAPHENE) BLENDED WITH DIESEL-DWS BIODIESEL-ETHANOL BLENDS**

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme (Biofuel)- 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr.Bradley Mathias and others	Budget	Amount (Rs)
		Materials/Consumables	3,500.00
Guide/s	Prof. Vijaykumar Meti	Labor	3,000.00
		Travel	1,000.00
Department	Mechanical Engineering	Analysis	500.00
		Miscellaneous	1,000.00
		Report	500.00
		TOTAL	9,500.00
RUPEES NINE THOUSAND FIVE HUNDRED ONLY			

following are the guidelines to carryout the project work :

The project should be performed based on the objectives of the proposal sent by you.

- 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 (.pdf format) should be submitted to KSCST.
- The project report shall mention the name of "**Karnataka State Bioenergy Development Board and Karnataka State Council for Science and Technology**" as sponsored organisations in the title page. Project Title or the objectives can be altered only with prior permission of KSCST. Any change in the project are strictly prohibited and liable for rejection and the amount sanctioned has to be returned back to KSCST. The fund is to be utilised only for the activities to which it has been released.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [biofuelcell.kscst@gmail.com] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (biofuelcell.kscst@gmail.com). In your e-mail, please also include project proposal reference number and title of the project.)

e) Best Projects will be awarded in Final Seminar / Exhibition.

The following are the extract of comments / suggestions made by expert. The students and project guides are hereby directed to implement the same and will be looked into during evaluation of the project.

YOU HAVE NOT DISCUSSED THE EFFECT OF NANOPARTICLES LET OUT INTO THE ATMOSPHERE AFTER COMBUSTION ON THE HEALTH OF HUMANS

The sanctioned amount will be sent through NEFT by Accounts Department. Please furnish the bank account details as per the format enclosed with this letter.

The dates of Mid term evaluation of the sponsored projects will be intimated shortly by email / Website announcement..

Please visit our website for further announcements / information and for any clarifications please email to biofuelcell.kscst@gmail.com

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

1) The Head of the Department of
Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225

2) Prof. Vijaykumar Meti
Department of Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225

3) The Finance Officer, KSCST, Bangalore

Encl: As Above



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar
Executive Secretary

27th March 2019

Ref: 7.1.01/SPP/1333

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 42nd Series: Year 2018-2019

Your Project Proposal Reference No. : **42S_BE_0541**

Ref : Your Project Proposal entitled " **PRODUCTION OF INK AND PAINT PRODUCTS FROM
INTERNAL COMBUSTION ENGINE EXHAUST SOOT**

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme - 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr. Mohammad Arzoo and others	Budget	Amount (Rs)
		Materials/Consumables	6,000.00
Guide/s	Mrs. Rumana Ali	Labor	-
		Travel	500.00
Department	Mechatronics	Miscellaneous	500.00
		Report	500.00
		TOTAL	7,500.00
	SEVEN THOUSAND FIVE HUNDRED RUPEES ONLY		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The sanctioned amount will be sent through NEFT by Accounts Department. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

1) The Head of the Department of
Mechatronics

Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

2) Mrs. Rumana Ali

Department of Mechatronics
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

3) The Finance Officer, KSCST, Bangalore

Encl: As Above

Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar
Executive Secretary

27th March 2019

Ref: 7.1.01/SPP/1333

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 42nd Series: Year 2018-2019
Your Project Proposal Reference No. : **42S_BE_0543**

Ref : Your Project Proposal entitled " **DESIGN AND IMPLEMENTATION OF HYBRID ELECTRIC TRANSMISSION SYSTEM**

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme - 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr. Manjunath S and others	Budget	Amount (Rs)
		Materials/Consumables	8,000.00
Guide/s	Mr. Sharath D	Labor	-
		Travel	-
Department	Mechatronics	Miscellaneous	500.00
		Report	500.00
		TOTAL	9,000.00
	NINE THOUSAND RUPEES ONLY		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The sanctioned amount will be sent through NEFT by Accounts Department. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

1) The Head of the Department of
Mechatronics
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

2) Mr. Sharath D
Department of Mechatronics
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

3) The Finance Officer, KSCST, Bangalore

Encl: As Above





Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar
Executive Secretary

27th March 2019

Ref: 7.1.01/SPP/1333

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 42nd Series: Year 2018-2019
Your Project Proposal Reference No. : **42S_BE_0547**

Ref : Your Project Proposal entitled " **DESIGN AND FABRICATION OF REMOTE CONTROLLED VEHICLE WASHER**

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme - 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr. Abdul Khader A K and others	Budget	Amount (Rs)
		Materials/Consumables	5,000.00
Guide/s	Mr. Kiran Kumar M.V	Labor	500.00
		Travel	-
Department	Mechatronics	Miscellaneous	500.00
		Report	500.00
		TOTAL	6,500.00
	SIX THOUSAND FIVE HUNDRED RUPEES ONLY		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

- 6) Introduction / background
(with specific reference to the project, work done earlier, etc) - about 20 lines
- 6) Objectives (about 10 lines)
- 7) Methodology (about 20 lines)
(materials, methods, details of work carried out, including drawings, diagrams etc)
- 8) Results and Conclusions
(about 20 lines with specific reference to work carried out)
- 9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The sanctioned amount will be sent through NEFT by Accounts Department. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

- 1) The Head of the Department of
Mechatronics
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 2) Mr. Kiran Kumar M.V
Department of Mechatronics
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 3) The Finance Officer, KSCST, Bangalore

Encl: As Above



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar
Executive Secretary

27th March 2019

Ref: 7.1.01/SPP/1333

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225

Dear Sir/Madam,

Sub : Sanction of Student Project (Biofuel) - 42nd Series: Year 2018-2019

Your Project Proposal Reference No. :

42S-B-MBA-004

Ref : Your Project Proposal entitled "

**BIOGAS AND ORGANIC VEGETABLES - FINANCIALLY
FEASIBLE AGRI BUSINESS PROJECT WITH SPECIAL
REFERENCE TO DEDS SCHEME OF NABARD**

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme (Biofuel)- 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr. Rakshit and others	Budget	
Guide/s	Prof. K Abhaya Kumar	Materials/Consumables	
		Labor	
		Travel	3,000.00
Department	Master Of Bussiness Adminstration	Analysis	
		Miscellaneous	1,500.00
		Report	500.00
		TOTAL	5,000.00
	RUPEES FIVE THOUSAND ONLY		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- The project report shall mention the name of "**Karnataka State Bioenergy Development Board and Karnataka State Council for Science and Technology**" as sponsored organisations in the title page. Project Title or the objectives can be altered only with prior permission of KSCST. Any change in the project are strictly prohibited and liable for rejection and the amount sanctioned has to be returned back to KSCST. The fund is to be utilised only for the activities to which it has been released.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [biofuelcell.kscst@gmail.com] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (biofuelcell.kscst@gmail.com). In your e-mail, please also include project proposal reference number and title of the project.)

e) Best Projects will be awarded in Final Seminar / Exhibition.

The following are the extract of comments / suggestions made by expert. The students and project guides are hereby directed to implement the same and will be looked into during evaluation of the project.

1. TITLE: BIOGAS AND ORGANIC FARMING 2. OBJECTIVES OF REFERRED: INTEGRATED PROJECT OF DAIRY, ORGANIC FARMING AND BIOGAS MANUFACTURE - CLEARLY DEFINED 3. EXPECTED OUTCOME: RURAL ENERGY NEEDS, EMPLOYMENT AND SOCIAL ISSUES

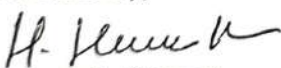
The sanctioned amount will be sent through NEFT by Accounts Department. Please furnish the bank account details as per the format enclosed with this letter.

The dates of Mid term evaluation of the sponsored projects will be intimated shortly by email / Website announcement..

Please visit our website for further announcements / information and for any clarifications please email to biofuelcell.kscst@gmail.com

Thanking you and with best regards,

Yours sincerely,


(H. Hemanth Kumar)

Copy to:

1) The Head of the Department of
Master Of Bussiness Adminstration
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225

2) Prof. K Abhaya Kumar
Department of Master Of Bussiness Adminstration
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225

3) The Finance Officer, KSCST, Bangalore

Encl: As Above



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

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Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar
Executive Secretary

27th March 2019

Ref: 7.1.01/SPP/1333

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225

Dear Sir/Madam,

Sub : Sanction of Student Project (Biofuel) - 42nd Series: Year 2018-2019

Your Project Proposal Reference No. : 42S_B_MBA_005

Ref : Your Project Proposal entitled "

**BIOFUEL FROM PALM SEEDS - A FEASSIBILITY STUDY WITH
REFERENCE TO DAKSHINA KANNADA DISTRICT**

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme (Biofuel)- 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr. Prajnesh and others	Budget	Amount (Rs)
		Materials/Consumables	4,000.00
Guide/s	Prof. Ajith Dmello	Labor	500.00
		Travel	1,000.00
Department	Master Of Bussiness Adminstration	Analysis	-
		Miscellaneous	1,000.00
		Report	500.00
		TOTAL	7,000.00
	RUPEES SEVEN THOUSAND ONLY		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- The project report shall mention the name of "Karnataka State Bioenergy Development Board and Karnataka State Council for Science and Technology" as sponsored organisations in the title page. Project Title or the objectives can be altered only with prior permission of KSCST. Any change in the project are strictly prohibited and liable for rejection and the amount sanctioned has to be returned back to KSCST. The fund is to be utilised only for the activities to which it has been released.
- Please quote your project reference number printed above in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [biofuelcell.kscst@gmail.com] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (biofuelcell.kscst@gmail.com). In your e-mail, please also include project proposal reference number and title of the project.)

e) Best Projects will be awarded in Final Seminar / Exhibition.

The following are the extract of comments / suggestions made by expert. The students and project guides are hereby directed to implement the same and will be looked into during evaluation of the project.

1. CHANGE TITLE: FEASIBILITY STUDY BIODIESEL PRODUCTION FROM PALM SEEDS - DAKSHINA KANNADA DISTRICT 2. SCOPE-OBJECTIVE
A) ESTIMATION OF PALM SEEDS QUANTITY WHICH IS NECESSARY TO ESTIMATE THE EXPECTED BIODIESEL PRODUCTION IN DAKSHINA KANNADA B) ESTIMATION OF OIL CONTENT IN SEEDS C) FEASIBILITY STUDY - ESTABLISHMENT OF BIODIESEL MANAGEMENT UNIT D) FINANCIAL ANALYSIS, OPERATING COST, CASH AND FUND FLOW ROI ETC

The sanctioned amount will be sent through NEFT by Accounts Department. Please furnish the bank account details as per the format enclosed with this letter.

The dates of Mid term evaluation of the sponsored projects will be intimated shortly by email / Website announcement..

Please visit our website for further announcements / information and for any clarifications please email to biofuelcell.kscst@gmail.com

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

1) The Head of the Department of
Master Of Bussiness Adminstration
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225

2) Prof. Ajith Dmello
Department of Master Of Bussiness Adminstration
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225

3) The Finance Officer, KSCST, Bangalore

Encl: As Above



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Dr. S. G. Sreekanteswara Swamy
Executive Secretary

28th March, 2018

Ref: 7.1.01/SPP/08

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

Dear Sir,

Sub : Sanction of Student Project - 41st Series: Year 2017-2018
Your Project Proposal Reference No. : **41S_BE_0175**

Ref : Your Project Proposal entitled " **FAULT DIAGNOSIS IN BELT DRIVE TRANSMISSION USING WAVELET SPECTRUM**

I am happy to inform that your project proposal referred above, has been approved by the Secretary, KSCST for "Student Project Programme - 41st Series" and has been sanctioned with a budgetary break-up as detailed below:

Students	Mr. Balaji K N and others	Budget	Amount (Rs)
		Materials/Consumables	5,000.00
Guide/s	Prof. Sujesh	Labor	-
		Travel	-
Department	Aeronautical Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	6,000.00
	RUPEES RUPEES SIX THOUSAND		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project sanction reference number printed above** in all your future correspondences.
- Important: After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following points:
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

5) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The following are the extract of comments / suggestions of the expert. The students and project guides are hereby directed to implement the same and will be looked into during evaluation of the project.


BELT DRIVE WILL BE HAVING SLIP. HOW WILL YOU AVOID THE SLIPS, JUSTIFY. CALCULATE THE LOADS. ECONOMICAL ASPECTS.

The sanctioned amount will be sent separately by our Accounts Department.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by email / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Yours sincerely,



(S.G.S. Swamy)

Copy to:

- 1) The Head of the Department of
Aeronautical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

- 2) Prof. Sujesh
Department of Aeronautical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

- 3) The Finance Officer, KSCST, Bengaluru



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Dr. S. G. Sreekanteswara Swamy
Executive Secretary

28th March, 2018

Ref: 7.1.01/SPP/08

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

Dear Sir,

Sub : Sanction of Student Project - 41st Series: Year 2017-2018
Your Project Proposal Reference No. : **41S_BE_0879**

Ref : Your Project Proposal entitled " **RENEWABLE ENERGY AUTONOMOUS DRONE FOR AGRO BASED APPLICATIONS**

I am happy to inform that your project proposal referred above, has been approved by the Secretary, KSCST for "Student Project Programme - 41st Series" and has been sanctioned with a budgetary break-up as detailed below:

Students	Ms. Keerthi K S and others	Budget	Amount (Rs)
		Materials/Consumables	4,000.00
Guide/s	Mr. Manas Jain	Labor	-
		Travel	-
Department	Aeronautical Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	5,000.00
RUPEES FIVE THOUDSAND			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project sanction reference number printed above** in all your future correspondences.
- Important: After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following points:
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

5) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The following are the extract of comments / suggestions of the expert. The students and project guides are hereby directed to implement the same and will be looked into during evaluation of the project.

STUDY THE ECONOMICAL ASPECTS. STUDY THE DRONE AS PER THE TECHNICAL ASPECTS.

The sanctioned amount will be sent separately by our Accounts Department.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by email / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Yours sincerely,



(S.G.S. Swamy)

Copy to:

1) The Head of the Department of
Aeronautical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

2) Mr. Manas Jain
Department of Aeronautical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

3) The Finance Officer, KSCST, Bengaluru



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

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Dr. S. G. Sreekanteswara Swamy
Executive Secretary

28th March, 2018

Ref: 7.1.01/SPP/08

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

Dear Sir,

Sub : Sanction of Student Project - 41st Series: Year 2017-2018
Your Project Proposal Reference No. : **41S_BE_0882**

Ref : Your Project Proposal entitled "**DESIGN AND DEVELOPMENT OF SLATEX GENERATOR**"

I am happy to inform that your project proposal referred above, has been approved by the Secretary, KSCST for "Student Project Programme - 41st Series" and has been sanctioned with a budgetary break-up as detailed below:

Students	Mr. Shubham Chavan and others	Budget	Amount (Rs)
		Materials/Consumables	4,000.00
Guide/s	Mr. Srinath	Labor	-
		Travel	-
Department	Aeronautical Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	5,000.00
RUPEES FIVE THOUDSAND			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project sanction reference number printed above** in all your future correspondences.
- Important: After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following points:
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

5) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

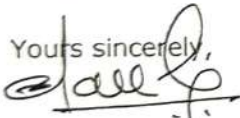
The following are the extract of comments / suggestions of the expert. The students and project guides are hereby directed to implement the same and will be looked into during evaluation of the project.

CHANGE THE REYLONG'S NUMBER MACH NUMBER AT SUPERSONIC AND SUBSONIC CASSES ALSO. COMPARE THE RESULTS WITH SXISTING.

The sanctioned amount will be sent separately by our Accounts Department.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by email / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Yours sincerely,

 (S.G.S. Swamy)

Copy to:

1) The Head of the Department of
 Aeronautical Engineering
 Mangalore Institute Of Technology And Engineering,
 Badaga Mijar, Moodabidri,
 Mangaluru - 574 225.

2) Mr. Srinath
 Department of Aeronautical Engineering
 Mangalore Institute Of Technology And Engineering,
 Badaga Mijar, Moodabidri,
 Mangaluru - 574 225.

3) The Finance Officer, KSCST, Bengaluru



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Dr. S. G. Sreekanteswara Swamy
Executive Secretary

28th March 2018

Ref: 7.1.01/SPP/08

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

Dear Sir,

Sub : Sanction of Student Project - 41st Series: Year 2017-2018

Your Project Proposal Reference No. : **41S_BE_0869**

Ref : Your Project Proposal entitled " **REMOVAL OF METHYLENE BLUE FROM AQUEOUS SOLUTION: AN APPROACH OF ENVIRONMENTAL FRIENDLY ACTIVATED CARBON**

I am happy to inform that your project proposal referred above, has been approved by the Secretary, KSCST for "Student Project Programme - 41st Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Ms. Chaitra M and others	Budget	Amount (Rs)
		Materials/Consumables	3,500.00
Guide/s	Dr. Jayaprakash M C	Labor	-
		Travel	-
Department	Civil Engineering	Miscellaneous	-
		Report	500.00
		TOTAL	4,000.00
	RUPEES FOUR THOUSAND		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project sanction reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

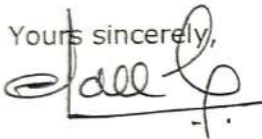
The sanctioned amount will be sent separately by our Accounts Department.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(S.G.S. Swamy)

Copy to:

- 1) The Head of the Department of
Civil Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 2) Dr. Jayaprakash M C
Department of Civil Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 3) The Finance Officer, KSCST, Bangalore



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Indian Institute of Science Campus, Bengaluru - 560 012

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Dr. S. G. Sreekanteswara Swamy
Executive Secretary

28th March 2018

Ref: 7.1.01/SPP/08

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

Dear Sir,

Sub : Sanction of Student Project - 41st Series: Year 2017-2018

Your Project Proposal Reference No. : **41S_BE_0850**

Ref : Your Project Proposal entitled " **USE OF EGG SHELLS AND SEA SHELLS IN THE REMOVAL OF HEAVY METALS SUCH AS LEAD, CADMIUM AND COPPER FROM WASTE WATER**

I am happy to inform that your project proposal referred above, has been approved by the Secretary, KSCST for "Student Project Programme - 41st Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Ms. Trupti and others	Budget	Amount (Rs)
		Materials/Consumables	4,500.00
Guide/s	Dr. Jayaprakash M C	Labor	-
		Travel	-
Department	Civil Engineering	Miscellaneous	-
		Report	500.00
		TOTAL	5,000.00
	RUPEES FIVE THOUDSAND		

The following are the guidelines to carryout the project work :

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- Please quote your **project sanction reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

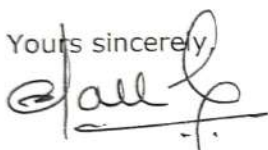
The sanctioned amount will be sent separately by our Accounts Department.

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Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(S.G.S. Swamy)

Copy to:

1) The Head of the Department of

Civil Engineering

Mangalore Institute Of Technology And Engineering,

Badaga Mijar, Moodabidri,

Mangaluru - 574 225.

2) Dr. Jayaprakash M C

Department of Civil Engineering

Mangalore Institute Of Technology And Engineering,

Badaga Mijar, Moodabidri,

Mangaluru - 574 225.

3) The Finance Officer, KSCST, Bangalore



Karnataka State Council for Science and Technology

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Dr. S. G. Sreekanteswara Swamy
Executive Secretary

28th March 2018

Ref: 7.1.01/SPP/08

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

Dear Sir,

Sub : Sanction of Student Project - 41st Series: Year 2017-2018

Your Project Proposal Reference No. : 41S_BE_0487

Ref : Your Project Proposal entitled " **ELDERLY CARE**

I am happy to inform that your project proposal referred above, has been approved by the Secretary, KSCST for "Student Project Programme - 41st Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Ms. Sinchana C Shetty and others	Budget	Amount (Rs)
		Materials/Consumables	4,000.00
Guide/s	Mr. Ganesh V N	Labor	-
		Travel	-
Department	Electronics And Communication Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	5,000.00
RUPEES FIVE THOUDSAND			

The following are the guidelines to carryout the project work :

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- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project sanction reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

41S_BE_0487

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

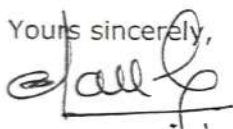
The sanctioned amount will be sent separately by our Accounts Department.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(S.G.S. Swamy)

Copy to:

- 1) The Head of the Department of
Electronics And Communication Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 2) Mr. Ganesh V N
Department of Electronics And Communication Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 3) The Finance Officer, KSCST, Bangalore



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Dr. S. G. Sreekanteswara Swamy
Executive Secretary

28th March 2018

Ref: 7.1.01/SPP/08

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

Dear Sir,

Sub : Sanction of Student Project - 41st Series: Year 2017-2018

Your Project Proposal Reference No. : **41S_BE_2068**

Ref : Your Project Proposal entitled " **CONVERSION OF ATMOSPHERIC AIR TO SOURCE OF ENERGY WATER**

I am happy to inform that your project proposal referred above, has been approved by the Secretary, KSCST for "Student Project Programme - 41st Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr. Karthik Mallya M and others	Budget	Amount (Rs)
		Materials/Consumables	6,000.00
Guide/s	Mr. Ranjith H.D	Labor	-
		Travel	-
Department	Electronics And Communication Engineering	Miscellaneous	-
		Report	500.00
		TOTAL	6,500.00
RUPEES SIX THOUSAND FIVE HUNDRED			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
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 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

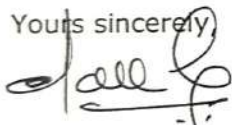
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Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(S.G.S. Swamy)

Copy to:

- 1) The Head of the Department of
Electronics And Communication Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 2) Mr. Ranjith H.D
Department of Electronics And Communication Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 3) The Finance Officer, KSCST, Bangalore



Karnataka State Council for Science and Technology

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Dr. S. G. Sreekanteswara Swamy
Executive Secretary

Ref: 7.1.01/SPP/08

28th March, 2018

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

Dear Sir,

Sub : Sanction of Student Project - 41st Series: Year 2017-2018
Your Project Proposal Reference No. : **41S_BE_0838**

Ref : Your Project Proposal entitled " **SELF RETRACTING CHAIR**

I am happy to inform that your project proposal referred above, has been approved by the Secretary, KSCST for "Student Project Programme - 41st Series" and has been sanctioned with a budgetary break-up as detailed below:

Students	Mr. Ajay D Kukiyan and others	Budget	Amount (Rs)
		Materials/Consumables	4,500.00
Guide/s	Prof. Rahul Sanjiv	Labor	-
		Travel	-
Department	Mechanical Engineering	Miscellaneous	-
		Report	500.00
		TOTAL	5,000.00
RUPEES FIVE THOUDSAND			

ie following are the guidelines to carryout the project work :

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 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

5) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The following are the extract of comments / suggestions of the expert. The students and project guides are hereby directed to implement the same and will be looked into during evaluation of the project.

NOVEL

The sanctioned amount will be sent separately by our Accounts Department.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by email / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Yours sincerely,



(S.G.S. Swamy)

Copy to:

- 1) The Head of the Department of
Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 2) Prof. Rahul Sanjiv
Department of Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 3) The Finance Officer, KSCST, Bengaluru



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Dr. S. G. Sreekanteswara Swamy
Executive Secretary

28th March 2018

Ref: 7.1.01/SPP/08

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

Dear Sir,

Sub : Sanction of Student Project - 41st Series: Year 2017-2018
Your Project Proposal Reference No. : **41S_BE_1539**

Ref : Your Project Proposal entitled " **PORTABLE POLE PRUNER**

I am happy to inform that your project proposal referred above, has been approved by the Secretary, KSCST for "Student Project Programme - 41st Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr. Violin Nairr and others	Budget	Amount (Rs)
		Materials/Consumables	4,500.00
Guide/s	Mr. Banuprakash H S	Labor	-
		Travel	-
Department	Mechanical Engineering	Miscellaneous	-
		Report	500.00
		TOTAL	5,000.00
	RUPEES FIVE THOUDSAND		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project sanction reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

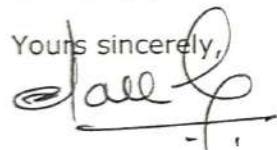
The sanctioned amount will be sent separately by our Accounts Department.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(S.G.S. Swamy)

Copy to:

- 1) The Head of the Department of
Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 2) Mr. Banuprakash H S
Department of Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.
- 3) The Finance Officer, KSCST, Bangalore



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Dr. S. G. Sreekanteswara Swamy
Executive Secretary

28th MARCH 2018

Ref: 7.1.01/SPP/08

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225

Dear Sir,

Sub : Sanction of Student Project (Biofuel) - 41st Series : Year 2017-2018

Your Project Proposal Reference No. :

41S_B_BE_057

Ref : Your Project Proposal entitled "

PERFORMANCE AND EMISSION CHARACTERISTICS STUDIES OF CI
ENGINE USING GRAPHENE AND ALUMINIUM OXIDE NANO PARTICLES
BLENDED DAIRY WASTE SCUM BIO DIESEL AND EFFECT OF INJECTION
PRESSURE AND THREE AND FIVE HOLE OF NOZZLE COMBUSTION PROCESS

I am happy to inform that your project proposal referred above, has been approved by the Secretary, KSCST for "Student Project Programme (Biofuel) 41st Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr. Mohammed Safwan	Budget	Amount (Rs)
	and others	Materials/Consumables	6,000.00
Guide/s	Dr. Vignesh Nayak	Labor	1,000.00
		Travel	1,000.00
		Analysis	-
Department	Mechanical Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	9,000.00
	RUPEES NINE THOUSAND		

The following are the guidelines to carryout the project work :

- The project should be carried out based on the objectives of the proposal sent by you.
- The project should be completed in all respects and **a) One copy** of the hardbound report **b)** Softcopy of the full report (including coverpages, abstract & preliminary pages in a CD (.doc and .pdf format)
- The project report shall mention the name of "**Karnataka State Bioenergy Development Board and Karnataka State Council for Science and Technology**" as sponsored organisations in the title page. Project Title or the objectives can be altered only with prior permission of KSCST. Any change in the project are strictly prohibited and liable for rejection and the amount sanctioned has to be returned back to KSCST. The fund is to be utilised only for the activities to which it has been released.
- Please quote your **project sanction reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [biofuelcell.kscst@gmail.com] and should include following :
 - Title of the project
 - Name of the College & Department

Dr.
F

41S_B_BE_057

- 3) Name of the students & Guide(s)
- 4) Keywords
- 5) Introduction / background
(with specific reference to the project, work done earlier, etc) - about 20 lines
- 6) Objectives (about 10 lines)
- 7) Methodology (about 20 lines)
(materials, methods, details of work carried out, including drawings, diagrams etc)
- 8) Results and Conclusions
(about 20 lines with specific reference to work carried out)
- 9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (biofuelcell.kscst@gmail.com). In your e-mail, please also include project proposal reference number and title of the project.)

e) Best Projects will be awarded in Final Seminar / Exhibition.

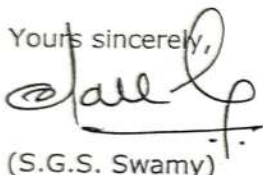
The amount sanctioned for the selected projects will be sent by cheque.

The Mid term evaluation of the sponsored projects evaluation details will be intimated shortly by email / Website announcement..

Please visit our website for further announcements / information and for any clarifications please email to biofuelcell.kscst@gmail.com

Thanking you and with best regards,

Yours sincerely,



(S.G.S. Swamy)

Copy to:

- 1) The Head of the Department of
Mechanical Engineering
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225
- 2) Dr. Vignesh Nayak
Department of Mechanical Engineering
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225
- 3) The Finance Officer, KSCST, Bangalore

Dr. S. G. Sreekanteswara Swamy
Executive Secretary

28th March 2018

Ref: 7.1.01/SPP/08

The Principal,
Mangalore Institute of Technology and Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

Dear Sir,

Sub : Sanction of Student Project - 41st Series: Year 2017-2018

Your Project Proposal Reference No. : 41S_BE_0004

Ref : Your Project Proposal entitled " **MULTINOZZLE MANUALLY OPERATED SPRAYER**

I am happy to inform that your project proposal referred above, has been approved by the Secretary, KSCST for "Student Project Programme - 41st Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr. Harsha Rahul Crasta and others	Budget	Amount (Rs)
		Materials/Consumables	6,000.00
Guide/s	Prof. Sunilkumar M R	Labor	500.00
		Travel	500.00
Department	Mechanical Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	8,000.00
	RUPEES EIGHT THOUSAND		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- 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 (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project sanction reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

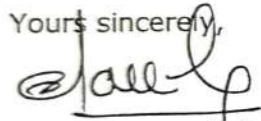
The sanctioned amount will be sent separately by our Accounts Department.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(S.G.S. Swamy)

Copy to:

1) The Head of the Department of
Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

2) Prof. Sunilkumar M R
Department of Mechanical Engineering
Mangalore Institute Of Technology And Engineering,
Badaga Mijar, Moodabidri,
Mangaluru - 574 225.

3) The Finance Officer, KSCST, Bangalore

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

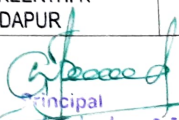
Indian Institute of Science Campus, Bengaluru - 560012

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

72) MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODBIDRI

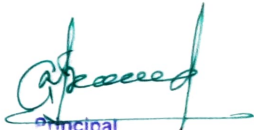
Sl No.	Project proposal Ref. No.	TITLE OF THE PROJECT	BRANCH	NAME OF THE GUIDE/S	STUDENT1 & TEAM LEADER	SANCTIONED AMOUNT (Rs.)
288)	40S_BE_0764	EFFECT OF GARNET ON MECHANICAL, WEAR AND CHEMICAL PROPERTIES OF NICKEL ALLOY FOR AEROSPACE AND MARINE APPLICATIONS	AERONAUTICAL ENGINEERING	DR. G. PURUSHOTHAM	MR. AMAR ALVA	8,500.00
289)	40S_BE_0765	FABRICATION OF PNEUMATIC OPERATED EMERGENCY EXIT SYSTEM IN AIRCRAFTS	AERONAUTICAL ENGINEERING	MR PRANEETH H R	MR. PUNITH J REDDY	8,500.00
290)	40S_BE_0928	THERMAL BARRIER COATING FOR EFFICIENT GAS TURBINE	AERONAUTICAL ENGINEERING	DR. G. PURUSHOTHAM	MR. DEEPAK REDDY	6,500.00
291)	40S_BE_2080	A STUDY ON THE PHYSICO-CHEMICAL PARAMETERS OF LEACHATE AND ITS IMPACT ON GROUND WATER CONTAMINATION IN THE VICINITY OF MUNICIPAL LANDFILL OF MANGALORE, UDUPI & MOODABIDRI	CIVIL ENGINEERING	PROF. SUSHANTH S. BHANDARY	MR. RAKSHITH	4,500.00
292)	40S_BE_0069	AUTOMATION OF WASTE WATER HARNESSING TO GENERATE ELCTRIC POWER USING SMFC METHODOLOGY	ELECTRONICS AND COMMUNICATION ENGINEERING	MR. PADMA PRASADA	MS. VIJETHA SHETTY	7,000.00
293)	40S_BE_0196	DETECTION AND IDENTIFICATION OF FLYING BIRD SPECIES USING IMAGE PROCESSING	ELECTRONICS AND COMMUNICATION ENGINEERING	MR. DONY ARMSTRONG D'SOUZA	MS. SAVITHA	6,000.00
294)	40S_BE_0372	SMART AUDITORIUM WITH SECURITY SYSTEM	ELECTRONICS AND COMMUNICATION ENGINEERING	MR. SUDARSHAN	MS. ATHMIKA RAI	5,000.00
295)	40S_BE_1021	ARDUINO BASED WATER QUALITY MONITORING SYSTEM	ELECTRONICS AND COMMUNICATION ENGINEERING	PROF. SRI KRISHNA SHASTRI C	MS. AKSHATHA A C	4,000.00
296)	40S_BE_1411	BORDER ALERT AND SAFETY SYSTEM FOR FISHERMEN	ELECTRONICS AND COMMUNICATION ENGINEERING	MR. PRAKASH SHETTY	MS. KEERTHI K KUNDAPUR	5,500.00

KSCST : 40th Series of Student Project Programme : List of Projects sanctioned : 2016 - 2017


Principal

Mangalore Institute of Technology & Engineering
Badaga Mijar, MOODBIDRI

297)	40S_BE_0748	LI-FI BASED BLIND INDOOR NAVIGATION SYSTEM FOR VISUALLY IMPAIRED PEOPLE	INFORMATION SCIENCE AND ENGINEERING	PROF. RAMANANDA MALLYA	MS. AMITHA R.	4,000.00
298)	40S_BE_0887	LIFE SHARE - LOCALIZED BLOOD DONOR CONNECTOR	INFORMATION SCIENCE AND ENGINEERING	PROF. NARENDRA U P	MR. SAMEER AHMED	3,500.00
299)	40S_BE_2056	FABRICATION OF ORGANIC WASTAGE MIXER AND SPRAYER	MECHANICAL ENGINEERING	PROF. ELSTON D'CRUZ	MR. VISHNU VENUGOPAL	8,000.00
300)	40S_BE_2068	MULTINOZZLE MANUALLY OPERATED SPRAYER	MECHANICAL ENGINEERING	PROF. SUNIL KUMAR	MR./ PRAKYATH R. SALIAN	7,000.00
301)	40S_BE_2077	PEDAL POWDERED REVERSE OSMOSIS WATER PURIFICATION	MECHANICAL ENGINEERING	PROF. L.V. GIRISH	MR. SHIVARAJKUMAR	6,000.00


 Principal
 Mangalore Institute of Technology & Engineering
 Badaga II, Mangalore - 575 005

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru 560012

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

20) MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODABIDRI

Sl. No.	Proj. proposal Ref. No.	TITLE OF THE PROJECT	BRANCH	NAME OF THE GUIDE/S	STUDENT1 & TEAM LEADER	Sectioned Amount(Rs.)
27.	40S_B_BE_043	STUDIES ON STABLE DISPERSION OF CARBON NANO TUBE MATERIALS IN BIODIESEL FUEL	MECHANICAL ENGINEERING	DR. C. R. RAJASHEKHAR	MR. JOEL RAKSHITH ALBERT	9,000.00
28.	40S_B_BE_045	PERFORMANCE AND EMISSION STUDIES OF NANO PARTICLE ADDED BIODIESEL BLENDED FUELS IN CI ENGINE	MECHANICAL ENGINEERING	MR. SANDEEP K.	MR. VAIBHAV SHETTY	8,000.00

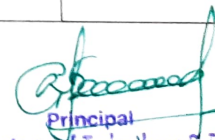

Principal
Mangalore Institute of Technology & Engineering
Badaga Mijar, MOODABIDRI - 574 225

KSCST : 40th Series of Student Project Programme (Biofuel/Bioenergy) : List of Projects sanctioned : 2016-2017

63) MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODABIDRI

252.	39S_BE_0370	SOLAR POWER BASED MACHINE FOR IDENTIFICATION OF DISEASES IN PLANT AND MAINTENANCE	ELECTRONICS AND COMMUNICATION ENGINEERING	MR. SUDARSHAN BHAT	MS ANUSHREE
253.	39S_BE_0371	BUS PASS GENERATION SYTEM USING ANDROID APPLICATION	INFORMATION SCIENCE AND ENGINEERING	MR. NARENDRA U P	MS M RASHMI
254.	39S_BE_0373	SMART WASTE MANAGEMENT SYSTEM	COMPUTER SCIENCE AND ENGINEERING	MS. NIRMALA Y BARIKER	MR ACHARYA KIRAN UMESH
255.	39S_BE_0378	AUTOMATED TOLL TAX COLLECTIONSYSTEM USING NFC (ATTCS)	COMPUTER SCIENCE AND ENGINEERING	MRS. RENITA TELLIS	MR HAFIS MUHAMMED NF
256.	39S_BE_0384	IOT BASED AUTOMATIC WASTE MANAGEMENT SYSTEM	TELECOMMUNICATION ENGINEERING	MR. RANJITH H D	MS HARSHITA CHANDRASHEKHAR NAIK
257.	39S_BE_0888	SOLAR POWERED NATURAL FRIDGE	MECHANICAL ENGINEERING	MR. VIJAY KUMAR S L	HARSHENDRA POOJARY
258.	39S_BE_0890	SYNTHESIS AND APPLICATION OF MULTIWALLED CARBON NANOTUBES IN BIODIESEL COMBUSTION	MECHANICAL ENGINEERING	MR. SANDEEP K	MR. SANATH KIDIYOOR
259.	39S_BE_0893	DEVELOPMENT OF NSC AND HSC USING LATERITE SOIL AS A REPLACEMENT TO SAND	CIVIL ENGINEERING	MR.ABHILASH D T	MR.AVINASH KUMAR
260.	39S_BE_0903	THERMOPILE ASSISTED IMPROVISED COOKSTOVE	MECHANICAL ENGINEERING	MR. GIRISH L. V	MR. ADITH PS
261.	39S_BE_0906	TRIPLET LIFI	ELECTRONICS AND COMMUNICATION ENGINEERING	MR. H M RAMALINGAM	MR SHIBIN GEORGE
262.	39S_BE_2222	EXPERIMENTAL INVESTIGATION OF MECHANICAL PROPERTIES FOR TAMARIND AND EGG SHELL PARTICLE AS A FILLERS IN EPOXY HYBRID COMPOSITES	AERONAUTICAL ENGINEERING	PROF. SRINIVAS K R	MR. JAIN HARIPRASADP
263.	39S_BE_2227	BIO-INSPIRED MORPHING WING	AERONAUTICAL ENGINEERING	MR. SATHISH A S	MR. PRAJEET SINGH

39th Series : SPP : KSCST : 2015 - 2016


Principal

Mangalore Institute of Technology & Engineering

Mangalore, India

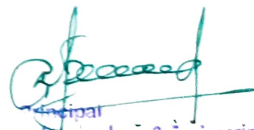
KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru 560012

LIST OF BIOFUEL PROJECTS SANCTIONED UNDER 39thSERIES OF STUDENT PROJECT PROGRAMME: 2015-2016

26) MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODABIDRI

Sl. No.	Proj. proposal Ref. No.	TITLE OF THE PROJECT	BRANCH	NAME OF THE GUIDE/S	STUDENT1 & TEAM LEADER	Sectioned Amount
38.	39S_B_BE_004	FUEL OIL EXTRACTION THROUGH PYROLYSIS USING SOLAR ASSISTED FORCED CONVECTION AIR HEATER	MECHANICAL ENGINEERING	DR. C.R. RAJASHEKAR	MR. PRAMOD B. PARIT	12,000.00


Mangalore Institute of Technology & Engineering
Bengaluru 560012 Dist - 576 225



Visvesvaraya Technological University
"Jnana Sangama", Belagavi - 590 018, Karnataka State

Prof. A S. Deshpande B.E. M.Tech., Ph.D.
REGISTRAR

Phone : (0831) 2498100
Fax : (0831) 2405467

Ref VTU/BGM/Aca-OS/Gen-Cirs/2019-20/ 10300

Date : 11 MAR 2020

CIRCULAR

**Sub: Financial Assistance for Innovative Projects of
Final Year Under Graduate students for the
year 2019-20 - reg...**

Ref: 1. Executive Resolution No. 4.1 of 27-11-2017
2. Hon'ble Vice-Chancellor's Approval dated 7th March, 2020

With reference to the above and by the directions of the Hon'ble Vice-Chancellor, this is to inform you that, the University shall Provide Financial Assistance to the deserving Projects of Undergraduate 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 years student 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 offered by the College.
3. The top two deserving projects (in each branch) shall be chosen by the Committee in respective College.
4. Each College shall constitute 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/ Industries as deemed for by the Institution in each branch. -Members

Contd...2

5. The details of selected projects along with proceedings shall be submitted to the undersigned on or before **25th March, 2020** in the following format.

Documents to be Attached:

- a) Affiliation notification issued by VTU for 2019-20
b) Proceedings of the Committee for selection of Projects:

S.No	Branch		Title of the Project	Name/ Names of student	Name of Guide	Remarks
1		1				
		2				
2		1				
		2				

6. The proposal received after the last date will not be considered.
7. Further, the selected projects will be permitted for exhibition at VTU Head Office, Belagavi, which will be intimated in due course of time.

This is for information and needful.

**BY ORDER,
Sd/-
REGISTRAR**

To,
The Principals of all Colleges under ambit of VTU, Belagavi

Copy FWCs to:

1. The Registrar (Evaluation), VTU Belagavi, for information and needful
2. The Finance Officer, VTU, Belagavi
3. The In-charge Regional Directors (Bangalore, Belagavi Mysore Kalaburgi) with a request to circulate the same to all colleges
4. The Secretary to VC, VTU Belagavi, for information.
5. The Concerned Case-worker of Academic Section, VTU, Belagavi
6. CNC to Upload on VTU website

REGISTRAR

11.03.2020



MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING

An ISO 9001:2015 Certified Institution, Accredited by NAAC
(A unit of Rajalaxmi Education Trust[®])

Affiliated to V.T.U., Belagavi, Approved by AICTE, New Delhi.

To,

Date: 20/03/2020

The Registrar,

Visvesvaraya Technological University

"Jnana Sangama", Belagavi

Karnataka, INDIA -590018

Dear Sir,

Subject: MITE-Moodbidri: Submission of Final year student projects for Financial Assistance 2019-20 reg:-

Ref: Circular No: VTU/BGM/Aca-OS/Gen-Cirs/2019-2020/10300 Dated 11 /03/2020.

As per the subject cited above, University has invited project proposals from Final Year students of all the colleges affiliated to the university towards providing financial assistance. As per the circular, Maximum of two project proposals from each of Department have to be selected and sent to the university.

In this regard, to scrutinize and finalize the project batches for the VTU funding, Project reviews were held in the respective Departments of Aeronautical Engineering, Computer Science & Engineering, Civil Engineering, Electronics and Communication Engineering, Information science & Engineering, Mechanical Engineering and Mechatronics Engineering.

Head of the department and three Seniors from each departments were present in the Project review and provided their valuable inputs to the students.

Based on the Project reviews, two projects from each department have been selected for the Financial Assistance.

The List of the Project proposals forwarded for the Visvesvaraya Technological University Financial Assistance from our Institution is attached.

Thanking you,

Regards,

Ramesh 20/3/2020

Principal
Principal

Mangalore Institute of Technology & Engineering
Badaga Mijar, MOODBIDRI - 574 225

Mijar, Moodabidri - 574225, Mangalore Taluk, D.K. Dist., Karnataka, INDIA.

Tel : 08258 - 262695 / 96 / 97 / 98, Telefax : 08258-262698/99 E-mail : principal@mite.ac.in info@mite.ac.in Web : www.mite.ac.in



List of the Projects selected for VTU Financial Assistance

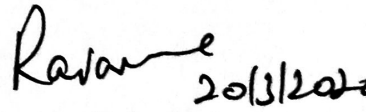
	Branch		Title of the Project	Name/ Names of Student	Name of Guide
1	Aeronautical Engineering	1	Pollution Control Using Artificial Intelligence Drone.	1. K S Nirahankar 2. Arpitha S Holla 3. Manoj Kumar S 4. Akhil Sivan	Dr. G Purushotham
		2	Gesture Controlled UAV Drone3	1. Arpith Jain 2. Clavin Anton Rodrigues 3. Glen Shannaon DSouza 4. Pooja N	Mr. Sujesh Kumar
2	Computer Science & Engineering	1	Creating Attack Data Set and Network Attack Detection System Using Neural Networks	1. Prathika S Rai 2. Shreya Sadananda Poojary 3. Reevan Christopher Cutinho 4. Sapna B Shetty	Mr. Ravinarayana B
		2	Convergence of Blockchain and Machine learning for Health	1. G M Mufeed 2. Arpith S 3. Anusha K R 4. Gahana	Mr. Manjunatha A S
3	Civil Engineering	1	Experimental Studies on the Behavior of Fibre Reinforced Concrete Arches	1. Jahnvi 2. Jeevan V 3. Manikanta K B 4. Vishu Kumar	Dr. Ganesha Mogaveera
		2	Experimental Investigation on Load Carrying Capacity of Micro Reinforced Arches	1. Nithin 2. Sharath U R 3. Deepak 4. Mayur Naik	Mr. Umesh S S
4	Electronics and Communication Engineering	1	ENTRACK	1. Abhilasha 2. Amrutha 3. Chaithanya M S 4. Jenisha Coelho	Mr. Sathisha
		2	Intelligent Wiper System for Vehicles	1. Arun Kumar 2. Vishwanath J 3. Suman P N 4. Prasada	Mr. Dony Armstrong DSouza

Raw
Principal 20/3/2020



MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING
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Affiliated to V.T.U., Belgaum, Approved by AICTE, New Delhi

5	Information Science & Engineering	1	Electronic Voting Machine using Block Chain	1. Joy Ashly DSouza 2. Niranjan Mallya 3. Praneeth R K 4. Shashank Bhat	Mr. Narendra U P
		2	DE duplication in cloud computing	1. Aishwarya 2. K S Snehalatha 3. Rashmi 4. Poorvika	Mr. Rajesh Kamath
6	Mechanical Engineering	1	Design and Development of Intelligent Reverse Breaking System	1. Kenny Vishal 2. Deepak Dudhani	Dr. C R Rajashekhar
		2	Enhancing the efficiency of Solar cells using self-cooling system	1. Mohammed Ismail Sinan 2. Mohammed Saheem Sheikh 3. Shetty Harshith Ramesh 4. Sampreeth Bhandary	Mr. Bhanuprakash/ Mr.Swaroop
7	Mechatronics Engineering	1	Converting Salt water to Fresh Water using Solar Desalination Technique.	1. Mourya Raj Shetty 2. Sidramappa 3. Harshith Gowda	Mr. Chennakeshava R
		2	Carbon Extraction from the Atmosphere	1. Joel Serrao 2. Jasline Loren Tauro 3. Adarsh P 4. Sudheendra	Mr. Kiran Kumar M V


 Principal
 Principal
 Mangalore Institute of Technology & Engineering
 Badaga Mijar, MOODBIDRI - 574 225



Visvesvaraya Technological University

"Jnana Sangama", Belagavi – 590 018, Karnataka State

Dr. Satish Annigere

Registrar (I/c)

Ref: VTU/Aca./A-4/2019-20/

Phone: (0831) 2405468

Fax: (0831) 2405467

Date: 11 JUL 2019

To,

The Principal,
Mangalore Institute of
Technology & Management,
Moodabidri.

SPEED POST

Sir,

Sub: Sanction of Financial Assistance for 2018-19 to the selected projects of
UG student's reg

Ref: No.VTU/BGM/Aca.OS/Gen-Cir/2018-19/10716,dt. 02.03.2019

With reference to the above subject, please find herewith a D.D Bearing No 640637 dated
04.07.2019 of Rs. 70,000/- towards the sanction of Financial Assistance to the selected projects of
UG students.

Kindly acknowledge the receipt of the same.

Encl: as above.

Yours faithfully,

Annigere

Registrar (I/c)

11.8.17



deposited to principal
He on 25/7/19
108410
25/7/19



Visvesvaraya Technological University

"Jnana Sangama"

Belagavi - 590 018, Karnataka State

Dr. Satish Anugeri

REGISTRAR(VC)

Ref: VTU/BGM/Aca-OS/Gen-Clr/2018-19/ 1071.6

Phone : (0831) 2498100

Fax : (0831) 2405467

Date :

12 MAR 2019

CIRCULAR

**Sub: Financial Assistance for Innovative Projects of
Final Year Under Graduate students for the
year 2018-19 - reg...**

Ref: Hon'ble Vice-Chancellor's Approval dated 2nd March, 2019

With reference to the above and by the directions of the Hon'ble Vice-Chancellor, this is to inform you that, the University shall Provide Financial Assistance to the deserving Projects of Undergraduate 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 years student 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 offered by the College.
3. The top two deserving projects (in each branch) shall be chosen by the Committee in respective College.
4. Each College shall constitute 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/ Industries as deemed for by the Institution in each branch. -Members
5. The details of selected projects shall be submitted to the undersigned on or before 23rd March, 2019 in the following format.

Documents to be Attached:

- a) Affiliation notification issued by VTU for 2018-19
- b) Proceedings of the Committee for selection of Projects:

S.No	Branch		Title of the Project	Name/ Names of student	Name of Guide	Remarks
1		1				
		2				
2		1				
		2				

Contd..2

6. A detailed report of the project shall be sent to the undersigned at the end of semester, not later than 10th May, 2019 without fail.

7. The proposal received after the last date will not be considered.

8. Further, the selected projects will be permitted for exhibition at VTU Head Office, Belagavi, which will be intimated in due course of time.

This is for information and needful.

By Order,
Sd/-
REGISTRAR

To,
The Principals of all Colleges

Copy FWCs to:

1. The Registrar (Evaluation), VTU Belagavi, for information and needful
2. The Finance Officer, VTU, Belagavi
3. The In-charge Regional Directors, (Bangalore, Belagavi Mysore Kalaburgi) with request to circulate the same
4. The Secretary to VC, VTU Belagavi, for information.
5. The Concerned Case-workers of Academic Section, VTU, Belagavi
6. CNC to Upload on VTU website


REGISTRAR

2/3/19

To,

Date: 22/03/2019

The Registrar,

Visvesvaraya Technological University

"Jnana Sangama", Belagavi

Karnataka, INDIA -590018

Dear Sir,

Subject: MITE-Moodbidri: Submission of Final year student projects for Financial Assistance 2018-2019 reg:-

Ref: Circular No: VTU/BGM/Aca-OS/Gen-Cirs/2018-19/10716, Dated 12 /03/2019

As per the subject cited above, University has invited project proposals from Final Year students of all the colleges affiliated to the university towards providing financial assistance. As per the circular, Maximum of two project proposals from each of Department have to be selected and sent to the university.

In this regard, to scrutinize and finalize the project batches for the VTU funding, Project reviews were held in the respective Departments of Aeronautical Engineering, Computer Science & Engineering, Civil Engineering, Electronics and Communication Engineering, Information science & Engineering, Mechanical Engineering and Mechatronics Engineering.

Head of the department and three Seniors from each departments were present in the Project review and provided their valuable inputs to the students.

Based on the Project reviews, two projects from each department have been selected for the Financial Assistance.

The List of the Project proposals forwarded for the Visvesvaraya Technological University Financial Assistance from our Institution is attached.

Thanking you,

Regards,



Principal,
Mangalore Institute of Technology & Engineering
Badaga Mijar, MOODBIDRI - 574 225



MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING
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Affiliated to V.T.U., Belgaum, Approved by AICTE, New Delhi

List of the Projects selected for VTU Financial Assistance

Sl No.	Branch		Title of the Project	Name/ Names of Student	Name of Guide
1	Electronics and Communication Engineering	1	SCHSA- System An IOT Based Home Stock reminder	1. Chethan 2. Subraya nayak 3. Shrikanth Gowda 4. Sumanth C Jain	Mr. H M Ramalingam
		2	Formic Acid as a Hydrogen Energy Carrier for Fuel Cell towards sustainable Energy	1. Prajwal 2. Rashni 3. Sachin S 4. Sonali	Mr. Padmaprasada
2	Computer Science & Engineering	1	Hand written Kannada Character Recognition using machine Learning	1. Pavithra Karantha 2. Shwetha Sherigar 3. Supreetha 4. Supriya C M	Mr. Ravinarayana B
		2	Segregation of Arecanuts Using Image Processing and Machine Learning	1. Dhavan Rao B V 2. Fathimathul 3. Zuweriya 4. KrishnaMoorthy K	Dr. Ganesh Aithal
3	Information Science & Engineering	1	Smart Telematics System	1. Amogh A Rao 2. Nisha Prasad 3. Ramyashree 4. Suchitra	Mr. Harshavardhan
		2	Block Chain Based Clinical Data Mangement	1. Achal R Poonja 2. Ashish S K 3. Jobin George 4. Shravan kini	Mr. Sagar R Pujar
4	Mechanical Engineering	1	Tender Coconut Quality Detector and Automatic Cutter Using Image Processing and Artificial Intelligence.	1. Abhinand K C 2. Akshay K 3. Jerrin James 4. Vaishakh S Nair	Mr.Bhanuprakash H S
		2	Multi-purpose Machine for Arecanut Farming	1.Kaushik K Shetty 2.Deekshith 3.Nikhil Johnson 4.Puneeth Kumar	Mr. Mohan Kumar

Principal

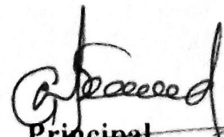
Mangalore Institute of Technology & Engineering

Badaga Mijar, Moodabidri- 574225, Mangalore Taluk, D.K. Dist., Karnataka, INDIA.
Tel: 08258-262695/96/97/98 Telfax: 08258-262699 Email: info@mite.ac.in Web: www.mite.ac.in



MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING
A unit of Rajalaxmi Education Trust @, Mangalore-1
Affiliated to V.T.U., Belgaum, Approved by AICTE, New Delhi

5	Aeronautical Engineering	1	Buckling Strength Evaluation of GFRP Laminaries with different Fibre Orientation	1. Mohammed Athiq 2. Tulasimani Kavita 3. Abdul Hameed Khan 4. Feroz	Mr. Praneeth H R
		2.	Real-Time Condition Monitoring of Mechanical Faults in Engine using IOT	1. Anoop K M 2. Varun K L 3. Megha D M 4. Rakshith Ramesh Karjol	Mr. Yathin K L
6	Civil Engineering	1	Experimental Investigation on Concrete Using Sea Sand and Coconut Shell Charcoal as Fine Aggregate	1. Yogeesh 2. Suhas B S 3. Ajay Kotian 4. Gowdrungaraj	Dr. Jayaprakash M C
		2	Experimental Investigation on slender Beam Application in Cost Effective Slab System	1. V L Sulakshith 2. Sanith Suvarna S 3. Vishanth D'Souza 4. Goutham B M	Mr. Umesh S S
7	Mechatronics Engineering	1	Design and Implementation of Two mode Hybrid electric Power transmission	1. Manjunath S 2. Prakyath Prabhakar 3. Sagar Rajagouda Patil 4. Mamatha C	Mr. Sharath D
		2	Design and Implementation of external airbag safety system for automobiles	1. Kiran Shetty 2. Neetha N 3. Preston Mendonca 4. Vinay S shetty	Mrs. Anuradha S


Principal

Mangalore Institute of Technology & Engineering
Badaga Mijar, MOODBIDRI - 574 225



Visvesvaraya Technological University

"Jnana Sangama", Belgaum - 590 018, Karnataka State

Dr. H.N. Jagannatha Reddy, BE,ME,Ph.D
REGISTRAR

Phone : (0831) 2405468

Fax : (0831) 2405467

Ref. No: VTU/Aca/2018-19/ 1884/19

Date: 4 JUN 2018

To ,
The Principal
Mangalore Institute of Tech&Engg

Sir/Madam,

Sub: Sanction of Financial Assistance to the selected projects of UG students of your Institution

Ref: VTU/Aca/2017-18/9702, dtd: 18th January 2018

With reference to the above subject, please find herewith a D.D Bearing No 636245, Dated 25-May-18 of Rs. 70,000 towards the sanction of Financial Assistance to the selected projects of UG students. You are requested to give the amount to the concerned students and obtain an acknowledgement for the same.

The students' receipt of acknowledgement should be sent to the undersigned on or before 15-6-2018.

Yours faithfully

REGISTRAR

Encl: as above



Students project



VISVESVARAYA TECHNOLOGICAL UNIVERSITY

ವಿಶ್ವವರಾಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

"Jnana Sangama", Belagavi - 590 018, Karnataka State, INDIA

Dr. H. N. Jagannatha Reddy, B.E., M.E., Ph.D.

Registrar

Ref No.: VTU/Aca/2017-18/ 1702

Phone : (0831) 2405468
Fax : (0831) 2405467
Email : registrar@vtu.ac.in
website : www.vtu.ac.in

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.

Registrar

To

All the Principal's
of VTU affiliated Colleges.

Copy for information to:

1. The Secretary to VC, VTU, Belagavi.
2. The Finance Officer, VTU, Belagavi.

For
Circulation
Gangadhar Reddy
18/1/18

To,

Date: 26/03/2018

The Registrar,

Visvesvaraya Technological University

"Jnana Sangama", Belagavi

Karnataka, INDIA -590018

Dear Sir,

Subject: MITE-Moodbidri: Submission of Final year student projects for Financial Assistance 2017-18 reg:-

Ref: Circular No: VTU/Aca/2017-18/9702, Dated 18/01/2018

As per the subject cited above, University has invited project proposals from Final Year students of all the colleges affiliated to the university towards providing financial assistance. As per the circular, Maximum of two project proposals from each of Department have to be selected and sent to the university.

In this regard, to scrutinize and finalize the project batches for the VTU funding, Project reviews were held in the respective Departments of Aeronautical Engineering, Computer Science & Engineering, Civil Engineering, Electronics and Communication Engineering, Information science & Engineering, Mechanical Engineering and Mechatronics Engineering.

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Thanking you,

Regards,



Principal

Mangalore Institute of Technology & Engineering
Badaga Mijar, MOODABIDRI - 574 225



List of the Projects selected for VTU Financial Assistance

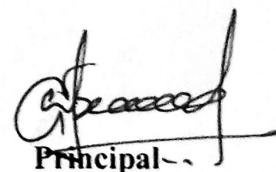
Sl No.	Branch		Title of the Project	Name/ Names of Student	Name of Guide
1	Aeronautical Engineering	1	Condition Monitoring of Rotating Blades using Fast Fourier Transforms and Wavelet Transform Analysis	1. Dinakar 2. Mahammadyunus A B 3. Syed Yaseen Nihal	Mr. Yathin K L
		2	Renewable Energy Autonomous Drone for Agro Based Applications	1. Keerthi K S 2. Prathika P Shetty 3. Priyanka M 4. Rohit Bambule	Mr. Manas Jain
2	Civil Engineering	1	Use of Egg shells and Sea Shells for the removal of Heavy Metals from Waste Water	1. Trupthi T 2. Rakshitha T 3. Abdu Samadh 4. Nahiz Abdul Latiff	Dr. Jayaprakash M C
		2	Experimental Studies on the use of Waste Plastic Materials for Road Constructions.	1. Nithin Shenoy 2. Karthik 3. Mayesh S 4. Ashwatham Shetty	Mr. Shreyas K S
3	Computer Science & Engineering	1	WSN Framework based study of salinity stress on plant growth for building plant disease prediction model using a statistical analysis	1. Pooja P Nayak 2. Sonal Nisha DMello 3. Soujanya Shetty J 4. Shrinidhi	Mr. Sunil Kumar S
		2	Li-Fi Based Automated Information	1. Prajwal Samuel Machado 2. Rachana V R 3. Sahana Thanthri 4. Sushma T S	Mr. Guruprasad
4	Electronics and Communication Engineering	1	Elderly Care	1. Sinchana Shetty 2. Sushmitha 3. Swapna	Mr. Ganesh V N
		2	E@Li-Fi	1. Pradhyumna Sampigettaya 2. Sudarshan 3. Varun k 4. Nagaprasad Habbu	Mr. Ramalingam

Principal



MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING
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Affiliated to V.T.U., Belgaum, Approved by AICTE, New Delhi

5	Information Science & Engineering	1	Smart Head gear	1. Abhishek K Kotian 2. Deeksha Martina Lasrado 3. Peter John Jose 4. Prateeksha K	Mr. Sagar Ramesh Pujar
		2	Microcontroller based CPR Assist tool using Android	1. Fathana Nousheen 2. L Geetha 3. Laxmi Devarajan 4. Sheetal Kumar Shetty	Mr. Ramananda Mallya
6	Mechanical Engineering	1	Investigation of Pretreatment of Accelerated bio-Methanation of Domestic Organic Waste.	1. Rolson Rebello 2. Roshan Chethan Habbu 3. Chethan Korde 4. R Ganesh Kumar	Mr. Vijaykumar Methi
		2	Performance Evaluation of CI Engine using Graphene and Aluminium Oxide Nano Particles Blended Dairy Waste Scum Bio Diesel and Effect of Injection Pressure Hole Diameter of Nozzle.	1. Mohammed Safwan 2. Nelson Rodrigues 3. Preston Cyril Quadras 4. Pavan	Dr. Vignesh Nayak
7	Mechatronics Engineering	1	Automated Agrimotive	1. Ramesh K M 2. Naresh K R 3. Shohebakh Khan	Mr. Sathyanarayana
		2	Rice Roti Maker	1. Subhas M S 2. Akshay P D 3. Dithesh Kumar 3. Gagandeep K	Mr. Sathyanarayana


 Principal

Principal
 Mangalore Institute of Technology & Engineering
 Badaga Mijar, MOODBIDRI - 574 225



Sunil Kumar <sunil@mite.ac.in>

McAfee Student Developer Program

Karkala, Sudarshana <Sudarshana_Karkala@mcafee.com>

Tue, Dec 4, 2018 at 7:54 AM

To: "Karkala, Sudarshana" <Sudarshana_Karkala@mcafee.com>

Sir,

This is Sudarshana Karkala from McAfee's Student Developer Program.

- Please nominate student's project (Computer Science/Information Technology) for project competition.
- Also, Nominate women student for financial support.
 - Financial support for women students to encourage women in Engineering & Technology.
 - Max 10K per student/team.
 - McAfee team will evaluate and finalize student list.
 - Eligible students have to submit tuition fees, mark-sheets, Project reports/demo.

Regards,

Sudarshana Karkala

Manager, Software Engineering

Mobile: +91 9845561518





Sunil Kumar <sunil@mite.ac.in>

Student Developer Program by McAfee through SVYM

Lakshmi Menon VSP <lakshmimenon@svym.org.in>
To: hodcse@mite.ac.in, sunil@mite.ac.in

Mon, Feb 18, 2019 at 1 09 PM

Dear Sir,

Greetings from Swami Vivekananda Youth Movement!

As you are aware that financial support of an amount of 20,000/- was paid in the month of January 2019 to your Institution to encourage women students in Engineering & Technology and for student's projects by McAfee through Swami Vivekananda Youth Movement, I'm writing this mail as a follow up of the activities being conducted using this fund.

I'm the Program Coordinator from SVYM for the Viveka Scholar Program(VSP) and would like to receive a detailed report from your end regarding how these funds were utilized, so that the same could be replicated and shared with McAfee.

Kindly contact me if any further information may be required. Thank you!

Regards,
Lakshmi
Coordinator - VSP Higher education
Contact- 9731848586



Swami Vivekananda Youth Movement
Developing Human & Social Capital to build a resurgent India
www.svym.org

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