

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

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

42nd Series of Student Project Programme: 2018-19

List of Projects Sanctioned Under Stream A - Further Development

16. MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOOBBIDRI

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	DEGREE	NAME OF THE GUIDE	NAME OF THE TEAM LEADER	TOTAL (in Rs.)
1.	42S_BE_2955	MULTIPURPOSE MACHINE FOR ARECANUT FARMING	MECHANICAL ENGINEERING	BE	Mr. MOHAN KUMAR	Mr. DEEKSHITH	9000.00
2.	42S_BE_2968	SMART HELMET AND ACCIDENT DETECTION SYSTEM FOR RIDER SAFETY	ELECTRONICS AND COMMUNICATION ENGINEERING	BE	Mr. ASHOK K N	Mr. VIGNESHNAIK K	8000.00

Note:

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2. The evaluation of above projects will be conducted in the Nodal Centre in the month of May / June 2019. During nodal centre evaluation projects will be selected for state level Seminar & Exhibition which will be conducted during July / August 2019.
3. After completion of the projects, the hard copy of the report and soft in .pdf format needs to be sent to KSCST without fail.

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42nd Series of Student Project Programme: 2018-19

List of Projects Sanctioned Under Stream C

71. MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOOBBIDRI

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	DEGREE	NAME OF THE GUIDE	NAME OF THE TEAM LEADER	TOTAL (in Rs.)
1.	42S_BE_0503	LOW COST IOT BASED PLANT PHENOTYPING SYSTEM	COMPUTER SCIENCE AND ENGINEERING	BE	Prof. SUNIL KUMAR	Mr. RAVI MOOLYA	6000.00
2.	42S_BE_0511	PROGRESS OF SALT WATER INTRUSION WITH VARYING CLIMATIC CONDITIONS AND GROUNDWATER TABLE IN THE COASTAL BELT OF MANGALURU	CIVIL ENGINEERING	BE	Mr. SHASHIKUMAR S. B.	Mr. NISHAN T	4000.00
3.	42S_BE_0523	STUDY OF TENSILE,IMPACT AND VIBRATIONAL CHARACTERISTICS OF HYBRID POLYMER MATRIX COMPOSITES.	AERONAUTICAL ENGINEERING	BE	Prof. AJITH KUMAR	Mr. MANJUNATH REDDY Y S	6500.00
4.	42S_BE_0526	WIRELESS CHARGING SYSTEM FOR ELECTRIC VEHICLES	ELECTRONICS AND COMMUNICATION ENGINEERING	BE	Prof. SATHISHA SHETTY	Ms. DARREL REESHA PINTO	6000.00
5.	42S_BE_0532	POWER GENERATION FROM THE WASTED ENERGY OF MOVING VEHICLE USING SPEED BREAKER	ELECTRONICS AND COMMUNICATION ENGINEERING	BE	Prof. RISHMA MARY GEORGE	Ms. ANUSHA	4000.00
6.	42S_BE_0533	EARLY DETECTION OF PEST IN AGRICULTURE USING IMAGE PROCESSING	ELECTRONICS AND COMMUNICATION ENGINEERING	BE	Mr. SRIKRISHNA SHASTRI	Ms. ARPITHA	5500.00
7.	42S_BE_0541	PRODUCTION OF INK AND PAINT PRODUCTS FROM INTERNAL COMBUSTION ENGINE EXHAUST SOOT	MECHATRONICS	BE	Mrs. RUMANA ALI	Mr. MOHAMMAD ARZOO	7500.00
8.	42S_BE_0543	DESIGN AND IMPLEMENTATION OF HYBRID ELECTRIC TRANSMISSION SYSTEM	MECHATRONICS	BE	Mr. SHARATH D	Mr. MANJUNATH S	9000.00
9.	42S_BE_0547	DESIGN AND FABRICATION OF REMOTE CONTROLLED VEHICLE WASHER	MECHATRONICS	BE	Mr. KIRAN KUMAR M.V	Mr. ABDUL KHADER A K	6500.00

10.	42S_BE_0551	TENDER COCONUT QUALITY DETECTOR AND AUTOMATIC CUTTER USING IMAGE PROCESSING AND ARTIFICIAL INTELLIGENCE	MECHANICAL ENGINEERING	BE	Mr. BHANUPRAKASH H S	Mr. JERRIN JAMES	5000.00
11.	42S_BE_0554	DESIGN AND DEVELOPMENT OF FUELLESS WATER PUMP	MECHANICAL ENGINEERING	BE	Mr. GANESH RAJ URS	Mr. MAYUR B M	7000.00
12.	42S_BE_0556	DESIGN AND DEVELOPMENT OF AGRICOPTER DRONE	MECHANICAL ENGINEERING	BE	Mr. RUEBEN	Mr. BHARGAVA K	6500.00
13.	42S_BE_0557	MULTIPURPOSE WATER AND FERTILIZER SPRAYER PLATING MACHINE	MECHANICAL ENGINEERING	BE	Mr. RAHUL S	Mr. RAKESH	7000.00
14.	42S_BE_0563	FULLY AUTOMATED SOLAR GRASS CUTTER	MECHANICAL ENGINEERING	BE	Mr. SHREEDHAR	Mr. KEERTHAN	7000.00
15.	42S_BE_0564	DESIGN AND FABRICATION OF OIL SKIMMER	MECHANICAL ENGINEERING	BE	Prof. T.K CHANDRASHEKAR	Mr. SHETTY SANDESH ANAND USHA	7000.00
16.	42S_BE_0565	AUTOMATED SEED SOWING MACHINE WITH WATER AND FERTILIZER SPRAYER	MECHANICAL ENGINEERING	BE	Mr. SRIDHAR D.R	Mr. SHETTY PRANEET HARISH	6000.00
17.	42S_BE_2178	AUTOMATIC AUTOMOTIVE GEAR PREDICTION SYSTEM	ELECTRONICS AND COMMUNICATION ENGINEERING	BE	Prof. TARANATH H B	Mr. SAMPATH T C V	7000.00
18.	42S_BE_2970	FABRICATION OF HYBRID COMPOSITE BY NATURAL FIBER AND EVALUATION OF ITS MECHANICAL PROPERTIES	AERONAUTICAL ENGINEERING	BE	Mrs. SAHANA D S	Ms. RATHAN NAYAK K	5000.00
19.	42S_BE_2971	EXPERIMENTAL STUDIES ON LATERITIC SOIL STABILIZED WITH WASTE ENGINE OIL AND LIME	CIVIL ENGINEERING	BE	Dr. JAYAPRAKASH M C	Ms. SHASHWATHI S SHETTY	3000.00

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42nd Series of Student Project Programme: 2018-19

List of Projects Sanctioned Under Stream B - Innovative Projects

10. MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOOBBIDRI

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	DEGREE	NAME OF THE GUIDE	NAME OF THE TEAM LEADER	TOTAL (in Rs.)
1.	42S_BE_0517	DESIGN OF AUTONOMOUS UNMANNED AERIAL VEHICLE WITH SELF OBSTACLE DETECTION AND COLLISION AVOIDANCE	AERONAUTICAL ENGINEERING	BE	Prof. YATHIN K L	Mr. NAVEEN S YANKANCHI	8000.00

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2. The evaluation of above projects will be conducted in the Nodal Centre in the month of May / June 2019. During nodal centre evaluation projects will be selected for state level Seminar & Exhibition which will be conducted during July / August 2019.
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LIST OF BIOFUEL PROJECTS SANCTIONED UNDER 42nd SERIES OF STUDENT PROJECT PROGRAMME: 2018-2019

Sanctioned Under Stream B – Innovative Projects

7. MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOOBBIDRI

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	DEGREE	NAME OF THE GUIDE	NAME OF THE TEAM LEADER	TOTAL (in Rs.)
1.	42S_B_BE_036	EXTRACTION OF BIODIESEL FROM MICRO ALGAE	AERONAUTICAL ENGINEERING	BE	Prof. YATHIN K L	Ms. SIMRIN TAMBOLI	6500.00
2.	42S_B_BE_038	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	MECHANICAL ENGINEERING	BE	Mr. BHANUPRAKASH HS	Mr. NITHIN	6000.00
3.	42S_B_BE_040	EXTRACTION OF BIO-DIESEL FROM WASTE FISH OIL WAX	MECHANICAL ENGINEERING	BE	Prof. M LOKESHA	Mr. RAJAT RAVINDRA PATANKAR	8000.00

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Sanctioned Under Stream B – Innovative Projects

30. MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MANGALURU

SI. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	DEGREE	NAME OF THE GUIDE	NAME OF THE TEAM LEADER	TOTAL (in Rs.)
1.	42S_B_MBA_004	BIOGAS AND ORGANIC VEGETABLES - FINANCIALLY FEASIBLE AGRI BUSINESS PROJECT WITH SPECIAL REFERANCE TO DEDS SCHEME OF NABARD	MASTER OF BUSSINESS ADMINSTRATION	MBA	Prof. K ABHAYA KUMAR	Mr. RAKSHIT	5000.00
2.	42S_B_MBA_005	BIOFUEL FROM PALM SEEDS - A FEASSIBILITY STUDY WITH REFERENCE TO DAKSHINA KANNADA DISTRICT	MASTER OF BUSSINESS ADMINSTRATION	MBA	Prof. AJITH DMELLO	Mr. PRAJNESH	7000.00

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LIST OF BIOFUEL PROJECTS SANCTIONED UNDER 42ndSERIES OF STUDENT PROJECT PROGRAMME: 2018-2019

Sanctioned Under Stream C

17. MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOOBBIDRI

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	DEGREE	NAME OF THE GUIDE	NAME OF THE TEAM LEADER	TOTAL (in Rs.)
1.	42S_B_BE_041	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	MECHANICAL ENGINEERING	BE	Prof. VIJAYKUMAR METI	Mr. BRADLEY MATHIAS	9500.00