



## B.M.S. College of Engineering, Bengaluru

**Project approved by KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY under Student Project Programme (SPP)**

SNo	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	DEGREE	NAME OF THE GUIDE(S)	NAME OF THE STUDENTS	YEAR	Amount (Rs.)
1	43S_BE_1846	ISOLATION OF LIGNIN DEGRADING MICROBES: PROCESS OPTIMIZATION AND THEIR COIR FIBRE APPLICATIONS STREAM	BIOTECHNOLOGY	B.E.	Dr. CHANDRAPRASAD	Ms. PRAJNA M UDUPA Ms. HINA VALIDA MATHIAS Ms. MOHITHA VI Ms. NAMITA MANAE	2019-20	6000
2	43S_BE_2291	INDIGENOUS SMART DRESSING AND HEALTH MONITORING KIT FOR DEMENTIA	ELECTRONICS AND INSTRUMENTATION ENGINEERING	B.E.	Dr.VEENA N HEGDE	Mr.PRANAV M, Ms. RACHANA S RAJU Ms.ANUPRIYA PERIIVAL	2019-20	6000
3	43S_BE_4207	INCREASING THE ABSORPTION EFFICIENCY OF SOLAR COLLECTORS WITH INCORPORATION OF NANO-COATINGS	MECHANICAL ENGINEERING	B.E.	Dr. R SURESH KUMAR M	Mr. SHIVAM KUMAR DHINGRA Mr. SHIVARANJAN H R Mr. SHIVASHARANAPPA B KUMBAR Mr. TEJUS G R	2019-20	5000
4	43S_MTECH_071	SECURE SHARING OF HEALTH DATA USING HYPERLEDGER FABRIC BASED ON BLOCKCHAIN TECHNOLOGY	COMPUTER NETWORK ENGINEERING M	M.TECH	Dr. M DAKSHAYINI Mr. NAVEEN KUMAR S Mr. RAGHAVENDRA BIRADAR Mr. RAJASHEKARAGOUDA G S 4500.00	Dr. M DAKSHAYINI Mr. NAVEEN KUMAR S Mr. RAGHAVENDRA BIRADAR Mr. RAJASHEKARAGOUDA G S 4500.00	2019-20	4500
5	42S_BE_3129	PILOT STUDY ON FIELD APPLICATION OF BACTERIAL CONCRETE	CIVIL ENGINEERING	B.E	Dr. S. GIRISH	Mr. B. SUMAN SHATANAND	2018-19	8500
6	42S_BE_3170	DEVELOPMENT OF SELF SENSING CONCRETE FOR STRUCTURAL HEALTH MONITORING	CIVIL ENGINEERING	B.E	Dr. S. GIRISH	Mr. PRANAV P SHETTIGAR	2018-19	8500
7	41S_BE_0545	DESIGN AND DEVELOPMENT OF PRE-HOSPITAL TRANSPORT EQUIPMENT	MECHANICAL ENGINEERING	B.E	Prof. KIRAN KUMAR K U	Mr. RUTHWICKKIRAN M R	2017-18	6000
8	41S_BE_0606	COMPARISON OF ELICITORS ON PRODUCTION OF INDOLE ALKALOIDS FROM CATHARANTHUS ROSEUS	BIOTECHNOLOGY	B.E	Prof. HADAGALI ASHOKA	Ms. NANDINI B S	2017-18	6500
9	41S_BE_0720	OZONE ASSISTED PHOTOCATALYTIC DEGRADATION OF GREY WATER	CHEMICAL ENGINEERING	B.E	Dr. G.KEERTHIGA	Ms. HARSHA RAO	2017-18	6000
10	39S_B_MTECH_015	VALIDATION OF CST DESIGN 3-STAGE CONTINUOUS BIOREACTOR FOR SEWAGE FED LAKE RESTORATION ALONG WITH ALGAL BIOMASS RECOVERY FOR BIOFUEL PRODUCTION	ENVIRONMENTAL ENGINEERING	MTech	DR.CHANAKYA H N DR. SAMPTH KUMAR M C	MS.AFREEN AMAN	2016-17	14000
11	40S_BE_1428	APPLICATION OF NANO TECHNOLOGY PRINCIPLES FOR BREWERY WASTE MANAGEMENT	CIVIL ENGINEERING	B.E	SAMPATH KUMAR M C	MR. AKASH D TALAMPALLY	2016-17	5000
12	40S_BE_2274	DEVELOPMENT OF INNOVATIVE GREEN SCC WITH COMPLETE REPLACEMENT OF INGREDIENTS	CIVIL ENGINEERING	B.E	DR. S GIRISH	MS. ISHANI NIMBARGI	2016-17	8000
13	40S_R_MTECH_008	BIOREMEDIATION OF HEAVY METAL CONTAMINATED SOIL USING INDIGENOUS BACTERIA AND ORGANIC AMENDMENTS	CIVIL ENGINEERING	M.TECH	MRS. PRATHIMA.B MRS. SAVITHRI BHAT	MS. NETHRAVATHI R	2016-17	7000
14	40S_BE_1455	PULSED ELECTRIC POWER BASED ENGINE EXHAUST CLEANING.	ELECTRICAL AND ELECTRONICS ENGINEERING	B.E	PROF. D RAMESH KUMAR	MS. DEEKSHA H C	2016-17	6000
15	39_SBE_1657	LOW POWER PORTABLE SOLAR ECG SYSTEM FOR RURAL HEALTHCARE	MEDICAL ELECTRONICS ENGINEERING	MTech	DR.JOSHI	MS. RASHMI K	2015-16	4000
16	39_SBE_1657	STUDIES ON THE STRENGTH AND ELASTIC BEHAVIOUR OF CONCRETE IN-FILLED STEEL TUBULAR SECTIONS	CIVIL ENGINEERING	B.E	DR.RAGHUNATH S	MR.B.N.POOJITH	2015-16	6000
17	39S_R_MTECH_021	DESIGN AND DEVELOPMENT OF A SYSTEM FOR ANAMIA DETECTION USING PHOTO PLETHSMOGRAPHY	MEDICAL ELECTRONICS ENGINEERING	M.E	DR.JOSHI MANISHA S	MRS.PADMAJA R KUDVA	2015-16	5000
18	39S_R_MTECH_003	BIOREMEDIATION OF HEAVY METAL CONTAMINATED SOIL USING COMPOST (ORGANIC AMENDMENTS)	CIVIL ENGINEERING	B.E	MRS.PRATHIMA B DR. SAVITHRI BHAT	MS.KHUSHBU K BIRAWAT	2015-16	7000

19	39S_R_MTECH_013	MYCOREMEDIATION OF SOIL-BENEFITS AND A COMPARATIVE ANALYSIS	CHEMICAL ENGINEERING	MTech	MRS.SHEETAL SINGH DR.G.KEERTHIGA	MS YOGASHREE BHARATH	2015-16	5000
20	39S_R_MTECH_014	FILTRATION AND PURIFICATION OF WATER CONTAMINANTS SUCH AS HEACY MATALS AND DYES USING AGRICULTURE BASED BY PRODUCTS FOR BIOSORPTION A COMPREHENSIVE STUDY	CHEMICAL ENGINEERING	MTech	MRS.SHEETAL SINGH DR.SAMITH MAITRA	MR RAKSHIT P	2015-16	4000
21	38S0169	EFFECT OF VARIOUS TREATMENT METHODS ON RECYCLED COARSE AGGREGATES AND ITS ROLE IN RECYCLED AGGREGATE CONCRETE	CIVIL ENGINEERING	B.E	DR. MANGALA KESHAHA	MR. VIKAS PRABHAKAR ATTIGERI	2014-15	8000
22	38S0175	LIMNOLOGICAL STUDY OF LAKES AND EVALUATION OF WATER QUALITY INDEX	CIVIL ENGINEERING	B.E	DR. M C SAMPATH KUMAR	MR. VIVEK BAFNA	2014-15	4500
23	38S0174	MANUFACTURE OF GREEN SCC- A STEP TOWARDS DEVELOPMENT OF SUSTAINABLE CONCRETE USING SLAG AS A FILLER AND FINE AGGREGATE	CIVIL ENGINEERING	B.E	DR. S GIRISH	MR. P S KARTHIK	2014-15	8000
24	38S0180	PERFORMANCE OF SCC MADE WITH PARTIAL REPLACEMENT OF CEMENT BY POWERED EGG SHELLS AND STEEL SLAG AS FINE AGGREGATE	CIVIL ENGINEERING	B.E	DR. S GIRISH	MS. NAGARAJ K M	2014-15	5000
25	38S0171	STUDY OF BEHAVIOUR OF BLOCK MASONRY WITH ALTERNATIVE MATERIALS AS FINE AGGREGATES IN MORTAR	CIVIL ENGINEERING	B.E	DR. MANGALA KESHAHA	MR. PAVAN J	2014-15	8000
26	38S0170	INTELLIGENT AMBULANCE SYSTEM	INSTRUMENTATI ON TECHNOLOGY	B.E	DR. MAMATHA M N	MS. SHIVALEELA M S	2014-15	6000
27	38S0178	STUDY OF INSTRUMENTATION & PULSE SIGNAL ANALYSIS FOR NADI PARIKSHA	MEDICAL ELECTRONICS ENGINEERING	B.E	PROF. JOSHI MANISHA SHIVARAM, & DR. SHRIDHAR	MS. ROOPINI N	2014-15	5000
28	38S0179	THERMAL SENSITIVITY MAPPING OF DIABETIC FOOT	MEDICAL ELECTRONICS	B.E	K VIJAYALAKSHMI	MS. RANJIT HEGDE	2014-15	6000