

## KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012  
Website: www.kscst.org.in || Email: spp@kscst.org.in || Tel: 080-2334 1652,2334 8848/49/40

### 45<sup>th</sup> series of Student Project Programme (SPP): 2021-22

#### List of Student Project Proposals Approved for Sponsorship

#### 25. BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANAGERE

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SANCTIONED AMOUNT (IN RS.)
162.	45S_BE_2817	DEVELOPMENT OF ADULT DIAPERS AND BANDAGES USING NATURAL FIBRES	B.E.	BIOTECHNOLOGY	Dr. MANJUNATH N S Dr. MANJUNATH NS	Mr. RAGHAVENDRA R B Mr. NUTHAN A M Mr. BASAVARAJ RAJENDRA PATIL Mr. OJAS M BHARGAV	10,000.00
163.	45S_BE_4577	DESIGN AND DEVELOPMENT OF EFFICIENT ROTATORY DRUM COMPOST-TECHNOLOGY WITH EARLY ONSET OF THERMOPHILIC PHASE USING COLLEGE HOSTEL KITCHEN WASTE	B.E.	BIOTECHNOLOGY	Dr. VEENA KUMARA ADI	Ms. JYOTHSNA B Ms. GOWRISHREE UMESH M Ms. ARPITHA B N Ms. SINCHANA V	8,000.00
164.	45S_BE_0050	DECOLOURIZATION AND COD REDUCTION OF TEXTILE WASTE WATER BY ADVANCED OXIDATION PROCESS(AOP)	B.E.	CHEMICAL ENGINEERING	Mr. SRINIDHI R KULKARNI Mr. AMARNATH P C	Ms. LAXMISHEN S Mr. AKKATANGERHAL Ms. AIKYA RAI M Mr. PRAVEEN D BADIGER	10,000.00
165.	45S_BE_0193	A STUDY ON DEVELOPMENT OF CHEMICAL/BLEND FOR REMOVAL OF LEAD SULFATE ON PLATES OF LEAD ACID BATTERIES SO AS TO INCREASE THEIR SERVICE LIFE.	B.E.	CHEMICAL ENGINEERING	Dr. G P DESAI Mr. B C RAMESH	Mr. KARAN V Ms. ASHA G L Mr. VEERAJ S B	10,000.00
166.	45S_BE_2025	DEVELOPMENT OF ALKALI ACTIVATED SLAG BASED RECYCLED AGGREGATE PERVIOUS CONCRETE	B.E.	CIVIL ENGINEERING	Dr. BASAVANA GOWDA S N	Ms. MONIKA M Mr. NANDISHA H A Ms. NANDITHA N ANGADI Mr. NAGARAJ G M	7,000.00
167.	45S_BE_1265	COTTON LEAF DISEASE DETECTION USING DEEP LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. NAVEEN H M	Ms. SAHANA D V Ms. SWATHI C S Ms. SWATHI P Ms. YASHASWINI S N	6,000.00
168.	45S_BE_2382	LO-RAN BASED FRAMEWORK FOR SMART GREENHOUSE MONITORING SYSTEMS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. VAISHNAVI AJAY INAMDAR Dr. ROOPA.G.M	Ms. YAMINI NIHARIKA P Mr. THOTA VEDASREE Ms. SHREYA B B Ms. YASHASWINI U S	5,000.00
169.	45S_BE_2804	DETECTION OF CONCEPT DRIFT IN TELECOMMUNICATION STREAM DATA	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. ABDUL RAZAK M S	Ms. FAREENA S Ms. ANUSHA R V Ms. CHANDUMANI S Ms. ZAIBA MUSKAN	4,000.00
170.	45S_BE_3063	DEEP LEARNING ALGORITHM FOR ANALYSIS AND PREDICTION OF CARDIOVASCULAR DISEASE: A CASE STUDY OF CARDIOVASCULAR DISEASE AFTER COVID-19	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. ARJUN H Dr. PRADEEP N	Ms. SWETHA M Mr. SRUJAN H J Ms. TEJASWINI T P Ms. AKSHATHA S P	4,000.00
171.	45S_BE_3259	ANALYSIS AND IDENTIFICATION OF GASTROINTESTINAL DISEASE DETECTION USING DEEP LEARNING APPROACHES: STUDY OF COVID-19 ON GASTROINTESTINAL DISEASE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. ARJUN H Dr. PRADEEP N	Ms. SOUNDARYA RAMESH RAYKAR Ms. ANUSHA G E Ms. ANUSHA H S Ms. RESHMABANU M BADIGER	3,000.00

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## 44<sup>th</sup> Series of Student Project Programme: 2020-21

List of Student Project Proposals Approved for Sponsorship

### 27. BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANAGERE

Sl. No.	PROJECT REFERENCE No.	PROJECT TITLE	BRANCH	COURSE	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SANCTIONED AMOUNT (IN Rs.)
161.	44S_BE_1612	SYNTHESIS OF LIQUID FERTILIZER FOR AGRICULTURE USING COLD PLASMA TECHNOLOGY.	MECHANICAL ENGINEERING	B.E.	Mr. ANAND K J Dr. SHARAN A S	Mr. ASHISH V DANDIN Mr. ABHISHEK R P Mr. ALOK K S Ms. MANJULA S E	9000.00
162.	44S_BE_1613	DESIGN AND DEVELOPMENT OF HIGH PERFORMANCE GRAPHENE BASED SUPER CAPACITOR AND SENSORS BY LASER INDUCED PROCESS	MECHANICAL ENGINEERING	B.E.	Dr. K SADASHIVAPPA Dr. SHARAN A S	Mr. SHREYAS J K Mr. SHARATH B K Mr. SANTHOSH K S	9000.00
163.	44S_BE_1619	NANO COATING WITH CU-TIO2 COMPOSITE ON MILD STEEL SUBSTRATE BY ELECTROPLATING TECHNIQUE FOR THE IMPROVEMENT OF MECHANICAL PROPERTIES.	MECHANICAL ENGINEERING	B.E.	Dr. THIPPESWAMY EKBOTE Mrs. SUSHMA A PATIL	Mr. KISHAN SOLANKI Ms. K M RUDRAMUNI SWAMY Mr. SANGAMESHWARA T S Mr. SHIVARAJ B N	8000.00
164.	44S_BE_1640	A STUDY ON DESIGN OF PORTABLE WATER DISTRIBUTION NETWORK FOR CHANDRENAHALLI VILLAGE, DAVANGERE DISTRICT, KARNATAKA	CIVIL ENGINEERING	B.E.	Mr. VAGISH M	Mr. VIGNESH M Mr. MALLIKARJUN G HUGAR Ms. NISHA V SHET Mr. MANJUNATHA K C	3500.00
165.	44S_BE_1644	EXPERIMENTAL INVESTIGATION ON GLASS FIBER REINFORCED CONCRETE BY PARTIALLY REPLACING FOUNDRY DUST AS FINE AGGREGATE	CIVIL ENGINEERING	B.E.	Mr. CHETAN T G	Mr. CHETHAN N G Ms. DIVYA H Mr. SAI PRATHEEK K S Mr. H VIJAY KUMAR	5000.00
166.	44S_BE_1646	MECHANICAL AND DURABILITY CHARACTERISTICS OF ECO-FRIENDLY FLY ASH BRICKS – AN EXPERIMENTAL STUDY	CIVIL ENGINEERING	B.E.	Dr. CHIDANANDA G	Mr. RAKESH A C Mr. SHREENIDHI S V Ms. MONICA R S Mr. SHRIKANTH GOWDA PATIL	5500.00
167.	44S_BE_1647	WEB BASED IMAGE PROCESSING FOR IDENTIFICATION OF BACTERIAL BLIGHT OF POMEGRANATE AND ITS CONTROL BY NATURAL ANTIMICROBIAL AGENTS- A FARMER AND ECO-FRIENDLY MODEL.	BIOTECHNOLOGY	B.E.	Dr. MANUNATH N S Prof. SHEIK IMRAN	Ms. GAHANA BELLUDI Ms. CHAITRA H D Ms. HARSHITHA S P Ms. SAHANA GOWDAR	6000.00
168.	44S_BE_1649	STUDY ON LEAFY VEGETABLE'S GROWTH USING AUXIN PRODUCED BY RHIZOBIUM PHASEOLI UNDER SALT STRESS CONDITIONS	BIOTECHNOLOGY	B.E.	Prof. VASUDEVA NAYAKA K B L	Ms. MEGHANA V S Ms. A C SHUBHANKA Ms. POOJA B S Ms. KSHEERA J J	7000.00