

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

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44th Series of Student Project Programme: 2020-21

List of Student Project Proposals Approved for Sponsorship

27. BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANAGERE

SI. 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-TIO ₂ 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

169.	44S_BE_1657	MONITORING OF BORDER INCRUSIONS FOR NATIONAL SECURITY	ELECTRONICS AND INSTRUMENTATION ENGINEERING	B.E.	Mr. MANJUNATH KG	Mr. BHARAT BELAGAVI Ms. PRIYADARSHINI B Mr. BHARGAVA BP Ms. KUSHALARA S	5500.00
170.	44S_BE_1658	DEVELOPMENT OF PORTABLE NON INVASIVE VENTILATOR	ELECTRONICS AND INSTRUMENTATION ENGINEERING	B.E.	Ms. VISYA S Ms. RAMYA ANNIGERE	Mr. MOHAMMED YUNUS M Ms. BIBI AYESHA M D Ms. SUNEETHA M M	5500.00
171.	44S_BE_1660	HUMAN ACTION RECOGNITION & TRACKING	INFORMATION SCIENCE AND ENGINEERING	B.E.	Ms. REKHA BH Ms. SUSHMA C	Mr. DHEERAJ KUMAR Ms. NEETHU.HO Mr. RADHE SHANKAR Ms. AMBREEN SADAF MI	4000.00
172.	44S_BE_1666	ROBOTIC BASED COVID 19 PATIENT'S DATA ACQUISITION SYSTEM	INFORMATION SCIENCE AND ENGINEERING	B.E.	Mrs. RANJANA B JADEKAR Ms. ROOPA D E	Ms. SHRILAXMI DIVAKAR BHAT Ms. DHANUSHREE G Y Ms. YASHIKA PARVEEN K Ms. MANDARA B C	3500.00
173.	44S_BE_1670	IOT BASED SMART EQUIPMENT FOR SAFETY	ELECTRICAL AND ELECTRONICS ENGINEERING	B.E.	Dr. M S NAGARAJ	Mr. S M P MAHIR KHADRI Ms. CHANDANA A P Ms. PALLAVI M SHET Mr. PRAMODH C S	5000.00
174.	44S_BE_1672	SMART WASTE MANAGEMENT SYSTEM USING IOT	ELECTRICAL AND ELECTRONICS ENGINEERING	B.E.	Prof. KARIBASAVARAJU T S	Ms. ANUSHA.B Ms. LEKHANA G P Ms. B KAVYA Ms. KIRANASHREE M S	5000.00
175.	44S_BE_1680	MOTION BASED MESSAGE CONVEYER AND PRESCRIPTION REMINDER FOR PARALYTIC PATIENTS	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E.	Dr. JAYADEVAPPA B M	Ms. VANITHA J Ms. SWATHI K R Mr. RAHUL A HAVERI Mr. SUJAY K R	7000.00
176.	44S_BE_1682	AUTOMATIC ANESTHESIA USING HEART BEAT SENSOR	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E.	Mr. RANJITH PATIL N	Ms. IMPU D M Mr. ABHISHEK A Ms. SRUSTI M S Ms. CHANDANA H N	7000.00
177.	44S_BE_1689	MACHINE LEARNING APPROACH TO PREDICT ALZHEIMER'S DISEASE BASED ON MMSE METRICS	COMPUTER SCIENCE AND ENGINEERING	B.E.	Prof. S B MALLIKARJUNA	Ms. BINDU RAVISHANKAR Ms. ANU BAI B Ms. RAMYASHREE G T Mr. PUJAR NAVEEN KUMAR	4000.00
178.	44S_BE_1691	SMART SUPERVISION SYSTEM FOR COVID PREVENTION AND CONTROL	COMPUTER SCIENCE AND ENGINEERING	B.E.	Dr. NIRMALA C R	Ms. CHANDANA LAXMI H Mr. KARTHIK G M Ms. MANASA S Ms. SHEETAL P	6000.00
179.	44S_BE_1692	MISSING PERSON DETECTION USING AI	COMPUTER SCIENCE AND ENGINEERING	B.E.	Mr. ARUN KUMAR G H	Mr. BASAVARAJ L P Mr. VIJAYKUMAR D DAMODAR Mr. SURENDRA K V Mr. MANOHAR R	3500.00
180.	44S_BE_1697	IOT BASED AUTOMATED DRIP IRRIGATION SYSTEM	COMPUTER SCIENCE AND ENGINEERING	B.E.	Prof. ANU C S	Mr. ROHAN MAGANAHALLI Ms. SUNAYA MUDEGOUDRU Ms. DEEPTI G S Mr. KANNAIYA KUMAR	6000.00

181.	44S_BE_1701	DETECTION OF ROAD ACCIDENTS AND MINIMIZING THEIR IMPACT THROUGH MEMS SENSORS	COMPUTER SCIENCE AND ENGINEERING	B.E.	Dr. ASHOKA K	Ms. APEKSHA B Mr. SUHAS K Mr. AMOGHA TV Ms. AISHWARYA KALAL	6000.00
182.	44S_BE_3550	ANTIMICROBIAL ACTIVITY AND FRAGRANCE OF CLOVE BUD ON WOVEN SILK FABRICS	TEXTILE TECHNOLOGY	B.E.	Dr. S M CHANDRASEKHARA	Ms. AMRUTHA V P Ms. BINDU M N Ms. SINDHU SHREE M Ms. SAKSHI JAIN	7000.00
183.	44S_BE_3556	DEVELOPMENT OF BIO-DEGRADABLE AND ECO-FRIENDLY ARTICRAFT BAGS USING ARECA SHEATH	MECHANICAL ENGINEERING	B.E.	Dr. SHARAN K S Mr. BASAVARAJ B	Mr. CHIDANANDA Mr. MANJUNATHA H Mr. PRAVEEN KUMAR Mr. S SUNILA	8000.00
184.	44S_BE_3559	BIODIESEL EXTRACTION FROM MICROALGAE AND TESTING ITS PROPERTIES	MECHANICAL ENGINEERING	B.E.	Dr. K SADASHIVAPPA Dr. SHARAN A S	Mr. B H VINAYAKA Mr. DEVARAJ G B Mr. HARSHAVARDHAN M J Mr. AJAY KUMAR N	6000.00

Note:

- The sanctioned amount will be credited to the college bank account by NEFT.
- The evaluation of above projects will be conducted during May / June 2021 via online mode.
- Participation in the online evaluation process and submission of softcopy of the final project report is mandatory, failing to which the sanctioned project will be withdrawn from the list and sanctioned amount shall be returned to KSCST.
- After completion of the projects, softcopy (PDF format in a single file) of the report needs to be sent to KSCST without fail.
- Any corrections with respect to the names of the guide and students should be requested at spp@kscst.iisc.ernet.in.