

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012
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45th series of Student Project Programme (SPP): 2021-22

List of Student Project Proposals Approved for Sponsorship

2. A.J. INSTITUTE OF ENGINEERING AND TECHNOLOGY, MANGALURU

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	BUDGET RECOMMENDED
6.	45S_BE_2677	EVALUATION OF PHYSICOCHEMICAL CHARACTERISTICS AND METAL CONTAMINATION RISK IN NETHRAVATHI AND GURUPURA RIVER BASIN: OVERVIEW OF POLLUTION INDICES WITH RISK ASSESSMENT AND APPLICATION OF LOW-COST WATER FILTER	B.E.	CIVIL ENGINEERING	Mr. NITESH	Ms. DEEKSHA Ms. SRIDEVI R. Mr. SUJIT SHEKAR POOJARI Ms. PRAJNA	7,000.00
7.	45S_BE_2696	LOW COST SENSOR BASED KIT TO DETECT THE GHG GAS EMISSIONS FROM SEWAGE AND INDUSTRIAL EFFLUENTS IN MANGALORE AND PUBLIC AWARENESS SURVEY OF THE SAME	B.E.	CIVIL ENGINEERING	Dr. SUMAN KUNDAPURA	Mr. NIKESH KUMAR SIWAN Mr. A PREM KUMAR Mr. DILEEP M Ms. SUNAINA GHARTI	7,000.00
8.	45S_BE_2754	STRENGTH EVALUATION OF STEEL PLATE GIRDER USING STAAD PRO SOFTWARE	B.E.	CIVIL ENGINEERING	Dr. SANGEETHA D.M	Ms. COSTA JANAVI Ms. A. MANJIMA Ms. ANANYA KUDYADI Ms. CHAITANYA CHANDRASHEKAR HOSAMANE	4,000.00
9.	45S_BE_1418	ESPERANZA - IOT BUDDY AT HOME	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. SIJU V SOMAN	Mr. BHAVNA SHARMA Ma. SHRADDHA Ms. ARPITHA M J	6,000.00
10.	45S_BE_0749	OBJECT DETECTION BASED GARBAGE COLLECTION ROBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. PRAKASH K SHETTY Mr. MANJUKIRAN B	Mr. DHANUSH Mr. DHANUSH AMIN Ms. K PALLAVI Mr. NITESH KUMAR	6,000.00
11.	45S_BE_1518	IMAGE REGENERATION FOR OLD DAMAGED REEL PICTURE	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. JOHN PRAKASH VEIGAS	Ms. YASHASWINI Ms. MEGHASHREE Ms. PAVITHRA Ms. ZUBAIDA SHAIMA	4,500.00
12.	45S_BE_1967	CHRONIC DISEASE PREDICTION AFTER COVID-19 USING MACHINE LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. SURESHA D	Ms. SWAPNA Ms. PRATHEEKSHA H Ms. SAAMIYA Ms. TANYA MENDON	3,000.00
13.	45S_BE_1992	BREAST CANCER HISTOPATHOLOGY IMAGE CLASSIFICATION USING MACHINE LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. ARUNA KUMARI G. K.	Ms. MEGHA JOSE Mr. ABHIJITH P.P Ms. KRITHI T Ms. NIKITA	5,000.00
14.	45S_BE_1684	A NOVEL PLASTIC WASTE MANAGEMENT SYSTEM TO CONTROL AIR POLLUTION	B.E.	MECHANICAL ENGINEERING	Dr. SUNIL KUMAR S	Ms. YOJITH.K Mr. RAKSHITH ACHARYA Mr. SHARAVANRAJ KAMBLI Mr. VASANTH KUMAR T S	7,000.00