

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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45th Series of Student Project Programme (SPP): 2021-22

List of Student Project Proposals Approved for Sponsorship

Sl. No	PROJECT REFERENCE NO	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SANCTIONED AMOUNT (IN RS.)
01	45S_BE_2205	ENHANCEMENT OF AERODYNAMIC EFFICIENCY OF THE CORRUGATED AEROFOIL WITH ACTIVE AND PASSIVE FLOW TECHNIQUE.	B.E	AERONAUTICAL ENGINEERING	Prof. VIDYASHREE K R	Mr. PRASAD BELGUNDKAR Mr. NARINDER KUMAR Mr. CHAVALI BHIMA SANKARAM Mr. UMESH RANA	10,000.00
02	45S_BE_0728	EXPERIMENTAL STUDY ON MECHANICAL STRENGTH AND DURABILITY OF GLOW-IN-DARK CONCRETE	B.E.	CIVIL ENGINEERING	Mr. SHASHIKUMAR A	Mr. ABHISHA M Mr. ADHESH PRERAN Mr. ABHISHEK K S Mr. BHARAT KUMAR Y K	6,000.00
03	45S_BE_1379	ANALYSIS OF PERFORMANCE OF SELF - HEALING CONCRETE USING BACILLUS SUBTILIS	B.E.	CIVIL ENGINEERING	Mr. CHETAN G N	Ms. ANUSHREE G Ms. ANNAPOORNA N Mr. ANJUM RASHEED Mr. LAKSHMIPATHI S R	6,000.00
04	45S_BE_1385	DEWEEDING IN PONDS BY CHEMICAL TREATMENT : A CASE STUDY	B.E.	CIVIL ENGINEERING	Ms. BHAVYA S	Ms. HAMSHITHA D Ms. HARSHITHA E Mr. GIRISH A Mr. JEETENDRA KUMAR YADAV	7,000.00
05	45S_BE_1485	ASSESSMENT OF POLLUTIONAL POTENTIAL OF GROUNDWATER THROUGH WATER QUALITY INDEX	B.E.	CIVIL ENGINEERING	Mr. RAVEENDRANATH C	Mr. YASHWANTH S Ms. VINUTHA K T Mr. VIVEK N PATEL	6,500.00
06	45S_BE_1813	EXPERIMENTAL STUDY ON THE USE OF GOLD MINE TAILING AS A FINE AGGREGATE	B.E.	CIVIL ENGINEERING	Mr. KAMATH G M	Ms. RAJANI KANTH N Ms. PRAGATHI N Mr. PRAJWAL D Mr. PRAJWAL H R	6,500.00
07	45S_BE_0942	RICE SAFETY TRACEABILITY SYSTEM FOR PEOPLE'S HEALTH USING MACHINE LEARNING AND BIG DATA	B.E.	COMPUTER SCIENCE	Mr. ASHOK K N	Ms. CHAITHRA E Ms. CHANDANA A S Ms. CHANDINI A R	5,000.00

				AND ENGINEERING		Ms. D HARSHITHA BHAVANI	
08	45S_BE_3509	ADVANCED MACHINE LEARNING TECHNIQUE TO DETECT DISEASE IN POTATO	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. GIRISH B G	Mr. NITISH S Mr. MANOJ M D Mr. NARENDRA N Mr. R VIRUPAKSHA GOUDA PATIL	4,000.00
09	45S_BE_0767	COMPUTING VOLUMETRIC FLOW RATE AND STORING THE DATA IN WEBSITE	B.E.	ELECTRONICS AND COMMUNICATI ON ENGINEERING	Mr. RAVI M V	Ms. NISARGA Y P Ms. MANASA C Ms. PAVANI K N Ms. POOJA M	5,000.00
10	45S_BE_0844	VICTIM RESCUE FROM OPEN BOREWELL	B.E.	ELECTRONICS AND COMMUNICATI ON ENGINEERING	Mr. RAVIKIRAN R Mr. RAVI M V	Mr. TALAMARLA VISHNU SREELATHA Ms. SPARSHA S REDDY Ms. SWAGATH M Mr. VINOD M	6,000.00
11	45S_BE_0878	POLE CLIMBING ROBOT FOR CONNECTING DISTRIBUTION LINES	B.E.	ELECTRONICS AND COMMUNICATI ON ENGINEERING	Prof. VEENA S	Ms. GREESHMA T S Ms. BHARGAVI K Ms. CHANDRAKALA M R Ms. SUDHA S V	6,000.00
12	45S_BE_1105	HYDROPONICS FARMING USING DUAL-AXIS SOLAR TRACKING SYSTEM	B.E.	ELECTRONICS AND COMMUNICATI ON ENGINEERING	Ms. SHWETHA V	Mr. YASHAS G Ms. YASHIKAPRIYADARSHINI D V Ms. YOGITHA J R	5,000.00
13	45S_BE_1131	CAMOUFLAGE MILITARY ROBOT	B.E.	ELECTRONICS AND COMMUNICATI ON ENGINEERING	Mr. RAVI KIRAN R	Ms. NAZIA	6,000.00
14	45S_BE_1173	IMPLEMENTATION OF REAL TIME HAND GESTURES FOR 3D HOLOGRAPHIC DISPLAY USING ARTIFICIAL INTELLIGENCE	B.E.	ELECTRONICS AND COMMUNICATI ON ENGINEERING	Dr. S BHARGAVI	Ms. EPPARLA PADMINI Ms. BHOOMIKA R Ms. K NIKHILA Ms. KAVYA T	6,000.00
15	45S_BE_1246	IOT BASED SMART SECURITY AND SURVEILLANCE SYSTEM	B.E.	ELECTRONICS AND COMMUNICATI ON ENGINEERING	Mr. MANJUNATHA SIDDAPPA Mr. RAVI M V	Mr. NELSON V I Mr. PRASHANTH KUMAR G B Ms. PRATHIMA S Ms. MOUNICA V	7,000.00

16	45S_BE_2385	A LOW COST MULTI-SENSOR FOR INVESTIGATING THE STRUCTURAL RESPONSE OF STRUCTURES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. NAGENDRA KUMAR M	Ms. JALAJERLA PRAVALIKA Ms. BRUNDA N Ms. DHANALAKSHMI Y S Ms. HAMSA V	6,000.00
17	45S_BE_0934	INTEGRATED RELIABLE ICU BOOKING SYSTEM FOR COVID-19	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. SABIN TT	Ms. SMRUTHI R PALADHI Ms. R P PAVITRA Ms. RAKSHITHA N R Ms. RANJITHA M	6,000.00
18	45S_BE_1898	DEVELOPMENT OF ARECA NUT TREE CLIMBING AND HARVESTING MACHINE WITH PESTICIDE SPRAYER	B.E.	MECHANICAL ENGINEERING	Prof. PALAKSHAIAH	Mr. MANOJ B G Ms. KEERTHI U Mr. KIRAN I M	8,000.00
19	45S_BE_1939	SOFT ROBOTICS BASED VOICE CONTROLLED PROSTHETIC HAND	B.E.	MECHANICAL ENGINEERING	Dr. MALLARADHYA H M	Mr. PRAJWAL.R Mr. SHAM SUNDAR G.K Ms. SHREEHARSHA A Mr. YATHISH GOWDA K R	7,000.00