

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

25. BANGALORE INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROJECT REFERENCE No.	PROJECT TITLE	BRANCH	COURSE	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SANCTIONED AMOUNT (IN Rs.)
142.	445_BE_1538	EXPERIMENTAL INVESTIGATION ON FLEXURAL BEHAVIOUR OF CEMENT MORTAR PANEL REINFORCED WITH BASALT TEXTILE MESH.	CIVIL ENGINEERING	B.E.	Dr. VATHSALA	Mr. HARSHA T Mr. SACHIN C S Mr. NITHIN.N Mr. GURUDATH.R	5000.00
143.	445_BE_1540	DETECTION OF COVID-19 WITH CHEST X-RAY, CT IMAGES USING CNN.	COMPUTER SCIENCE AND ENGINEERING	B.E.	Dr. D G JYOTHI	Ms. RAAGA SHETTY B P Ms. J SONY Ms. LATHASHREE D R Ms. NEHA RAVISHANKAR	2000.00
144.	445_BE_1541	SAFE DISTANCE AND FACE MASK DETECTION USING DEEP LEARNING	COMPUTER SCIENCE AND ENGINEERING	B.E.	Prof. MAYA B S Dr. ASHA T	Mr. PRAJWAL P Mr. PRATIK R PAILWAN Mr. RAHUL KUMAR GUPTA Mr. REVANTH P N	3000.00
145.	445_BE_1542	SCREENING TOOL FOR EARLY DETECTION OF DYSLEXIA IN CHILDREN BY HANDWRITING AND EYE MOVEMENT	COMPUTER SCIENCE AND ENGINEERING	B.E.	Prof. NETHRAVATHY V	Mr. INDRAJEET KANWAR Mr. NIKHIL K R SINGH Ms. KAJAL MUNDRA Ms. SOUNDARYA R	3000.00
146.	445_BE_1545	SMART REAL-TIME TRACKING AND CONTROLLING SYSTEM DURING HEALTH EMERGENCY FOR IMPROVED ROAD-SAFETY	ELECTRICAL AND ELECTRONICS ENGINEERING	B.E.	Prof. YESHWANTH KUMAR	Mr. YATHISHGOWDA H R Mr. NITHISH M Mr. THIPPESHA J Mr. NAGARAJU J N	6000.00
147.	445_BE_1549	MODIFIED GENETIC ALGORITHM AND FUZZY LOGIC FOR OPTIMIZATION OF TRAFFIC CONTROL SYSTEM IN CITIES AND TOWNS	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E.	Dr. KALPANA A. B.	Mr. NEELANJAN GOSWAMI Mr. MOHD AHMED SIDDIQUE Mr. SUDARSHAN KUMAR Mr. MOKA SAI CHARAN	4000.00
148.	445_BE_1715	UVC LED IN THE FIELD OF MEDICAL AND SMART HEALTH CARE USING IOT	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E.	Prof. N CHETAN ANAND	Ms. NIRMITHA DEVI H Ms. RACHANA NAYAKA N Ms. PUSHPA B S Ms. POOJA T S	6000.00
149.	445_BE_1717	FOOTSTEP POWER GENERATOR FOR AC LOADS	TELECOMMUNICATION ENGINEERING	B.E.	Mrs. A R MANJULA	Mr. SHREYAS B Ms. ANJANA S Ms. HARSHITHA R	5000.00

150.	445_BE_1720	ISMART BIT BOT	TELECOMMUNICATION ENGINEERING	B.E.	Prof. A R BHAVYA	Mr. JAYANTH GOWDA A Ms. CHINMAYI G H Mr. SURAJ SANJAY Ms. VIDYASHREE L	6000.00
151.	445_BE_1721	AUTONOMOUS CAR USING DEEP LEARNING AND OPENCV	TELECOMMUNICATION ENGINEERING	B.E.	Prof. GIRISH KUMAR N G	Ms. NAYANA H Ms. RASHMI M NAIK Mr. RIYAZ KHAN Z Mr. SHOBITH M	6000.00
152.	445_BE_2117	ECO-FRIENDLY POWER GENERATION FROM HUMAN WASTE (URINE) BY ELECTROLYSIS PROCESS.	MECHANICAL ENGINEERING	B.E.	Mr. SANTHOSH KUMAR M	Mr. AMRUTH B Mr. BALAJI S Mr. HARISH GOWDA M H Mr. AKSHAYA SRIVASTHAV	8000.00
153.	445_BE_3689	AI POWERED DRONE STATION	INFORMATION SCIENCE AND ENGINEERING	B.E.	Prof. ANUPAMA K C	Mr. VINAY P Ms. SHREYA WATVE Ms. MADHURI B S Ms. HARSHITHA BHATIA	6000.00
154.	445_BE_3690	MONITORING COVID-19 SOCIAL DISTANCING USING DEEP SORT TECHNIQUE	INFORMATION SCIENCE AND ENGINEERING	B.E.	Dr. VANI V	Ms. BHAVANA S N Ms. AISHWARYA A S Ms. NIKHATH Ms. LALITHYA K S	4000.00
155.	445_BE_3693	OUTLIER PREDICTION MODEL FOR COVID-19 USING DEEP LEARNING	COMPUTER SCIENCE AND ENGINEERING	B.E.	Dr. ASHA T	Mr. ABHISHEK KOUSHIK B N Mr. AMITH VISHNU Mr. AKASH R Mr. ANANDTEERTH	5500.00
156.	445_BE_4264	WASTE RECYCLING AND OBTAINING ENERGY FROM ALTERNATIVE SOURCES UNDER BIOENERGY AND SOLAR ENERGY APPLICATION IN VILLAGES	MECHANICAL ENGINEERING	B.E.	Mr. H N PEDDAPPA	Mr. RAHUL H Mr. ROHIT S NAIK Mr. SAURABH CHOUDHARY	7000.00
157.	445_MTECH_013	PREPARATION OF CHARCOAL USING AGRICULTURAL WASTES	MANUFACTURING SCIENCE AND ENGINEERING	M.Tech	Dr. H.N. REDDAPPA	Mr. UDAY KUMAR G S	7000.00