



KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

Website: www.kscst.org.in, <https://kscst.karnataka.gov.in> || Email: spp@kscst.org.in || Tel: 080-2334 1652, 2334 8848/49/40

48th series of Student Project Programme (SPP): 2024-25

List of Student Project Proposals Approved for Sponsorship

108. MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOOBBIDRI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
956.	48S_BE_1156	EXPERIMENTAL & NUMERICAL INVESTIGATION ON EFFECT OF DIVERGENCE ANGLE FOR A CONVERGENT - DIVERGENT SOLID PROPELLANT ROCKET NOZZLE	B.E.	AERONAUTICAL ENGINEERING	Mr. AJITH KUMAR Dr. EZHILMARAN	Mr. HARSHITH S BHANDARY Ms. POORVI DEVADIGA Mr. VINITH AARON Mr. HUDAIF UM	5,500.00
957.	48S_BE_1702	PERCUSSION-BASED VIBRATION AND AUDIO SIGNAL ANALYSIS FOR STRUCTURAL HEALTH MONITORING OF BOLTED JOINTS IN AIRCRAFT STRUCTURES	B.E.	AERONAUTICAL ENGINEERING	Mr. AJITH KUMAR	Ms. SPOORTI HANCHINAL Ms. JANAKI KADDI Ms. KHUSH FATHIMA Mr. MOHAMMED RAIF KHADER	5,500.00
958.	48S_MCA_0041	SMART AI-INTEGRATED WEARABLE FOR EARLY DETECTION OF DIABETIC FOOT ULCERS USING SENSORS AND BIOMARKERS	M.C.A.	COMPUTER APPLICATIONS	Dr. ANUSHREE RAJ	Ms. DEEKSHA P ACHARYA Ms. NAYANA G KAMATH Ms. SHWETHA Ms. RAKSHA	4,000.00
959.	48S_MCA_0050	DUAL AXIS SOLAR PANEL USING ARDINO	M.C.A.	COMPUTER APPLICATIONS	Mrs. SADHANA K Dr. ANUSHREE RAJ	Mr. PRASHANTH K Mr. KOUSTUBHA K M Mr. SUMAN Mr. PRANEETH	4,500.00
960.	48S_MCA_0051	SMART RFID- BASED ACCESS MANAGEMENT SYSTEM WITH AI-DRIVEN ANALYTICS AND CLOUD INTEGRATION	M.C.A.	COMPUTER APPLICATIONS	Ms. RASHMI M S Dr. ANUSHREE RAJ	Mr. SHRUTHAKEERTHIRAJ Mr. JAY M BUNNAL Ms. KAVYA NAIK Mr. THEJAS D SHETTY	4,500.00



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961.	48S_MCA_0070	KRISHICONNECT	M.C.A.	COMPUTER APPLICATIONS	Mr. RAGESH RAJU Dr. MADHWARAJ K G	Mr. S SANJITH GUNA Ms. LAHARI Ms. SUSHMITHA S Ms. SHRAVYA	4,000.00
962.	48S_MCA_0089	AI-DRIVEN WEB PORTAL FOR T-CELL AND BIOMARKER ANALYSIS IN BREAST CANCER DIAGNOSTICS	M.C.A.	COMPUTER APPLICATIONS	Dr. ANUSHREE RAJ	Mr. SELVA KUMAR Mr. ANKITH K C Ms. K SHWETHA Ms. BHAVYASHREE	4,500.00
963.	48S_BE_0747	ANALYSIS OF WHATSAPP CHAT USING NLP MODELS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. SHWETHA C H	Mr. VIPUL NAYAK Ms. SHARADHI SHEDIGUMME Mr. SUMANTH KRISHNA P Ms. VARSHA R GIRISH	4,500.00
964.	48S_BE_0789	ONCOGUIDERX: A DEEP LEARNING-BASED PLATFORM FOR PREDICTING PERSONALIZED CANCER DRUG SENSITIVITY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. SUMA K	Ms. K SAHANA RAO Mr. KARTHIK U SHETTIGAR Mr. DHANUSH A Mr. DHANUSH S SHETTY	3,500.00
965.	48S_BE_1058	PHARMACEUTICAL SUPPLY CHAIN MANAGEMENT USING BLOCKCHAIN	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. SUNITHA N V	Ms. CLEON VIOL DSOUZA Mr. CHETHAN V Mr. DHANANJAYA KUMAR SHETTY Ms. HARSHITHA K	3,500.00
966.	48S_BE_1141	MACHINE LEARNING-BASED EARLY DETECTION OF AUTISM IN CHILDREN	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. REJEESH RAYAROTH	Ms. SANYUKTHA SATISH SHETTY Ms. SAMRUDDHI H.R Ms. SHRADDHA SINGH Ms. MILIYANA REENA DSOUZA	3,500.00



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967.	48S_BE_2308	RESUME AND LINKEDIN PROFILE-BASED CANDIDATE SCREENING AND RANKING SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. RAVINARAYANA B	Mr. MANISH Ms. PRAPTHI JAIN Mr. PRATHAM BEKAL Ms. RASHMI R DEVADIGA	2,500.00
968.	48S_BE_3284	CODE COMMENT GENERATION USING LLM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SHIVANANDA V SEERI	Mr. KSHITISH SHETTY Mr. SHREESHA Mr. JNANESH Ms. SOUNDARYA M SHETTY	3,500.00
969.	48S_BE_1288	AI-POWERED RESPIRATORY SUPPORT: A LEAP FORWARD IN PATIENT CARE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. RANJITH H D	Ms. SANJANA NAYAK Mr. BHUVANESH Mr. VIKAS SHETTY Mr. KRISHNA	4,500.00
970.	48S_BE_1413	VITAL GLOW: SMART MONITORING FOR MOTHERHOOD AND DIABETES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. UDAY J	Ms. SAKSHI S SHETTY Mr. ANUCHITH A SHETTY Mr. DHEERAJ Mr. DARSHAN	4,500.00
971.	48S_BE_1540	AIR AWARE: INDOOR AIR QUALITY MONITORING USING MACHINE LEARNING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SRI KRISHNA SHASTRI C	Ms. AMISHA SALIAN Mr. CHETHAN K R Mr. KULADEEP Ms. SHREYA SHETTY	4,500.00
972.	48S_BE_1698	SOLAR POWERED WATER BODY CLEANING AND MONITORING DRONE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SATHISHA	Mr. SANJAN KUMAR Mr. ASHIK E K Mr. SHAIKH MOHAMMED AFZAN Mr. HARSHA	4,500.00



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973.	48S_BE_1803	MAT-KIT: (MEDICAL ASSISTANT TOOL) FOR MONITORING HEALTH	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. BHAVYA S	Ms. SAMPRITHI K Ms. MAITHRI Mr. SWASTIK T S Mr. SWASTHIK P	4,000.00
974.	48S_BE_2069	OPTIMIZING EARLY PARKINSON'S DISEASE DIAGNOSIS VIA MACHINE LEARNING AND MULTI-MODEL EMBEDDED SYSTEMS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SRUTHI DINESH	Mr. OMKAR Mr. ANITH H M Mr. PRATIK SACHIN HALBHAVI Ms. SUSHMITHA POOJARY	4,500.00
975.	48S_BE_3053	SKYSCRAPER WINDOW CLEANING ROBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Ms. POORNIMA K	Ms. ANUSHREE K NAIK Mr. PRATHIK RAJ Mr. SATHWIK J A Mr. AMBRESH	4,000.00
976.	48S_BE_0831	RANDOM FOREST-BASED PANCREATIC CANCER DETECTION SYSTEM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. RAJESH N KAMATH	Ms. NIDHI S SHETTY Ms. KARUNYA BHAT Ms. MEDINEE S RAO Ms. MONISHA G D	2,500.00
977.	48S_BE_1485	A BLOCKCHAIN-BASED DECENTRALIZED SYSTEM TO ENSURE THE QUALITY OF ORGANIC FOOD SUPPLY CHAIN	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. SREEJA RAJESH	Mr. ASTHIK B GOWDA Mr. DARSHAN H J Mr. HARSHA ELIGAR Mr. NAQEEB NAVEED SHAIKH	3,500.00
978.	48S_BE_3010	AI BASED INTERVIEW CHATBOT	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. RAMANANDA MALLYA K	Mr. ABHILASH HARISH SHETTY Mr. K KARTHIK NARAYAN PAI Mr. KEERTHAN MARATHE Mr. PRAJWAL B	3,500.00



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979.	48S_BE_1247	ADVANCED AGRICULTURAL INTELLIGENCE SYSTEM FOR SUSTAINABLE FARMING	B.E.	INTERDISCIPLINARY	Dr. JAYAPRAKASH M C Dr. RAMANANDA MALLYA K	Mr. ANIRUDDHA M Mr. AKHILESH K Mr. MAKARANDA GORE	4,000.00
980.	48S_MBA_0046	A STUDY ON THE ECONOMIC VIABILITY OF ENHANCING RENEWABLE ENERGY ADOPTION: A STUDY ON HOUSEHOLD UTILIZATION, CHALLENGES AND SUSTAINABLE SOLUTIONS IN THE COASTAL KARNATAKA.	M.B.A	M.B.A	Prof. AKSHATHRAJ JAIN	Ms. ARPITHA Mr. GAURAV G AMIN Mr. GOWRISH B MOILY Ms. DISHA R POOJARY	3,000.00
981.	48S_BE_1352	DESIGN AND DEVELOPMENT OF AN AI INTEGRATED MULTI PURPOSE ROBOTIC ARM FOR DIVERSE INDUSTRIAL AND DOMESTIC APPLICATION	B.E.	MECHANICAL ENGINEERING	Mr. SWAROOP GANNAMANI Dr. VIGNESH NAYAK ULLAL	Mr. ROHAN KALAS Mr. SKANDA SV	5,000.00
982.	48S_BE_0510	MULTI-MODE DRONE	B.E.	MECHATRONICS ENGINEERING	Dr. BINDU MADHAVI J	Mr. RAJ KUMAR H C Mr. BHAVISH KOTIAN Mr. ANISHRAJ	5,500.00
983.	48S_BE_1353	ROBUST VISION SYSTEM ARCHITECTURE FOR AUTONOMOUS DRIVING	B.E.	MECHATRONICS ENGINEERING	Mr. SANTHOSH S	Mr. SUPREETH SEBASTIN QUADRES Mr. MANISH M H Mr. CHIRAYU C POOJARY Mr. SHAAN NAYEEM KUNDAPUR	5,500.00

Note: The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.