

New Horizon College of Engineering

Sponsored Research Projects for the Year 2022-23

SL.NO	Financial Year	Name of the Faculty (Principal Investigator)	Name of the Funding Agency	Title of the Project	Sanctioned Order No.	Sanctioned Date	Amount Received (in Rupees)	Amount Received in words
1	2022-23	Dr. Srinath. M. K and Dr. Manjunatha	Vision Group of Science & Technology , Govt. of Karnataka	Centre of Excellenec in Bio-Mechancial Engineering Sciences	GRD no. 1007	15-02-2023	40,00,000	Rupees Fourthy Lakhs only
2	2022-23	Dr. Bhavya P	Vision Group of Science & Technology , Govt. of Karnataka	Analysis of novel hetrocyclic compound for photohysical properties and their biological activity through fluprescence quenching by spectroscopic and computational methods	GRD no. 1106	15-02-2023	3,00,000	Rupees Three Lakhs
3	2022-23	Prof. SMITHA B S	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	FABRICATION OF LOW COST AUTOMATIC FIRE EXTINGUISHER SYSTEM	46S_BE_4837	12-05-2023	5,000.00	Rupees Five Thousand only
4	2022-23	Prof. SMITHA B S	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560013	DESIGN AND DEVELOPMENT OF E-BIKE FOR PHYSICALLY CHALLENGED PEOPLE	46S_BE_5117	12-05-2023	6,000.00	Rupees Six Thousand only
5	2022-23	Dr. MAHESHA N	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560014	QUANTITATIVE ANALYSIS AND ASSESSMENT OF EMBODIED CARBON REDUCTION FROM RESIDENTIAL BUILDING	46S_BE_5229	12-05-2023	4,000.00	Rupees Four Thousand only
6	2022-23	Mrs. SENHAL R L Mr. RAJENDRA	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560015	AN EXPERIMENTAL STUDY ON STRENGTH OF BASALT FIBERS REINFORCED CONCRETE	46S_BE_5304	12-05-2023	4,000.00	Rupees Four Thousand only
7	2022-23	Mrs. CHEMPAVATHY B Dr. B. MEENAKSHI SUNDARAM	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560016	AN EXPERIMENTAL ANALYSIS ON MITIGATING THE EFFECTS OF MALICIOUS NODES IN A FEDERATED LEARNING SYSTEM	46S_BE_3335	12-05-2023	4,000.00	Rupees Four Thousand only
8	2022-23	Dr. K ASHOK Dr. B RAJALAKSHMI	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560017	WOMEN SAFETY ANALYSIS SYSTEM USING MACHINE LEARNING ON DIFFERENT SOCIAL MEDIA PLATFORM	46S_BE_3463	12-05-2023	3,000.00	Rupees Three Thousand only
9	2022-23	Prof. D. SALANGAI NAYEGI Dr. DHANALAKSHMI	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560018	VULNERABILITY ANALYSIS ARCHITECTURE UTILIZING AUTO ENCODING BAYESIAN ALGORITHM	46S_BE_3532	12-05-2023	4,000.00	Rupees Four Thousand only
10	2022-23	Dr. TEJAS K R Dr. B.RAJALAKSHMI	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560019	IMAGE RECOGNITION AND ENHANCEMENT USING MULTI-SCALE RETINEX AND HISTOGRAM EQUALIZATION	46S_BE_3651	12-05-2023	4,000.00	Rupees Four Thousand only
11	2022-23	Mr. GELUVARAJ B Mr. SANTOSH KUMAR B V	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560020	2D IMAGES TO HIGH RESOLUTION 3D HUMAN DIGITIZATION	46S_BE_4062	12-05-2023	4,000.00	Rupees Four Thousand only

12	2022-23	Mr. SANTHOSH KUMAR Dr. RACHANA P	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560021	SMART GLOVES DEVELOPMENT IMPLEMENTING TINYML FOR REAL-TIME SIGN LANGUAGE RECOGNITION	46S_BE_4317	12-05-2023	4,000.00	Rupees Four Thousand only
13	2022-23	Ms. FLORANCE G	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560022	ENCEPHALON - SOLVE AND LEARN	46S_BE_4447	12-05-2023	3,000.00	Rupees Three Thousand only
14	2022-23	Mrs. THANGA SUBHA DEVI Dr. NIRMALA M	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560023	STUDENT'S SOUL: THE NON TRANSFERABLE TOKEN	46S_BE_4513	12-05-2023	4,000.00	Rupees Four Thousand only
15	2022-23	Dr. D.ROJA RANI	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560024	CYTOCOL - ONLINE LAW SYSTEM	46S_BE_4791	12-05-2023	3,500.00	Rupees Three Thousand Five Hundred only
16	2022-23	Mrs. PRIYA T V Dr. B. MEENAKSHI SUNDARAM	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560025	PREDICTIVE PROTECTION OF SENSITIVE DATA	46S_BE_4924	12-05-2023	3,000.00	Rupees Three Thousand only
17	2022-23	Dr. S. SUJITHA	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560026	DESIGN AND FABRICATION OF QUAD BIKE FOR PHYSICALLY CHALLENGED	46S_BE_0001	12-05-2023	5,000.00	Rupees Five Thousand only
18	2022-23	Prof. SURAT PYARI ATTI Dr. S. SUJITHA	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560027	ARTIFICIAL INTELLIGENCE BASED SELF- DRIVING CAR USING ROBOTIC MODEL	46S_BE_0442	12-05-2023	5,000.00	Rupees Five Thousand only
19	2022-23	Mrs. KARTHIKA M. Dr. MOHAN DAS R.	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560028	DESIGN AND IMPLEMENTATION OF SOLAR FED FLOOD ALERT SYSTEM USING BOLT WI- FI MODULE	46S_BE_0716	12-05-2023	4,000.00	Rupees Four Thousand only
20	2022-23	Ms. SOUMYA K V Dr. S SUJITHA	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560029	SILENT SURVEILLANCE AUTONOMOUS DRONE FOR DISASTER MANAGEMENT AND MILITARY SECURITY USING ARTIFICIAL INTELLIGENCE	46S_BE_0900	12-05-2023	5,000.00	Rupees Five Thousand only
21	2022-23	Dr. PIRUTHIVIRAJ P	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560030	ANALYSIS OF AIR POLLUTION IN A SMART CITY INFRASTRUCTURE USING IOT	46S_BE_1198	12-05-2023	5,000.00	Rupees Five Thousand only
22	2022-23	Mrs. NAYANA G H Dr. ARAVINDA K	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560031	IOT BASED SMART HOME SYSTEMS FOR SPECIALLY ABLED AND AGED USERS	46S_BE_2022	12-05-2023	5,000.00	Rupees Five Thousand only
23	2022-23	Mrs. SABITABRATA BHATTACHARYA Mr. PARAG JAIN	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560032	REMOTE DRIVER MONITERING SYSTEM	46S_BE_3474	12-05-2023	5,000.00	Rupees Five Thousand only
24	2022-23	Mrs. AMARJEET PAL CHEEMA	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560033	ANIMAL DETECTION FOR FARMLANDS USING IMAGE PROCESSING	46S_BE_3942	12-05-2023	5,000.00	Rupees Five Thousand only

25	2022-23	Mrs. BABY CHITHRA Mrs. SALNA JOY	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560034	TRAFFIC RULE VIOLATION RECOGNITION	46S_BE_4076	12-05-2023	4,000.00	Rupees Four Thousand only
26	2022-23	Prof. BHAWNA KHOKHER Dr. MAMTA SAVADATTI	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560035	IOT-BASED HIGH SECURITY SMART LOCKER	46S_BE_4165	12-05-2023	4,000.00	Rupees Four Thousand only
27	2022-23	Ms. SUVIKA K V Dr. MOHAN H S	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560036	A STUDY ON COMMUNICATION SKILLS AND PERSONALITY TRAITS DETECTION USING AVI	46S_BE_0876	12-05-2023	4,000.00	Rupees Four Thousand only
28	2022-23	Mrs. SONY M KURIAKOSE	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560037	WIRELESS VOICE CONTROLLED ROBOT	46S_BE_1008	12-05-2023	5,000.00	Rupees Five Thousand only
29	2022-23	Dr. B. SWATHI	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560038	(NALINA RAITHA) GREENWORKLINE-AN AI BASED ASSISTANT FOR SELF FARMING	46S_BE_1112	12-05-2023	3,000.00	Rupees Three Thousand only
30	2022-23	Prof. M SHANMUGAM SHOBA	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560039	BIOMETRIC AUTHENTICATION IN ATMS USING RFID	46S_BE_1330	12-05-2023	4,000.00	Rupees Four Thousand only
31	2022-23	Dr. MOHAN H S	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560040	A NOVEL APPROACH TO RECORD AND NARRATE THE SUMMARY OF CONVERSATION FOR ALZHEIMER PATIENTS	46S_BE_1864	12-05-2023	5,000.00	Rupees Five Thousand only
32	2022-23	Dr. KALAIVANI D Dr. MOHAN H S	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560041	AN APPLICATION TO SCAN THE RESUME USING NLTK AND SPACY	46S_BE_3719	12-05-2023	3,000.00	Rupees Three Thousand only
33	2022-23	Prof. KIRAN KUMAR BONTHU	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560042	AUDIO AND TEXT TO SIGN LANGUAGE CONVERTER	46S_BE_3748	12-05-2023	4,000.00	Rupees Four Thousand only
34	2022-23	Dr. ARVIND KAPSE	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560043	MULTILINGUAL TOXIC COMMENT CLASSIFIER	46S_BE_4419	12-05-2023	4,000.00	Rupees Four Thousand only
35	2022-23	Ms. BIBIANA JENIFER	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560044	QR CODE BASED AUTHENTICATION FOR LOGIN / PAYMENT	46S_BE_5443	12-05-2023	3,500.00	Rupees Three Thousand Five Hundred only
36	2022-23	Mrs. BINJU SAJU Dr. V.ASHA	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560045	SPEECH TO TEXT CONVERSION	46S_MCA_009	12-05-2023	4,000.00	Rupees Four Thousand only
37	2022-23	Dr. B.NITHYA RAMESH Dr. V.ASHA	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560046	MIND GAME COLLECTION FRAMEWORK	46S_MCA_017	12-05-2023	4,000.00	Rupees Four Thousand only

38	2022-23	Dr. A.P NIRMALA	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560047	E-LEARNING PORTAL	46S_MCA_019	12-05-2023	5,000.00	Rupees Five Thousand only
39	2022-23	Dr. V. ASHA Ms. NEETHU TRESSA	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560048	CLI BASED CHAT TOOL	46S_MCA_030	12-05-2023	5,000.00	Rupees Five Thousand only
40	2022-23	Dr. SUDARSHAN T A	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560049	DESIGN AND FABRICATION OF MULTI-MODE BI-COPTER	46S_BE_0458	12-05-2023	6,000.00	Rupees Six Thousand only
41	2022-23	Dr. GAYATRI TANUJA G	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560050	BLIND-AID SPECTACLE FOR VISUALLY IMPAIRED PEOPLE USING DEEP LEARNING ALGORITHMS AND FACE RECOGNITION TECHNIQUES	46S_BE_0538	12-05-2023	6,000.00	Rupees Six Thousand only
42	2022-23	Mr. SHIVA PRAKASH	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560051	DEVELOPING A SYSTEM TO PREVENT ACCIDENTS FROM SLEEP DRIVING	46S_BE_0757	12-05-2023	6,000.00	Rupees Six Thousand only
43	2022-23	Mr. VEERESHA G	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560052	DESIGN AND FABRICATION OF LAKE WATER CLEANING SYSTEM	46S_BE_0849	12-05-2023	6,000.00	Rupees Six Thousand only
44	2022-23	Mr. SUJEETH SWAMI	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560053	BLUETOOTH BASED AGROBOT FOR SPRAYING PESTICIDES	46S_BE_1316	12-05-2023	5,000.00	Rupees Five Thousand only
45	2022-23	Dr. SHRIDHAR KURSE	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560054	MECHATRONICS AND DEVELOPMENT OF UNMANNED GROUND VEHICLE FOR MILLITARY PURPOSE.	46S_BE_1383	12-05-2023	6,000.00	Rupees Six Thousand only

TOTAL: Fourthy Four Lakhs Ninty One Tousand Only Rs. 44, 91, 000/-