

# New Horizon College of Engineering

## Sponsored Research Projects for the Year 2025-26

S.No	Financial Year	Name of the Faculty (Principal Investigator)	Department of Principal Investigator / Co Investigator	Name of the Funding Agency	Title of the Project	Sanctioned Order No.	Sanctioned Date	Amount Received (in Rupees)	Amount received in words
1	2025-26	Dr. MUKUL MANOHAR S	QAIE	AICTE	Three-Day Regional Mentoring Session on Innovation for Teachers and Students of PM SHRI Schools	File No: M.4198/2025-MIC-Part (9)-187	15.01.2026	18,45,000	Rupees Eighteen Lakhs Forty Five Thousand Only
2	2025-26	Dr. R J ANANDHI Dr. KALAIVANI D	ISE	IIT Ropar TIF iHub - AWaDH	IDEATHON 2.0	-	12.12.2025	1,00,000	Rupees One Lakh Only
3	2025-26	Dr. RAJESH G	ECE	IIT Ropar TIF iHub - AWaDH	IDEATHON 2.0	-	12.12.2025	1,00,000	Rupees One Lakh Only
4	2025-26	Dr. MOHAN DAS R Mr. VINOD KUMAR S	Electrical and Electronics Engineering	AICTE Training And Learning (ATAL) Academy	Digital Twin Technology and its Role in Industrial Automation	F.No.1742362795/AICTE/ATA L/2025-26	24.06.2025	3,50,000	Rupees Three Lakh Fifty Thousand Only
5	2025-26	Dr. VINOTH KUMAR K	Research and Development / Electrical and Electronics Engineering	Anusandhan National Research Foundation (ANRF), SERB	Research Potential in Power Electronics Converters for Renewable Energy	File No. SSY/2025/000557 Vide Dairy No. ANRF/F/4719/2025-26 dated 17, June 2025	06.05.2025	1,50,000	Rupees One Lakh Fifty Thousand Only
6	2025-26	Dr. KARTHIKA M	Electrical and Electronics Engineering	IEEE Sensors Council WiSe Support	Smart Sensors and IoT for electric vehicles: A Hands-on Workshop	-	07.10.2025	44,358.00	Rupees Fourty Four Thousand Three Hundred Fifty Only
7	2025-26	Dr. VINOTH KUMAR K	Research and Development / Electrical and Electronics Engineering	IEEE Power and Energy Society	High Performance Student Branch Chapter Program	-	08.09.2025	47,583.00	Rupees Fourty Five Thousand Five Hundred Eighty Three only
8	2025-26	Dr. VINOTH KUMAR K	Research and Development / Electrical and Electronics Engineering	IEEE Systems, Man, and Cybernetics Society, USA	Research Challenges in Cybernetics	-	23.08.2025	43,530.00	Rupees Fourty Three Thousand Five Hundred Thirty Eight only
9	2025-26	Dr. VINOTH KUMAR K	Research and Development / Electrical and Electronics Engineering	IEEE Industrial Electronics Society	Short Term Training Program (STTP) on Research Challenges in Advanced Power Converters for Industrial Electronics Applications	-	16.09.2025	88,000.00	Rupees Eighty Eight Thousand only
10	2025-26	Dr. JAYASHEEL KUMAR K A	MECHANICAL ENGINEERING	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	FABRICATION OF RESCUE ROVER FOR AN EMERGENCY VEHICLE UNDER ALL-TERRAIN CONDITIONS	49S_BE_7121	02.03.2026	5,500.00	Rupees Five Thousand Five Hundred only
11	2025-26	Prof. RAJESH A	MECHANICAL ENGINEERING	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	DESIGN AND DEVELOPMENT OF A WEARABLE AIR QUALITY ENVIRONMENT MONITOR	49S_BE_7131	02.03.2026	4,000.00	Rupees Four Thousand only
12	2025-26	Dr. SUJITHA S	ELECTRICAL AND ELECTRONICS ENGINEERING	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	PORTABLE, HUMAN-ENERGY CHARGER FOR RURAL AND EMERGENCY USE	49S_BE_0327	02.03.2026	5,000.00	Rupees Five Thousand only
13	2025-26	Prof. VINOD KUMAR S Dr. S SUJITHA	ELECTRICAL AND ELECTRONICS ENGINEERING	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	GENERATION OF ELECTRICITY USING SOLAR-WIND HYBRID SYSTEM TO CHARGE ELECTRIC VEHICLES WITH V2H CAPABILITY	49S_BE_0331	02.03.2026	5,000.00	Rupees Five Thousand only
14	2025-26	Mrs. SANGEETHA C N	ELECTRICAL AND ELECTRONICS ENGINEERING	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	DEVELOPMENT OF AN INTELLIGENT REAL- TIME ROUTE OPTIMISATION AND NAVIGATION SYSTEM FOR TRAFFIC MANAGEMENT	49S_BE_0441	02.03.2026	5,000.00	Rupees Five Thousand only
15	2025-26	Dr. AGALYA V	ELECTRICAL AND ELECTRONICS ENGINEERING	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	DESIGN OF NEXT GENERATION WATER ATM FOR DROUGHT AREAS	49S_BE_0587	02.03.2026	5,000.00	Rupees Five Thousand only
16	2025-26	Prof. SUNIL S K	ELECTRICAL AND ELECTRONICS ENGINEERING	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	REAL-TIME MONITORING AND PRIORITY LOAD BALANCING SYSTEM FOR ELECTRIC VEHICLE CHARGING IN THREE-PHASE DISTRIBUTION NETWORKS	49S_BE_0667	02.03.2026	4,500.00	Rupees Four Thousand Five Hundred only

17	2025-26	Dr. S. SUJITHA	ELECTRICAL AND ELECTRONICS ENGINEERING	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	AI-ASSISTED REAL-TIME ROUTER FOR INTELLIGENT ELECTRIC VEHICLE COMMUNICATION SYSTEMS	49S_BE_2886	02.03.2026	4,500.00	Rupees Four Thousand Five Hundred only
18	2025-26	Dr. ANKITA NATHUJI JEEWANKAR Mr. RAJAT B HUBBALLI	MASTER OF BUSINESS ADMINISTRATION	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	AUTOMATED SMART PESTICIDE SPRINKLING SYSTEM USING OVERHEAD TANK AND SENSOR-BASED CONTROL FOR 1 ACRE AGRICULTURAL LAND	49S_MBA_0080	02.03.2026	4,500.00	Rupees Four Thousand Five Hundred only
19	2025-26	Dr. NEELIMA RAVINDRAN K	MASTER OF BUSINESS ADMINISTRATION	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	NANO CARBON SCRUB: DEEP CLEAN, PURE POWER, ZERO TOXINS	49S_MBA_0152	02.03.2026	4,500.00	Rupees Four Thousand Five Hundred only
20	2025-26	Prof. RAJAT B HUBBALLI	INDUSTRIAL INTERNET OF THINGS	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	AI & IOT USAGE FOR DIGITAL MARKETING FOR RURAL ENTREPRENEURS	49S_MBA_0103	02.03.2026	4,000.00	Rupees Four Thousand only
21	2025-26	Dr. SONIA MARIA D'SOUZA Dr. AKSHATHA P S	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	INTELLIGENCE AQUA BOT	49S_BE_0584	02.03.2026	4,000.00	Rupees Four Thousand only
22	2025-26	Prof. THANU DEEPU GEORGE	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	REAL-TIME AI DRIVEN DEFECT DETECTION SYSTEM USING VISION AND WEIGHT SENSING FOR PLASTIC BOTTLE INSPECTION	49S_BE_0600	02.03.2026	4,000.00	Rupees Four Thousand only
23	2025-26	Dr. SONIA MARIA D'SOUZA Prof. SIVASANKARI SS	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	DESIGN AND DEVELOPMENT OF AGGRONITE FOR THE SERICULTURE TO THE THREAT AND PREDICTION ANALYSIS THROUGH MACHINE LEARNING MODELS	49S_BE_0616	02.03.2026	4,000.00	Rupees Four Thousand only
24	2025-26	Ms. P SUSHMA Dr. SONIA MARIA DSOUZA	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	REAL-TIME MULTI-SPEAKER VOICE SEPARATOR WITH LIVE TRANSCRIPTION & TRANSLATION	49S_BE_0686	02.03.2026	3,500.00	Rupees Three Thousand Five Hundred only
25	2025-26	Dr. N V UMA REDDY	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	AI-DRIVEN TRAFFIC OPTIMIZATION AND EMERGENCY RESPONSE SYSTEM	49S_BE_0786	02.03.2026	4,000.00	Rupees Four Thousand only
26	2025-26	Dr. N V UMA REDDY	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	CLEVER LEARN: AI-POWERED CONVERSATIONAL PDF ASSISTANT	49S_BE_0931	02.03.2026	3,500.00	Rupees Three Thousand Five Hundred only
27	2025-26	Dr. SOWMYA H K	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	SKYNET DEFENCE SYSTEM	49S_BE_1021	02.03.2026	4,000.00	Rupees Four Thousand only
28	2025-26	Prof. SINDHUJA R	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	OORU ALERT- A CROUDSOURCED URBAN ISSUE REPORTING SYSTEM FOR BENGALURU	49S_BE_1174	02.03.2026	3,000.00	Rupees Three Thousand only
29	2025-26	Ms. SHRAVYA SHETTY	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	PIXELCLOAK: CONCEAL SENSITIVE INFORMATION IN MEDIA FILES	49S_BE_1507	02.03.2026	3,500.00	Rupees Three Thousand Five Hundred only
30	2025-26	Dr. RAJASREE R S	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	AI-DRIVEN CROWD DENSITY ESTIMATION FOR SMART PUBLIC SAFETY MONITORING	49S_BE_1539	02.03.2026	3,500.00	Rupees Three Thousand Five Hundred only
31	2025-26	Prof. RAMYASHREE	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	AN INTELLIGENT MULTI-AGENT SYSTEM FOR PAEDIATRIC ONCOLOGY SUPPORT USING LARGE LANGUAGE MODELS	49S_BE_2281	02.03.2026	4,000.00	Rupees Four Thousand only
32	2025-26	Dr. N MITHILI DEVI Dr. V. ASHA	COMPUTER APPLICATIONS	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	GURUKUL 2.0 - ONLINE LEARNING PLATFORM	49S_MCA_0024	02.03.2026	4,500.00	Rupees Four Thousand Five Hundred only

33	2025-26	Dr. PRIYA THOMAS Dr. V ASHA	COMPUTER APPLICATIONS	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	DEVELOPING SELF-RELIANT RURAL COMMUNITIES THROUGH SUSTAINABLE LIVELIHOODS	49S_MCA_0032	02.03.2026	4,000.00	Rupees Four Thousand only
34	2025-26	Mrs. A.KALAIVANI Dr. V. ASHA	COMPUTER APPLICATIONS	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	ANIMAL-FRIENDLY BIRD REPELLENT SYSTEM	49S_MCA_0037	02.03.2026	4,500.00	Rupees Four Thousand Five Hundred only
35	2025-26	Prof. SATHYA J Dr. V. ASHA	COMPUTER APPLICATIONS	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	IOT BUOY SYSTEM FOR MONITORING AND PREDICTING POLLUTION IN URBAN LAKES	49S_MCA_0043	02.03.2026	4,500.00	Rupees Four Thousand Five Hundred only
36	2025-26	Dr. B NITHYA RAMESH Dr. V ASHA	COMPUTER APPLICATIONS	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	AN INTELLIGENT SELF-REGULATING GREEN ROOF SYSTEM FOR HEAT REDUCTION AND ENVIRONMENTAL SUSTAINABILITY	49S_MCA_0036	02.03.2026	4,500.00	Rupees Four Thousand Five Hundred only
37	2025-26	Dr. ARPANA PRASAD Dr. V ASHA	COMPUTER APPLICATIONS	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	EMPOWERING RURAL KARNATAKA'S SHGS- SAARTHIKA LOGISTICS	49S_MCA_0045	02.03.2026	4,500.00	Rupees Four Thousand Five Hundred only
38	2025-26	Dr. T KAVITHA	COMPUTER ENGINEERING	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	HEALING HANDS: YOGA MUDRA DETECTION AND CORRECTION USING AI/ML	49S_BE_0794	02.03.2026	4,500.00	Rupees Four Thousand Five Hundred only
39	2025-26	Prof. D LINCY RANJANA Prof. ROJA R	COMPUTER SCIENCE AND ENGINEERING	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	CAMPUSTALK	49S_BE_0341	02.03.2026	4,500.00	Rupees Four Thousand Five Hundred only
40	2025-26	Prof. SONALIMAHURE	COMPUTER SCIENCE AND ENGINEERING	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	VEHICLE RESCUE	49S_BE_0455	02.03.2026	4,500.00	Rupees Four Thousand Five Hundred only
41	2025-26	Mrs. SENTHIL ANANDHI A Dr. D. ROJA RAMANI	COMPUTER SCIENCE AND ENGINEERING	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	AI-POWERED SMART EDUCATIONAL ASSESSMENT AND LEARNING SYSTEM FOR PERSONALIZED EDUCATION	49S_BE_0462	02.03.2026	5,500.00	Rupees Five Thousand Five Hundred only
42	2025-26	Ms. KAVITHA K N	COMPUTER SCIENCE AND ENGINEERING	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	KANNADADA KAGUNITHA	49S_BE_0477	02.03.2026	5,000.00	Rupees Five Thousand only
43	2025-26	Dr. MARUTHU PANDI	COMPUTER SCIENCE AND ENGINEERING	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	SMARTEDUKIT: AN AI-POWERED LEARNING ASSISTANT APPLICATION FOR LEARNERS OF ALL AGES	49S_BE_0562	02.03.2026	5,500.00	Rupees Five Thousand Five Hundred only
44	2025-26	Ms. MRADULA	COMPUTER SCIENCE AND ENGINEERING	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	AUTOEVAL - AUTOMATED CONTINUOUS EVALUATION FOR STUDENTS USING GENERATED FLASHCARDS, QUIZZES AND CUMULATIVE FEEDBACK BASED ON	49S_BE_0838	02.03.2026	4,500.00	Rupees Four Thousand Five Hundred only
45	2025-26	Prof. RAHUL B Prof. SANDESH D MANOCHARYA	COMPUTER SCIENCE AND ENGINEERING	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	MINDCRAFT	49S_BE_0854	02.03.2026	4,000.00	Rupees Four Thousand only
46	2025-26	Prof. MEHDA B Dr. SONALI MAHURE JAGADISH	COMPUTER SCIENCE AND ENGINEERING	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	AUTO ASSESS: FAST AND ACCURATE GRADING PLATFORM	49S_BE_0904	02.03.2026	4,000.00	Rupees Four Thousand only
47	2025-26	Dr. FLORANCE G	COMPUTER SCIENCE AND ENGINEERING	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	WANDERWISE - PERSONALIZED ITINERARY GENERATION IN SMART TOURISM	49S_BE_1024	02.03.2026	4,000.00	Rupees Four Thousand only
48	2025-26	Ms. B.CHANNARAYA PRIYA	COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	EDU MATE: AN ALL-IN-ONE-SMART STUDENT DASHBOARD	49S_BE_2752	02.03.2026	3,500.00	Rupees Three Thousand Five Hundred only

49	2025-26	Mrs. PALLAVI NAYAK	COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	CITYSCAPE AI: SMART RESILIENT CITY PLATFORM	49S_BE_2879	02.03.2026	3,000.00	Rupees Three Thousand only	
50	2025-26	Ms. SHEFALI SHARMA	COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	MINDLOOP	49S_BE_2966	02.03.2026	4,000.00	Rupees Four Thousand only	
51	2025-26	Dr. B SWATHI	COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	PARISARA SALAHEGARA-AI POWERED ECO ADVISOR	49S_BE_3479	02.03.2026	3,500.00	Rupees Three Thousand Five Hundred only	
52	2025-26	Prof. K THAMARASELVI Prof. SRIHARSHINI DEVI KAIPA	INFORMATION SCIENCE AND ENGINEERING	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	EDUTRACK: AI BASED PERSONALIZED LEARNING THROUGH SECURE ANALYTICS QUALITY EDUCATION	49S_BE_0638	02.03.2026	3,000.00	Rupees Three Thousand only	
53	2025-26	Mrs. BHAKTI SHASHIKANTH KAMATE	INFORMATION SCIENCE AND ENGINEERING	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	IOT- ENABLED MICROPROCESSOR ASSESSMENT SYSTEM FOR PORTABLE LEARNING LABS	49S_BE_0678	02.03.2026	4,500.00	Rupees Four Thousand Five Hundred only	
54	2025-26	Prof. SHRUTHI G R	INFORMATION SCIENCE AND ENGINEERING	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	ECHOPATH - TRANSLATING VOICES, ENABLING FUTURE	49S_BE_1072	02.03.2026	4,500.00	Rupees Four Thousand Five Hundred only	
55	2025-26	Prof. RAKESH C	MECHANICAL ENGINEERING	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	DESIGN AND FABRICATION OF AN ELECTROMECHANICAL STAIR NAVIGATION AID FOR WHEELCHAIR USERS	49S_BE_4398	02.03.2026	6,000.00	Rupees Six Thousand only	
								<b>Total</b>	<b>29,65,471.00</b>	<b>Rupees Twenty Nine Lakh Sixty Five Thousand Four Hundred Seventy Seven Only</b>