

# 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. REVATHI V Dr.AGALYA V	Research and Development / Electrical and Electronics Engineering	Karnataka State Council for Science and Technology (KSCST) Bangalore	IPR Course	KSCST/IPR workshop / 85	26.05.2026	85,000	Rupees Eighty Five Thousand Only
2	2025-26	Dr. MUKTI YADAV	ECE	MSME Idea Hacıathon 5.0 under the Incubation Component of MSME Innovative Scheme GoI Assistance	Smarter Fields, resilient Futures AI Integrated IoT-Based Automated Greenhouse for Small-Scale Farmers	File No: 6(19)/Champtions Division/10th PMAC	30.03.2026	15,00,000	Rupees Fifteen Lakh Only
3	2025-26	Dr. ROJA RAMANI D	CSE	Unnat Bharat Abhiyan	Smart Resource Allocation and Monitoring System for MNREGA (Mahatma Gandhi National Rural Employment Guarantee Act) Using Machine Learning and IoT for Transparent Implementation and Fraud Mitigation	UBA/CBSEIVGS/2026/24	18.05.2026	1,00,000	Rupees One Lakh Only
4	2025-26	Dr. SONALI MAHURE	CSE	Unnat Bharat Abhiyan	An Agriculture Information system(AIS) that uses regional networking to share views and understanding among masses	UBA/RI/2026/08	18.05.2026	97,500	Rupees Ninety Seven Thousand Five Hundred Only
5	2025-26	Dr. BASWARAJU SWATHI	CSE (DS)	Unnat Bharat Abhiyan	Development of AI-Driven Adaptive Learning Platforms for Enhanced Accessibility and Contextual Relevance in Rural Education Systems	UBA/PSE/2026/10	18.05.2026	50,000	Rupees Fifty Thousand Only
6	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
7	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
8	2025-26	Dr. RAJESH G	ECE	IIT Ropar TIF iHub - AWaDH	IDEATHON 2.0	-	12.12.2025	1,00,000	Rupees One Lakh Only
9	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/ATAL/2025-26	24.06.2025	3,50,000	Rupees Three Lakh Fifty Thousand Only
10	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/E/4719/2025-26 dated 17, June 2025	06.05.2025	1,50,000	Rupees One Lakh Fifty Thousand Only
11	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
12	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
13	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
14	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
15	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
16	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

17	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
18	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
19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	2025-26	Ms. P SUSHMA Dr. SONIA MARIA D'SOUZA	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
30	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
31	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
32	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

33	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
34	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
35	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
36	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
37	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
38	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
39	2025-26	Mrs. A.KALAVANI 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
40	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
41	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
42	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
43	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
44	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
45	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
46	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
47	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
48	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

49	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
50	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
51	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
52	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
53	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
54	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
55	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
56	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
57	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
58	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
59	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
60	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>47,97,971.00</b>	<b>Rupees Forty Seven Lakh Ninety Seven Thousand Nine Hundred Seventy Seven Only</b>