

# New Horizon College of Engineering

## Sponsored Research Projects for the Year 2024-25

| S.No | Financial Year | Name of the Faculty<br>(Principal Investigator)  | Department of Principal<br>Investigator / Co Investigator               | Name of the Funding Agency                                                                                           | Title of the Project                                                                                                                                           | Sanctioned<br>Order No.                                                  | Sanctioned<br>Date | Amount<br>Received<br>(in Rupees) | Amount received in<br>words                                   |
|------|----------------|--------------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|--------------------|-----------------------------------|---------------------------------------------------------------|
| 1    | 2024-25        | Dr. REVATHI V<br>Dr. SUJIN JOSE ARUL             | Research and Development                                                | AICTE                                                                                                                | IDEA Lab                                                                                                                                                       | F.No. M/676/2025-<br>SAGB/IDEA202000020                                  | 10.02.2025         | 60,00,000.00                      | Rupees Sixty Lakhs only                                       |
| 2    | 2024-25        | Dr. AGALYA V<br>Dr. REVATHI V                    | Research and Development                                                | Ministry of Education, GOI (MOE)                                                                                     | Grant-in-Aid                                                                                                                                                   | 1333                                                                     | 13.03.2025         | 5,44,000.00                       | Rupees Five Lakhs Forty Four<br>Thousand Only                 |
| 3    | 2024-25        | Dr. SONIA MARIA D'SOUZA<br>Dr. N V UMA REDDY     | Artificial Intelligence and<br>Machine Learning                         | DST - NIDHI PRAYASS GRANT 5.0                                                                                        | Machine Learning-Driven Apiculture System<br>for Optimizing Honeybee Foraging Patterns,<br>Hive Health Monitoring, and Colony Collapse<br>Disorder Prevention" |                                                                          |                    | 10,00,000.00                      | Rupees Ten Lakhs only                                         |
| 4    | 2024-25        | Dr. VINOTH KUMAR K<br>Dr. SUJITHA S              | Research and Development /<br>Electrical and Electronics<br>Engineering | E&ICT Academy, NITW, Ministry of<br>Electronics and Information<br>Technology (Meity), GOI                           | Online Faculty Development Programme<br>(FDP) on Research Potential in Advanced<br>Power Electronics & Renewable Energy                                        | -                                                                        | 12.10.2024         | 1,00,000.00                       | Rupees One Lakh only                                          |
| 5    | 2024-25        | New Horizon College of Engineering               | Electronics and Communication<br>Engineering                            | Ministry of Education, GOI (MOE)                                                                                     | Smart India Hackathon Software Edition 2024                                                                                                                    | Innovation Cell/SIH2024-<br>25/P/552/2024-MIC/Comp.<br>11070.Software 21 | 02.12.2024         | 15,48,600.00                      | Rupees Fifteen Lakhs Forty Eight<br>Thousand Six Hundred Only |
| 6    | 2024-25        | Dr. VINOTH KUMAR K                               | Research and Development                                                | IEEE Power and Energy Society                                                                                        | High Performance Student Branch Chapter<br>Program                                                                                                             | -                                                                        | 10.10.2024         | 29,547.00                         | Rupees Twenty Nine Thousand Five<br>Hundred Forty Seven Only  |
| 7    | 2024-25        | Dr. GOPAL K<br>Dr. HEMANTH RAJU T                | Mechanical Engineering                                                  | AICTE                                                                                                                | Six Day Online Faculty Development<br>Programme                                                                                                                | F.No. AICTE/ATAL/2024                                                    | 21.11.2024         | 1,00,000.00                       | Rupees One Lakh only                                          |
| 8    | 2024-25        | Dr. VINOTH KUMAR K                               | Research and Development                                                | IEEE Industrial Electronics Society                                                                                  | Short Term Training Program (STTP) on<br>Research Challenges in Advanced Power<br>Converters for Industrial Electronics<br>Applications                        | -                                                                        | 31.07.2024         | 62,000.00                         | Rupees Sixty Two Thousand only                                |
| 9    | 2024-25        | Mrs. RAJASREE R S<br>Ms. KAVITHA U               | Artificial Intelligence and<br>Machine Learning                         | Karnataka State Council for Science<br>and Technology (KSCST), Indian<br>Institute of Science, Bangalore -<br>560012 | AI DRIVEN VIRTUAL LAB GENERATOR<br>FOR SCIENCE LABS USING NLP                                                                                                  | 48S_BE_0189                                                              | 14.03.2025         | 3,000.00                          | Rupees Three Thousand only                                    |
| 10   | 2024-25        | Dr. JIMSHA K MATHEW<br>Mrs. BINDU S              | Artificial Intelligence and<br>Machine Learning                         | Karnataka State Council for Science<br>and Technology (KSCST), Indian<br>Institute of Science, Bangalore -<br>560012 | REVOLUTIONIZING CROP HEALTH:<br>REALTIME PLANT DISEASE DIAGNOSIS<br>THROUGH DEEP LEARNING                                                                      | 48S_BE_0206                                                              | 14.03.2025         | 3,000.00                          | Rupees Three Thousand only                                    |
| 11   | 2024-25        | Mr. SYAM DEV R S<br>Prof. SANDYARANI VADLAMUDI   | Artificial Intelligence and<br>Machine Learning                         | Karnataka State Council for Science<br>and Technology (KSCST), Indian<br>Institute of Science, Bangalore -<br>560012 | AN INTEGRATED WEB APP TO<br>SIMULATE A ML/DL-BASED DECISION<br>SUPPORT SYSTEM FOR PRECISION<br>FARMING AND<br>AGRICULTURE                                      | 48S_BE_0615                                                              | 14.03.2025         | 3,000.00                          | Rupees Three Thousand only                                    |
| 12   | 2024-25        | Prof. SHRAVYA SHETTY<br>Prof. THANU DEEPU GEORGE | Artificial Intelligence and<br>Machine Learning                         | Karnataka State Council for Science<br>and Technology (KSCST), Indian<br>Institute of Science, Bangalore -<br>560012 | E-CONSULT PLUS ENHANCING<br>HEALTHCARE ACCESSIBILITY AND<br>EFFICIENCY TROUGH TELEMEDICINE                                                                     | 48S_BE_0676                                                              | 14.03.2025         | 3,000.00                          | Rupees Three Thousand only                                    |
| 13   | 2024-25        | Dr. B. MEENAKSHI<br>SUNDARAM                     | Artificial Intelligence and<br>Machine Learning                         | Karnataka State Council for Science<br>and Technology (KSCST), Indian<br>Institute of Science, Bangalore -<br>560012 | BHASHABRIDGE : SEAMLESS<br>MULTILINGUAL TRANSLATION FOR<br>INDIAN DIALECTS                                                                                     | 48S_BE_0858                                                              | 14.03.2025         | 3,500.00                          | Rupees Three Thousand Five Hundred<br>only                    |
| 14   | 2024-25        | Prof. RAMESH PRASAD R<br>Prof. K S SHASHIKALA    | Artificial Intelligence and<br>Machine Learning                         | Karnataka State Council for Science<br>and Technology (KSCST), Indian<br>Institute of Science, Bangalore -<br>560012 | DRIVER FATIGUE DETECTION USING<br>DEEP LEARNING                                                                                                                | 48S_BE_1023                                                              | 14.03.2025         | 3,500.00                          | Rupees Three Thousand Five Hundred<br>only                    |
| 15   | 2024-25        | Prof. AKSHATHA P S<br>Prof. S BINDU              | Artificial Intelligence and<br>Machine Learning                         | Karnataka State Council for Science<br>and Technology (KSCST), Indian<br>Institute of Science, Bangalore -<br>560012 | ELEVATING LIVER HEALTH CUTTING-<br>EDGE PROGNOSTIC ARCHITECTURES                                                                                               | 48S_BE_1191                                                              | 14.03.2025         | 3,500.00                          | Rupees Three Thousand Five Hundred<br>only                    |

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| 16 | 2024-25 | Prof. SUPRIYA B RAO<br>Prof. SHRAVYA SHETTY       | Artificial Intelligence and Machine Learning | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | ADVANCING UNDERWATER MONITORING AND SECURITY WITH GANS, AI AND ML                                            | 48S_BE_1604    | 14.03.2025 | 3,500.00 | Rupees Three Thousand Five Hundred only |
| 17 | 2024-25 | Mrs. RAJASHREE<br>Dr. JIMSHA K MATHEW             | Artificial Intelligence and Machine Learning | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | ENHANCED INTELLIGENT TOLL COLLECTION SYSTEM USING ADVANCED ANPR AND RFID TECHNOLOGY                          | 48S_BE_2651    | 14.03.2025 | 3,000.00 | Rupees Three Thousand only              |
| 18 | 2024-25 | Prof. THANU DEEPU GEORGE<br>Prof. BHAWANA KHOKHAR | Artificial Intelligence and Machine Learning | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | DIABETIC RETINOPATHY USING DEEP LEARNING - INTEGRATION OF CNN AND SVM MODELS                                 | 48S_BE_3125    | 14.03.2025 | 4,000.00 | Rupees Four Thousand only               |
| 19 | 2024-25 | Dr. B NITHYA RAMESH<br>Dr. ASHA V                 | MCA                                          | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | OPTIMAL CROP SELECTION THROUGH IOT AND MACHINE LEARNING INSIGHTS FROM SOIL AND GROUNDWATER DATA              | 48S_MCA_0004   | 14.03.2025 | 4,000.00 | Rupees Four Thousand only               |
| 20 | 2024-25 | Dr. N MITHILI DEVI<br>Dr. V. ASHA                 | MCA                                          | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | EMPOWERING RURAL DAIRY FARMING: MOBILE APP FOR CATTLE HERDERS                                                | 48S_MCA_0008   | 14.03.2025 | 4,000.00 | Rupees Four Thousand only               |
| 21 | 2024-25 | Mrs. DIKSHA DHIMAN<br>Dr. V ASHA                  | MCA                                          | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | DIGITAL ARKETPLACE FOR LOCAL HOMEMADE PRODUCTS WITH AI-DRIVEN MARKETING                                      | 48S_MCA_0012   | 14.03.2025 | 3,500.00 | Rupees Three Thousand Five Hundred only |
| 22 | 2024-25 | Prof. S. P. SREEJA<br>Dr. V ASHA                  | MCA                                          | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | AGRI PACT CONTRACT-BASED FARMING SUPPORT FOR EMPOWERING FARMERS WITH TOOLS AND LOANS                         | 48S_MCA_0016   | 14.03.2025 | 3,500.00 | Rupees Three Thousand Five Hundred only |
| 23 | 2024-25 | Prof. PRIYA THOMAS<br>Dr. V ASHA                  | MCA                                          | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | FARM SECURITY AND ANIMAL ENTRY DETECTION IN RURAL AREAS USING IOT AND ML- POWERED ANGULAR OBSTACLE DETECTION | 48S_MCA_0024   | 14.03.2025 | 4,000.00 | Rupees Four Thousand only               |
| 24 | 2024-25 | Prof. GOVINDARAJ M<br>Dr. V ASHA                  | MCA                                          | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | FARM-TO-MARKET DIGITAL BRIDGE                                                                                | 48S_MCA_0053   | 14.03.2025 | 4,000.00 | Rupees Four Thousand only               |
| 25 | 2024-25 | Prof. GOVINDARAJ M<br>Dr. V ASHA                  | MCA                                          | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | UNLOCKING LIVELIHOOD POTENTIAL FOR RURAL WOMEN THROUGH VOCATIONAL SKILLS                                     | 48S_MCA_0055   | 14.03.2025 | 4,500.00 | Rupees Four Thousand Five Hundred only  |
| 26 | 2024-25 | Dr. BHIMARAYA PATIL                               | Computer Engineering                         | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | INDI-TRANSLATE: INNOVATIVE TRANSLATION PLATFORM FOR MULTILINGUAL INDIA                                       | 48S_BE_4733    | 14.03.2025 | 4,500.00 | Rupees Four Thousand Five Hundred only  |
| 27 | 2024-25 | Dr. BHIMARAYA PATIL                               | Computer Engineering                         | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | IMPROVING DOCTOR-PATIENT COMMUNICATION AND APPOINTMENT SCHEDULING IN HEALTHCARE THROUGH AI BASED SOLUTIONS   | 48S_BE_5167    | 14.03.2025 | 1,000.00 | Rupees One Thousand only                |
| 28 | 2024-25 | Ms. ROJA R<br>Dr. MOHAN DAS R                     | Computer Engineering                         | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | AI BASED GAMING ENGINE USING META CHARACTERS                                                                 | 48S_BE_6327    | 14.03.2025 | 1,500.00 | Rupees One Thousand Five Hundred only   |
| 29 | 2024-25 | Ms. THANGA SUBHA<br>DEVI M                        | Computer Science and Engineering             | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | IMPLEMENTATION OF IOT-BASED SMART IRRIGATION SYSTEM FOR CLIMATE RESILIENT FARMING                            | 48S_BE_0203    | 14.03.2025 | 3,000.00 | Rupees Three Thousand only              |
| 30 | 2024-25 | Ms. LAVANYA C<br>Dr. R.J.ANANDH                   | Computer Science and Engineering             | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | EDUQUIZ: INTELLIGENT AUTOMATION FOR QUIZ CREATION                                                            | 48S_BE_0297    | 14.03.2025 | 2,000.00 | Rupees Two Thousand only                |
| 31 | 2024-25 | Dr. NIRMALA M                                     | Computer Science and Engineering             | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | WEARABLE DEVICE - STRESS AND HEALTH MONITORING                                                               | 48S_BE_0823    | 14.03.2025 | 3,000.00 | Rupees Three Thousand only              |
| 32 | 2024-25 | Dr. D. ROJA RAMANI                                | Computer Science and Engineering             | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | A FUSION OF CNN AND CUCKOO SEARCH OPTIMIZATION FOR ENHANCED ALZHEIMERS DISEASES PREDICTION                   | 48S_MTECH_0004 | 14.03.2025 | 2,000.00 | Rupees Two Thousand only                |

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| 33 | 2024-25 | Ms. SENTHIL ANANDHI                             | Computer Science and Engineering       | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | EDUCATION LOVE                                                                                                 | 48S_BE_1085 | 14.03.2025 | 2,500.00 | Rupees Two Thousand Five Hundred only   |
| 34 | 2024-25 | Ms. CHEMPAVATHY .B<br>Ms. BIBANA JENNIFER       | Computer Science and Engineering       | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | REBUILDING LIFE - THE PROMISE OF REGENERATIVE THERAPIES SYSTEM IN HEALTHCARE                                   | 48S_BE_1641 | 14.03.2025 | 2,500.00 | Rupees Two Thousand Five Hundred only   |
| 35 | 2024-25 | Mrs. YOGITA                                     | Computer Science and Engineering       | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | AR- BASED REAL TIME LANGUAGE TRANSLATION                                                                       | 48S_BE_2016 | 14.03.2025 | 2,500.00 | Rupees Two Thousand Five Hundred only   |
| 36 | 2024-25 | Ms. PARISMITA GOSWAMI                           | Computer Science and Engineering       | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | INTELLIGENT INTRAVENOUS DRIP MONITORING SYSTEM:ENHANCING ACCURACY AND REAL-TIME FEEDBACK IN HEALTHCARE         | 48S_BE_2041 | 14.03.2025 | 3,500.00 | Rupees Three Thousand Five Hundred only |
| 37 | 2024-25 | Mr. GELUVARAJ B<br>Dr. UMAMAHESHWARAN           | Computer Science and Engineering       | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | BLOCKCHAIN-BASED VOTING SYSTEM                                                                                 | 48S_BE_2138 | 14.03.2025 | 1,500.00 | Rupees One Thousand Five Hundred only   |
| 38 | 2024-25 | Dr. M DHANALAKSHMI<br>Dr. ARAVINDA K            | Computer Science and Engineering       | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | UBER AMBULANCE NEXT GENERATION SMART EMERGENCY RESPONSE PLATFORM                                               | 48S_BE_2273 | 14.03.2025 | 2,500.00 | Rupees Two Thousand Five Hundred only   |
| 39 | 2024-25 | Ms. CHITRA C<br>Ms. KAVITHA CH                  | Computer Science and Engineering       | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | HEALER'S BLEND : INTEGRATING TECHNOLOGY WITH ALLOPATHY, AYURVEDA AND HOMEOPATHY FOR A UNIFIED MEDICAL APPROACH | 48S_BE_2522 | 14.03.2025 | 2,500.00 | Rupees Two Thousand Five Hundred only   |
| 40 | 2024-25 | Mr. BHASKAR S V                                 | Computer Science and Engineering       | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | SKILLQUEST:GAMIFIED LEARNING WITH TIME CHALLENGES AND STRATEGIC HINTS                                          | 48S_BE_2654 | 14.03.2025 | 2,000.00 | Rupees Two Thousand only                |
| 41 | 2024-25 | Ms. CHEMPAVATHY B<br>Mrs. ARCHANA DAS           | Computer Science and Engineering       | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | TEACH CONNECT                                                                                                  | 48S_BE_3149 | 14.03.2025 | 2,000.00 | Rupees Two Thousand only                |
| 42 | 2024-25 | Mrs. CHEMPAVATHY B                              | Computer Science and Engineering       | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | BHAASHA VAHINI: A BRIDGE FROM SIGN LANGUAGE TO REGIONAL LANGUAGES                                              | 48S_BE_3486 | 14.03.2025 | 3,000.00 | Rupees Three Thousand only              |
| 43 | 2024-25 | Ms. VERNIKA SINGH<br>Dr. SONIA MARIA D'SOUZA    | Computer Science and Engineering       | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | PUBLIC TRANSPORT MONITORING SYSTEM                                                                             | 48S_BE_3656 | 14.03.2025 | 3,500.00 | Rupees Three Thousand Five Hundred only |
| 44 | 2024-25 | Dr. D. ROJA RAMANI<br>Dr. RAJLAKSHMI GHATKAMBLE | Computer Science and Engineering       | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | SHAHARE SHAYAK: REVOLUTIONIZING URBAN SERVICE PROVIDER HIRING WITH A CROSS-PLATFORM SOLUTION                   | 48S_BE_3728 | 14.03.2025 | 2,000.00 | Rupees Two Thousand only                |
| 45 | 2024-25 | Ms. NAYANA N KUMAR                              | Computer Science and Engineering       | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | EXAMGUARD: AI-POWERED DIGITAL IDENTITY AUTHENTICATION FOR REMOTE EXAMINATION                                   | 48S_BE_4148 | 14.03.2025 | 2,000.00 | Rupees Two Thousand only                |
| 46 | 2024-25 | Mrs. VERNIKA SINGH                              | Computer Science and Engineering       | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | OPTIMIZING BLOOD DONATION NETWORKS WITH LIFE-FLOW                                                              | 48S_BE_4149 | 14.03.2025 | 2,000.00 | Rupees Two Thousand only                |
| 47 | 2024-25 | Dr. S.SUJITHA                                   | Electrical and Electronics Engineering | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | THERAPEUTIC TREADMILL AND FOOT PEDAL FOR PHYSICALLY CHALLENGED CHILDREN                                        | 48S_BE_0742 | 14.03.2025 | 4,500.00 | Rupees Four Thousand Five Hundred only  |
| 48 | 2024-25 | Dr. S.SUJITHA                                   | Electrical and Electronics Engineering | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | RESCUE ROVER: ALL-TERRAIN EMERGENCY RESPONSE AND EXPLORATION VEHICLE                                           | 48S_BE_0920 | 14.03.2025 | 4,500.00 | Rupees Four Thousand Five Hundred only  |
| 49 | 2024-25 | Dr. S.SUJITHA                                   | Electrical and Electronics Engineering | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | DISTRIBUTOR CONTROL ALGORITHM FOR SWARM ROBOTICS IN DYNAMIC ENVIRONMENT                                        | 48S_BE_0982 | 14.03.2025 | 4,500.00 | Rupees Four Thousand Five Hundred only  |

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| 50 | 2024-25 | Dr. B. GUNAPRIYA                            | Electrical and Electronics Engineering    | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | CIRCULAR MOBILITY: SELF-REGENERATING TIRES FOR SUSTAINABLE ELECTRIC TRANSPORTATION        | 48S_BE_1603  | 14.03.2025 | 4,500.00 | Rupees Four Thousand Five Hundred only |
| 51 | 2024-25 | Ms. HAMSALEKHA R<br>Ms. RAMYASHREE P M      | Electronics and Communication Engineering | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | SMART EARTHQUAKE DETECTION WITH ESP32 AND MPU6050: REAL -TIME MONITORING AND EMAIL ALERTS | 48S_BE_0633  | 14.03.2025 | 4,000.00 | Rupees Four Thousand only              |
| 52 | 2024-25 | Ms. HAMSALEKHA R<br>Dr. D ROJA RAMANI       | Electronics and Communication Engineering | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | RAPID SENSING MECHANISM TO DETECT CHEMICALS TO PREVENT DRUGGING CRIME                     | 48S_BE_1623  | 14.03.2025 | 4,500.00 | Rupees Four Thousand Five Hundred only |
| 53 | 2024-25 | Mr. MAHENDRA S NAIK                         | Electronics and Communication Engineering | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | PROACTIVE VEHICLE SAFETY AND CONTROL SYSTEM                                               | 48S_BE_2056  | 14.03.2025 | 4,500.00 | Rupees Four Thousand Five Hundred only |
| 54 | 2024-25 | Dr. GURULAKSHMI A B<br>Dr. RAJESH G         | Electronics and Communication Engineering | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | AUTOMATIC UPPER DIPPER HEADLIGHT FOR VEHICLE IN RURAL AREA                                | 48S_BE_3214  | 14.03.2025 | 4,000.00 | Rupees Four Thousand only              |
| 55 | 2024-25 | Ms. SHIKHA RAI A                            | Electronics and Communication Engineering | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | AUTONOMOUS AI TRACTORS: OPTIMIZING HARVEST PROCESSES FOR SUSTAINABLE AGRICULTURE          | 48S_BE_3543  | 14.03.2025 | 4,500.00 | Rupees Four Thousand Five Hundred only |
| 56 | 2024-25 | Ms. BHAWNA KHOKHER<br>Dr. MAUSRI BHUYAN     | Electronics and Communication Engineering | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | DEMONSTRATING HYDROGEN FUEL CELL TECHNOLOGY FOR EDUCATIONAL PURPOSES                      | 48S_BE_3770  | 14.03.2025 | 4,500.00 | Rupees Four Thousand Five Hundred only |
| 57 | 2024-25 | Ms. RAMANAMMA PAREPALLI<br>Ms. THANU KURIAN | Electronics and Communication Engineering | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | LINGOCONNECT: REAL TIME SPEECH TRANSLATION                                                | 48S_BE_4455  | 14.03.2025 | 4,500.00 | Rupees Four Thousand Five Hundred only |
| 58 | 2024-25 | Mr. SHASIKIRAN S                            | Electronics and Communication Engineering | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | ANATOMY 3D-GUIDED RECOGNITION OF SKULL TYPES                                              | 48S_BE_5597  | 14.03.2025 | 3,000.00 | Rupees Three Thousand only             |
| 59 | 2024-25 | Mr. VINAY R                                 | Electronics and Communication Engineering | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | DESIGN OF WASTE SEGREGATION DETECTOR USING ARDUINO                                        | 48S_BE_5667  | 14.03.2025 | 4,500.00 | Rupees Four Thousand Five Hundred only |
| 60 | 2024-25 | Prof. MADHURAJ CA                           | Master of Business Administration         | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | LOW-COST GRAVITY-BASED DRIP IRRIGATION SYSTEM AND EFFICIENT WATER USE TECHNIQUE           | 48S_MBA_0054 | 14.03.2025 | 4,500.00 | Rupees Four Thousand Five Hundred only |
| 61 | 2024-25 | Ms. BIBIANA JENIFER J<br>Ms. SHRUTHI G R    | Information Science and Engineering       | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | FOGGUARD - SAFE NAVIGATION FOR LOW VISION                                                 | 48S_BE_1686  | 14.03.2025 | 4,000.00 | Rupees Four Thousand only              |
| 62 | 2024-25 | Mrs. SHALINI A<br>Mrs. SHRUTHI G R          | Information Science and Engineering       | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | WEAPON DETECTION USING DEEP LEARNING                                                      | 48S_BE_1802  | 14.03.2025 | 4,000.00 | Rupees Four Thousand only              |
| 63 | 2024-25 | Mrs. PARVATHY S<br>Dr. A. B. GURULAKSHMI    | Information Science and Engineering       | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | SMARTNAV: INTELLIGENT NAVIGATION AID FOR THE VISUALLY IMPAIRED                            | 48S_BE_3202  | 14.03.2025 | 4,500.00 | Rupees Four Thousand Five Hundred only |
| 64 | 2024-25 | Prof. SHRUTHI G R<br>Prof. A S ANITHA NAIR  | Information Science and Engineering       | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | ECO-POWER MONITOR                                                                         | 48S_BE_3624  | 14.03.2025 | 4,000.00 | Rupees Four Thousand only              |
| 65 | 2024-25 | Dr. ARVIND SHIVAPPA KAPSE                   | Information Science and Engineering       | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | VITALCARE: IMPLEMENTATION OF PERSONALIZED HEALTH MONITORING SYSTEM                        | 48S_BE_4094  | 14.03.2025 | 4,500.00 | Rupees Four Thousand Five Hundred only |
| 66 | 2024-25 | Mrs. SHUBHI SRIVASTAVA                      | Information Science and Engineering       | Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 | HOSA YUGADA RAITA -NEW AGE FARMER - SMART AND SUSTAINABLE FARMING                         | 48S_BE_4608  | 14.03.2025 | 4,500.00 | Rupees Four Thousand Five Hundred only |

|              |         |                                                      |                                      |                                                                                                                      |                                                                                                                                                       |              |            |                     |                                                                                   |
|--------------|---------|------------------------------------------------------|--------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------|---------------------|-----------------------------------------------------------------------------------|
| 67           | 2024-25 | Dr. SANJEEV SHARMA<br>Mrs. KARTHIYAYINI              | INTERDISCIPLINARY<br>(ECE & ISE)     | Karnataka State Council for Science<br>and Technology (KSCST), Indian<br>Institute of Science, Bangalore -<br>560012 | VISION ASSIST                                                                                                                                         | 48S_BE_1611  | 14.03.2025 | 5,000.00            | Rupees Five Thousand only                                                         |
| 68           | 2024-25 | Mrs. ANKITA NATHUJI JEEWANKAR<br>Mr. SHIVASHISH GOUR | Master of Business<br>Administration | Karnataka State Council for Science<br>and Technology (KSCST), Indian<br>Institute of Science, Bangalore -<br>560012 | DEVELOPMENT OF A LOW-COST<br>SENSOR AND DEEP LEARNING BASED<br>SYSTEM FOR PRECISION PESTICIDE<br>SPRAYING WITH CONTROLLED AND<br>UNIFORM DISTRIBUTION | 48S_MBA_0030 | 14.03.2025 | 4,500.00            | Rupees Four Thousand Five Hundred<br>only                                         |
| 69           | 2024-25 | Dr. PRIYAMEET Kaur KEER<br>Dr. ROSE KAVITHA          | Master of Business<br>Administration | Karnataka State Council for Science<br>and Technology (KSCST), Indian<br>Institute of Science, Bangalore -<br>560012 | FABRICATION OF COMMERCIAL-<br>PURPOSE AUTOMATED DOSA-MAKING<br>EQUIPMENT USING AI                                                                     | 48S_MBA_0032 | 14.03.2025 | 4,500.00            | Rupees Four Thousand Five Hundred<br>only                                         |
| 70           | 2024-25 | Mr. SHIVASHISH GOUR                                  | Master of Business<br>Administration | Karnataka State Council for Science<br>and Technology (KSCST), Indian<br>Institute of Science, Bangalore -<br>560012 | SHGCONNECT: A MOBILE APP TO<br>EMPOWER SELF-HELP GROUPS FOR<br>LIVELIHOOD ENHANCEMENT                                                                 | 48S_MBA_0057 | 14.03.2025 | 4,500.00            | Rupees Four Thousand Five Hundred<br>only                                         |
| 71           | 2024-25 | Prof. AISWARYA D PILLAI<br>Dr. ROSE KAVITHA          | Master of Business<br>Administration | Karnataka State Council for Science<br>and Technology (KSCST), Indian<br>Institute of Science, Bangalore -<br>560012 | IOT-BASED SMART WATER<br>CONSERVATION SYSTEM FOR<br>HOUSEHOLDS                                                                                        | 48S_MBA_0073 | 14.03.2025 | 4,500.00            | Rupees Four Thousand Five Hundred<br>only                                         |
| 72           | 2024-25 | Dr. ROSE KAVITHA<br>Prof. RAJAT B HUBBALLI           | Master of Business<br>Administration | Karnataka State Council for Science<br>and Technology (KSCST), Indian<br>Institute of Science, Bangalore -<br>560012 | DIGITAL LITERACY FOR RURAL<br>ENTREPRENEURS PROMOTING<br>FINANCIAL AND BUSINESS SKILLS                                                                | 48S_MBA_0084 | 14.03.2025 | 4,500.00            | Rupees Four Thousand Five Hundred<br>only                                         |
| <b>Total</b> |         |                                                      |                                      |                                                                                                                      |                                                                                                                                                       |              |            | <b>96,09,147.00</b> | <b>Rupees Ninety Six Lakhs Nine<br/>Thousand One Hundred Forty Seven<br/>Only</b> |