



KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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

MIDTERM EVALUATION

Date: 3 May 2025, 9.00 AM

Session Link: <https://meet.google.com/ifc-rrmb-jra>

Note: Only the below-mentioned project teams should join the session

| Sl. No. | PROPOSAL REFERENCE NO. | PROJECT TITLE | COURSE | BRANCH | NAME OF THE COLLEGE | NAME OF THE GUIDE (S) | NAME OF THE STUDENT (S) |
|---------|------------------------|---|--------|--|---|--|--|
| 1. | 48S_BE_4015 | HEART RATE MONITORING AND STRESS DETERMINING BY RPPG USING DEEP LEARNING TECHNIQUES | B.E. | ARTIFICIAL INTELLIGENCE AND DATA SCIENCE | NAVKIS COLLEGE OF ENGINEERING, HASSAN | Mr. RAGHU NANDAN R Dr. MAHANTESH C ELEMMI | Ms. ANANYA T R |
| 2. | 48S_BE_0189 | AI DRIVEN VIRTUAL LAB GENERATOR FOR SCIENCE LABS USING NLP | B.E. | ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING | NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU | Mrs. RAJASREE R S Ms. KAVITHA U | Mr. MOHAMMED FUDAIL Mr. ABHISHEK K |
| 3. | 48S_BE_0206 | REVOLUTIONIZING CROP HEALTH: REAL-TIME PLANT DISEASE DIAGNOSIS THROUGH DEEP LEARNING | B.E. | ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING | NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU | Dr. JIMSHA K MATHEW Mrs. BINDU S | Mr. ABHILASH REDDY G M Mr. NITHISH SOMANI |
| 4. | 48S_BE_0615 | AN INTEGRATED WEB APP TO SIMULATE A ML/DL-BASED DECISION SUPPORT SYSTEM FOR PRECISION FARMING AND AGRICULTURE | B.E. | ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING | NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU | Mr. SYAM DEV R S Prof. SANDYARANI VADLAMUDI | Mr. MOHAMMED AFFAN Mr. NARJIT LEISHANGTHEM Mr. MOHAMMED OWIAS Mr. VARUN CHENGAPPA M M |

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| 5. | 48S_BE_0676 | E-CONSULT PLUS ENHANCING HEALTHCARE ACCESSIBILITY AND EFFICIENCY TROUGH TELEMEDICINE | B.E. | ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING | NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU | Prof. SHRAVYA SHETTY Prof. THANU DEEPU GEORGE | Mr. AJAY KRISHNA A Mr. JAYANTH S S |
| 6. | 48S_BE_0858 | BHASHABRIDGE : SEAMLESS MULTILINGUAL TRANSLATION FOR INDIAN DIALECTS | B.E. | ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING | NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU | Dr. B. MEENAKSHI SUNDARAM | Ms. SREEJITHA R Ms. S REETHIKA PRIYA |
| 7. | 48S_BE_1023 | DRIVER FATIGUE DETECTION USING DEEP LEARNING | B.E. | ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING | NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU | Prof. RAMESH PRASAD R Prof. K S SHASHIKALA | Mr. ANVESH S RAI Mr. BHUVAN PETE L |
| 8. | 48S_BE_1191 | ELEVATING LIVER HEALTH CUTTING-EDGE PROGNOSTIC ARCHITECTURES | B.E. | ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING | NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU | Prof. AKSHATHA P S Prof. S BINDU | Mr. AMAN JAIN Mr. LOCHAN SINGH D |
| 9. | 48S_BE_1604 | ADVANCING UNDERWATER MONITORING AND SECURITY WITH GANS, AI AND ML | B.E. | ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING | NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU | Prof. SUPRIYA B RAO Prof. SHRAVYA SHETTY | Ms. MITRANI PAUL Mr. M KOUSHIK Mr. NABIL KHAN |
| 10. | 48S_BE_2651 | ENHANCED INTELLIGENT TOLL COLLECTION SYSTEM USING ADVANCED ANPR AND RFID TECHNOLOGY | B.E. | ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING | NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU | Mrs. RAJASHREE Dr. JIMSHA K MATHEW | Mr. SRAVAN O K Mr. RESHAB VASANTH |
| 11. | 48S_BE_3125 | DIABETIC RETINOPATHY USING DEEP LEARNING - INTEGRATION OF CNN AND SVM MODELS | B.E. | ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING | NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU | Prof. THANU DEEPU GEORGE Prof. BHAWANA KHOKHAR | Mr. SHOAIB JAVEED Ms. YAMINI K |
| 12. | 48S_BE_2559 | AUTOMATED DETECTION AND CLASSIFICATION OF RETINAL DISEASES | B.E. | ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING | NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU | Dr. ZABIHA KHAN | Mr. JUNAID AHMED Mr. MOHAMMED HAROON Mr. SAMIQ SHAREEF Ms. SHRAVYA |

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| 13. | 48S_BE_1607 | NUTRIINSIGHT ANALYSER | B.E. | ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING | R.V. COLLEGE OF ENGINEERING, BENGALURU | Dr. VIJAYALAKSHMI M N Dr. S ANUPAMA KUMAR | Ms. SHRISHTI Mr. SWASTIK AGARWAL |
| 14. | 48S_BE_1606 | AI BASED VIRTUAL ASSISTANT FOR VISUALLY DISABLED | B.E. | ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING | R.V. COLLEGE OF ENGINEERING, BENGALURU | Dr. S ANUPAMA KUMAR Dr. VIJAYALAKSHMI MN | Ms. SAAKSHI BAGALI Mr. T NANDHA KUMAR |
| 15. | 48S_BE_5124 | STROKEGUARD: VIDEO-BASED GEN AI FOR EARLY STROKE IDENTIFICATION AND TIMELY ASSISTANCE | B.E. | ARTIFICIAL INTELLIGENCE AND DATA SCIENCE | RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU | Dr. VANEETA M | Ms. PRACHI BHAUSAHEB PATIL Ms. PREETHI V J Ms. DEEKSHA K Ms. SHREYA S PATIL |
| 16. | 48S_BE_5007 | PATHOVISION: MULTIMODAL DEEP LEARNING FOR ADVANCING PATHOLOGY IMAGING WITH EXPLAINABLE ARTIFICIAL INTELLIGENCE | B.E. | ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING | RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU | Dr. MEERADEVI Dr. SOWMYA B J | Mr. PRATHIK BOPPUDI Ms. JANYA V Ms. NEEHA RITVIKA MANDAVA Mr. C S PARTHASARATHY |
| 17. | 48S_BE_1856 | DISTRIBUTED INTER CONNECTED AGENT FRAMEWORK FOR CODE UNDERSTANDING | B.E. | ARTIFICIAL INTELLIGENCE AND DATA SCIENCE | REVA UNIVERSITY, BENGALURU | Dr. MAYURI KUNDU | Mr. ROHAN S Mr. SANOOP A Mr. ROHITH R |
| 18. | 48S_BE_4918 | MIRACL: METADATA INDEXING AND RETREIVAL FOR AUTOMATED CONTEXT LABELLING | B.E. | ARTIFICIAL INTELLIGENCE AND DATA SCIENCE | REVA UNIVERSITY, BENGALURU | Prof. SUHASINI N | Mr. VAIBHAV SINGH CHANDEL Mr. MOHAMMED ATAULLAH RASHAT KHAN Mr. MOHAMMED THAMEEM Mr. MOHAMMED FAIZAN |
| 19. | 48S_BE_3573 | PNEUMOVIT: VISION TRANSFORMER -BASED PNEUMONIA DETECTION SYSTEM | B.E. | ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING | REVA UNIVERSITY, BENGALURU | Prof. SWIMPY PAHUJA | Mr. VINAY S Mr. SUHAS REDDY R P Mr. YASHAS M C Ms. KAVYASHREE B |

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| 20. | 48S_BE_5883 | SMART SOLUTIONS FOR SMALL-SCALE INDUSTRIES AND STARTUPS | B.E. | ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING | REVA UNIVERSITY, BENGALURU | Dr. MUTHU KUMAR B Dr. SINDHU MENON P | Mr. VIJAYA KRISHNAN V Mr. VINCENT RAJ BANDLAMUNDI Mr. VINESH U Mr. YASHAS SHETTY |
| 21. | 48S_BE_6390 | MACHINE LEARNING APPROACH FOR FORECASTING CROP YIELD PREDICTION AND FERTILIZER RECOMMENDATION | B.E. | ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING | REVA UNIVERSITY, BENGALURU | Prof. DIVYASHREE N | Ms. APURVA V NAYAK Mr. LOHITH GOWDA HP Mr. SHAAN ALI FAROOQUI Ms. SINDHU YR |
| 22. | 48S_BE_4724 | MULTI-MODAL VIRTUAL ASSISTANT WITH LLM BASED PROCESS AUTOMATION | B.E. | ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING | YENEPOYA INSTITUTE OF TECHNOLOGY, MOOBBIDRI, MANGALURU | Prof. PRASANNA KUMAR | Ms. RAKSHITHA C DEVADIGA Mr. MOHAMMED ABRAAR Mr. SHEIK MOHAMMED SUHEL Mr. MOHAMMED SHANAWAZ |
| 23. | 48S_BE_5155 | SMART AI-BASED LEGAL ADVICE | B.E. | ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING | YENEPOYA INSTITUTE OF TECHNOLOGY, MOOBBIDRI, MANGALURU | Prof. RAMYA A | Mr. MOHAMMED INSHAD ABDULLA Mr. ABHINAV R Mr. MOHAMMED NIZAMUDDIN Mr. SATHULDEV K |