

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

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47th series of Student Project Programme (SPP): 2023-24

MIDTERM EVALUATION

Date: 25 May 2024, 9.00 AM

Session Link: <https://meet.google.com/cgw-ceyo-oqq>

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. | 47S_BE_1318 | AGE INVARIANT FACE RECOGNITION SYSTEM | B.E. | ARTIFICIAL INTELLIGENCE AND DATA SCIENCE | EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU | Mrs. SHRUTHI T. V. | Mr. H. P. RUTHVIK Mr. R. C. AMITH Mr. DARSHAN M. Mr. GOUTHAM D. |
| 2. | 47S_BE_3727 | ANOMOLY DETECTION FOR VIDEO SURVEILLANCE | B.E. | ARTIFICIAL INTELLIGENCE AND DATA SCIENCE | EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU | Mrs. PRAKRUTHI G. R. | Mr. MAHIM H. M. Mr. CHIRAAG R. MISHRA Mr. MOHAMAD SHAMIL |
| 3. | 47S_BE_4822 | PREDICTION OF SILKWORM COCOON SHELL WEIGHT AND QUALITY USING MACHINE LEARNING | B.E. | ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING | G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE | Mr. PRAVEEN R. | Ms. RACHITHA A. Ms. ANKITHA R. Ms. SINCHANA H. S. |
| 4. | 47S_BE_3001 | AI-ENHANCED LEARNING PLATFORM FOR THE VISUALLY IMPAIRED | B.E. | ARTIFICIAL INTELLIGENCE AND DATA SCIENCE | GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU | Dr. ASHWINI KODIPALLI Prof. TRUPTHI RAO | Ms. VASUKIRAN V. L. Ms. ADITI P. BELLUR |
| 5. | 47S_BE_3498 | INTELLIGENT CODE REVIEW SYSTEM | B.E. | ARTIFICIAL INTELLIGENCE | GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU | Mr. ANAND PANDURANGA | Mr. SAI AKHIL M. C. Ms. SANJANA SHARMA B. S. |

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| | | | | AND DATA SCIENCE | | Mrs. TRUPTHI RAO | |
| 6. | 47S_BE_1674 | DESIGN AND DEVELOPMENT OF 3-DIMENSIONAL DIGITAL INSTRUMENT FOR ANALYZING INTERVERTEBRAL RANGE OF MOTION IN SPINAL CORD | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | K.L.E SOCIETY'S K.L.E. COLLEGE OF ENGINEERING AND TECHNOLOGY, CHIKODI | Dr. SANJAY PUJARI | Ms. SMITA MAHAVEER VAIGUDE Ms. BHAVANI CHANDRASHEKHAR BAHADDURI Ms. TEJASHWINI SUBHASH SAMBHAJI Ms. ANNAPURNA SANJAY CHAVAN |
| 7. | 47S_BE_2187 | DESIGNING A DIGITAL INSTRUMENT FOR LIMB LENGTH AND GIRTH MEASUREMENT IN HEALTHCARE AND ARM REHABILITATION FOR PHYSIOTHERAPIST | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | K.L.E SOCIETY'S K.L.E. COLLEGE OF ENGINEERING AND TECHNOLOGY, CHIKODI | Dr. SANJAY PUJARI | Ms. SHRADDHA ABHAY SANGALE Ms. AISHWARYA M. SHETTI Mr. SHIVAYOGI AMATE Mr. ANIRUDDHA PATIL |
| 8. | 47S_BE_2593 | FUTURISTIC ANIMAL HEALTH SURVEILLANCE AND TRACKING SYSTEM WITH IOT INTEGRATION | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | K.L.E SOCIETY'S K.L.E. COLLEGE OF ENGINEERING AND TECHNOLOGY, CHIKODI | Prof. PRASHANT HEBBALE | Mr. ROHAN SHIRAGOANKAR Mr. ADITYA ROKHADE Mr. OMKARESHWAR NAIK Mr. SHIVANAND AMMANAGI |
| 9. | 47S_BE_2854 | MULTIMODAL AUTHENTICATION SYSTEM | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | K.L.E. Dr. M. S. SHESHGIRI COLLEGE OF ENGINEERING AND TECHNOLOGY, BELAGAVI | Dr. ARUN S. TIGADI | Ms. NANDINI KALAL Mr. MAHAVEER RAJPUROHIT Ms. ANITA BENNI Mr. SHRINIVAS GAVADE |
| 10. | 47S_BE_3070 | DETECTION OF ARTERY, NERVES, MUSCLES AND BONES FROM RADIOLOGY IMAGES OF SKIN | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | K.L.E. Dr. M. S. SHESHGIRI COLLEGE OF ENGINEERING | Dr. SWATI M. | Mr. ADITYA KULKARNI Mr. AMAR PATIL Ms. SHREYA |

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| | | | | | AND TECHNOLOGY, BELAGAVI | | CHOUGULE Ms. ANUSHA POOJAR |
| 11. | 47S_BE_5271 | IOT BASED FIRE DETECTION SYSTEM IN INDUSTRIES | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | K.L.E. INSTITUTE OF TECHNOLOGY, HUBBALLI | Mr. PRAMOD V. RAMPUR | Ms. HANSHIKAA S. UNAKAL Mr. ATEEKAHMAD ABDULGAFAR BAGABAN Ms. AFEEFA KHADRI Mr. KISHOR S. ANANTPUR |
| 12. | 47S_BE_5291 | IOT BASED LIVESTOCK MONITORING SYSTEM | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | K.L.E. INSTITUTE OF TECHNOLOGY, HUBBALLI | Mrs. MADHU GUDGUNTI | Mr. VISHWA KATTIMATH Mr. UDAYGOUDA HIREGOUDAR Mr. VINAY P. DAMBAL Mr. VARUN D. NAIK |
| 13. | 47S_BE_1192 | ENVIRONMENT CONCIIOUS REVERSE VENDING MACHINE | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | K.L.S. GOGTE INSTITUTE OF TECHNOLOGY, UDYAMBAG, BELAGAAVI | Prof. SANTOSH KULKARNI | Mr. SHREESHAIL Mr. PRASAD BADIGER Mr. YASH LOHAR Mr. SHIVANAND NAGANURI |
| 14. | 47S_BE_1533 | COMPUTER VISION BASED HELMET TRAFFIC VIOLATION, DETECTION AND PERSON IDENTIFICATION IN SMART CITIES | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | K.L.S. GOGTE INSTITUTE OF TECHNOLOGY, UDYAMBAG, BELAGAAVI | Dr. UTTAM DESHPANDE Prof. VAIDEHI DESHPANDE | Mr. SUPREET GOUDAR Ms. SHREYA INGALE Mr. VARUN TANDUR Ms. VAISHNAVI CHARANTIMATH |
| 15. | 47S_BE_2536 | IOT BASED WATER QUALITY MONITORING SYSTEM AND ARSENIC DETECTION | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | K.L.S. GOGTE INSTITUTE OF TECHNOLOGY, UDYAMBAG, BELAGAAVI | Dr. ANUPAMA AWATI Dr. RAVIRAJ M. KULKARNI | Mr. ASHIRWAD GURAV Mr. ADHIRAJ M. ALATAGE Mr. ATHARVA NATHBUVA Mr. DHYANESHWAR MANDOLKAR |
| 16. | 47S_BE_4452 | SMART MEDICATION DISPENSER AND REMINDER USING EMBEDDED SYSTEM | B.E. | ELECTRONICS AND | K.L.S. VISHWANATHRAO DESHPANDE | Prof. NIKHIL A. KULKARNI | Mr. FAIROZ RAMAPUR Mr. CHARAN C. SHANBOG |

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| | | | | COMMUNICATION ENGINEERING | INSTITUTE OF TECHNOLOGY, HALIYAL, UTTARA KANNADA | | Mr. DHEERAJ V. KULKARNI Mr. FAYAZANWAR I. JAKATI |
| 17. | 47S_BE_4241 | AUTOMATIC WRITING AND DRAWING MACHINE | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | K.N.S. INSTITUTE OF TECHNOLOGY, BENGALURU | Prof. DAWA CHYOPHEL LEPCHA | Mr. MUZAMMIL HASSAN Mr. MUBARAK ALI |
| 18. | 47S_BE_5016 | IOT BASED NEXT GENERATION SAFETY PIN FOR WOMEN AND CHILDREN USING RASPBERRY PI | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | K.N.S. INSTITUTE OF TECHNOLOGY, BENGALURU | Prof. JABEENA BANU | Ms. CHAITANYA RATHNAM V. Ms. CHAITHRA S. |
| 19. | 47S_BE_2235 | BIONIC ARM | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | K.S. INSTITUTE OF TECHNOLOGY, BENGALURU | Mr. PRAVEEN A.Mr. B. SUDARSHAN | Ms. HIMA SWETHA Ms. B. S. HEMASHREE Ms. BHUNVESHWARI K. Ms. CHAITHRA K. |
| 20. | 47S_BE_4185 | ACCIDENT PREVENTION SYSTEM FOR RAILWAYS | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | K.S. INSTITUTE OF TECHNOLOGY, BENGALURU | Prof. SANTHOSH KUMAR B. R. | Ms. PRIYANKA M. Ms. NEHA C. R. Ms. PAVANI T. S. Ms. PUSHPA D. T. |
| 21. | 47S_BE_4605 | SMART REAL TIME DRAINAGE MONITORING SYSTEM | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | K.S. INSTITUTE OF TECHNOLOGY, BENGALURU | Dr. P. N. SUDHA | Mr. SUMUKHA S. Mr. RAHUL KRISHNAN V. Mr. TARUN PRASANNA Mr. TEJAS N. REDDY |
| 22. | 47S_BE_4703 | SMART WIRELESS EMERGENCY PENDANT | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | K.S. INSTITUTE OF TECHNOLOGY, BENGALURU | Dr. DINESH KUMAR D. S. | Ms. AFEEFA SHARIEFF Ms. ERAM FATHIMA Ms. MADIHA |
| 23. | 47S_BE_1052 | A LOW-COST THERAPEUTIC EXERCISE MACHINE FOR MECHANISED KNEE REHABILITATION | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU | Dr. K. SENTHIL BABU | Ms. TEJASHREE M. Mr. KAKARLA JASWANTH CHOWDARY Mr. ATHISH NAVEEN Mr. MOHAMMED JUNAID M GUDDAD |

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| 24. | 47S_BE_1474 | PROTOTYPE FOR SURFACE WASTE COLLECTION SYSTEM IN WATER BODIES | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU | Dr. MANU D. K. | Mr. R. PARTHIBAN Mr. M. B. HEMANTH Mr. G. BHARATH KUMAR Mr. P. SAI KETHAN CHOWDARY |
| 25. | 47S_BE_2349 | DEEP LEARNING BASED MULTI RETINAL DISEASES CLASSIFICATION | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | LINGARAJAPPA ENGINEERING COLLEGE, BIDAR | Dr. SHARANBASAPPA SHETKAR | Mr. SHRISHAIL Mr. DAYANAND |
| 26. | 47S_BE_3752 | DEVELOPMENT OF OPTIMAL DISTANCE OF CONTACTLESS POWER TRANSFER FOR DYNAMIC CHARGING SYSTEM | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | M.S. RAMAIAH UNIVERSITY OF APPLIED SCIENCES, BENGALURU | Dr. L. S. PRAVEEN Mrs. ANUSHA VADDE | Ms. PURVI KOLHAR Ms. KRUTHIKA B. S . Ms. MEGHA Ms. SINDHU V. |
| 27. | 47S_MTech_0082 | DESIGN AND DEVELOPMENT OF MOBILE ROBOT MEDICINE DELIVERY SYSTEM FOR THE GENERAL WARD OF THE GOVERNMENT HOSPITALS | M.Tech | ROBOTICS AND AUTOMATION | M.S. RAMAIAH UNIVERSITY OF APPLIED SCIENCES, BENGALURU | Dr. SURESH R. | Mr. RAKESHA SHARMA C. R. Mr. RAHUL G. Mr. JAGADEESH R. S. Ms. PRIYA V. |