

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

Website: [www.kscst.org.in](http://www.kscst.org.in) || Email: [spp@kscst.org.in](mailto:spp@kscst.org.in) || Tel: 080-2334 1652,2334 8848/49/40

## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### MIDTERM EVALUATION

Date: 25 May 2024, 1.30 PM

Session Link: <https://meet.google.com/iec-ttxi-stw>

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_0381            | NAARI SHAKTHI - EMPOWERING RURAL COMMUNITIES WITH AI POWERED SOLUTIONS FOR SANITARY HEALTH           | B.E.   | COMPUTER SCIENCE AND ENGINEERING | EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU | Dr. MOHAN B. R.        | Ms. HARSHITHA N.<br>Mr. JAYADEEP G.<br>Ms. JEEVITHA Y. D.<br>Mr. KARTHIK J.      |
| 2.      | 47S_BE_0409            | RAILSAFE: ADVANCING RAILWAY SAFETY THROUGH AUTOMATED GATE CONTROL, SMOKE DETECTION AND AIRBAG SYSTEM | B.E.   | COMPUTER SCIENCE AND ENGINEERING | EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU | Dr. ACHYUTHA PRASAD N. | Ms. PRIYA S.<br>Ms. PRIYA R.<br>Ms. PREKSHA C.<br>Ms. PAVITHRA M. R.             |
| 3.      | 47S_BE_0415            | ADVANCED IOT SOLUTIONS TO MONITOR UNDERPASS WATER LOGGING  | B.E.   | COMPUTER SCIENCE AND ENGINEERING | EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU | Dr. VIDYA E. V.        | Mr. VIMUKTHI B. V.<br>Mr. JEEVAN MUDDAJJI<br>Mr. JYOTHI PRAKASH P.<br>Mr. KARTIK |
| 4.      | 47S_BE_0531            | IOT BASED RAILWAY TRACK FAULTS AND DISASTER DETECTION, CHECKING FOR PLATFORM AVAILABILITY            | B.E.   | COMPUTER SCIENCE AND ENGINEERING | EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU | Prof. SHASHIKALA A. B. | Ms. HARSHITHA M. B.<br>Ms. SHEETAL<br>Ms. SINDHU T.<br>Ms. SONU M. K.            |
| 5.      | 47S_BE_0533            | SECURED DATA TRANSFER WITH ADVANCED ENCRYPTION AND DECRYPTION PROCEDURE                              | B.E.   | COMPUTER SCIENCE AND ENGINEERING | EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU | Prof. SHWETHA N.       | Ms. BHUMIKA M.<br>Ms. HARSHITHA F.   |

|     |             |  |      |                                     |  |                                      |  |
|-----|-------------|--|------|-------------------------------------|--|--------------------------------------|--|
| 6.  | 47S_BE_2831 | PARKING SYSTEM USING IMAGE PROCESSING  | B.E. | COMPUTER SCIENCE AND ENGINEERING    | EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU | Dr. USHA B. S.                       | Mr. PAVAN KUMAR M.<br>Mr. GAURAV S.<br>Mr. PUNYESH B. N.<br>Mr. RIKITH THAMMAIAH T. K.     |
| 7.  | 47S_BE_1184 | MANHOLE DETECTION AND MONITORING SYSTEM FOR SAFE AND CLEAN SOCIETY               | B.E. | INFORMATION SCIENCE AND ENGINEERING | EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU | Prof. SHRUTHI T. V.                  | Mr. PRAJWAL KUMAR M. T.<br>Mr. MADHUKESHWAR HEGDE<br>Mr. ARUN HEGDE                        |
| 8.  | 47S_BE_1263 | DEEPFAKE VIDEO DETECTION   | B.E. | INFORMATION SCIENCE AND ENGINEERING | EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU | Dr. SURESH M. B.                     | Mr. LIKHITH P.<br>Mr. ABHISHEK T. N.<br>Mr. CHETHAN GOWDA R.<br>Mr. DINESH N.              |
| 9.  | 47S_BE_1371 | INTELLIGENT AMBULANCE  | B.E. | INFORMATION SCIENCE AND ENGINEERING | EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU | Ms. K. S. SMITHA                     | Mr. NIKHIL H. L.<br>Ms. BHUMIKA G. V.<br>Ms. ROSHINI N.<br>POOJARY<br>Mr. SHANKAR M. HEGDE |
| 10. | 47S_BE_5113 | DUAL AXIS SUNFLOWER SOLAR TRACKING SYSTEM WITH AUTOMATIC STREET LIGHT CONTROL    | B.E. | INFORMATION SCIENCE AND ENGINEERING | EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU | Mr. HEMANTH KUMAR K.                 | Ms. ARCHANA G. T.<br>Ms. CHAITHRA H. C.<br>Ms. DHANUSHREE K. N.<br>Ms. LAVANYA S.          |
| 11. | 47S_BE_2929 | BOTANICVISION: REVEALING THE SECRETS OF MEDICINAL PLANT THROUGH IMAGE PROCESSING | B.E. | COMPUTER SCIENCE AND ENGINEERING    | G. MADEGOWDA INSTITUTE OF TECHNOLOGY, MADDUR | Mrs. PADMAVATI K.<br>Ms. SUSHEELA N. | Ms. MADHUSHREE D. N.<br>Ms. NISARGA N. L.<br>Ms. SHREYA R. PISSAY<br>Ms. SIRI R. PISSAY    |
| 12. | 47S_BE_2900 | ECO-CHARGE: EMPOWERING HOMES FOR SUSTAINABLE MOBILITY                            | B.E. | COMPUTER SCIENCE AND ENGINEERING    | G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE     | Mrs. NAYANA K.                       | Mr. VARUN S. PATIL<br>Mr. SANDESH C. S.<br>Mr. SHREE HARSHA B. K.<br>Mr. TUSHAR B. R.      |

|     |             |   |      |                                     |  |                     |   |
|-----|-------------|---|------|-------------------------------------|--|---------------------|---|
| 13. | 47S_BE_3414 | EDU AR: AUGMENTED REALITY ENHANCED E-LEARNING APPLICATION FOR KIDS WITH DOWN SYNDROME               | B.E. | COMPUTER SCIENCE AND ENGINEERING    | G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE                           | Mrs. NAYANA K.      | Ms. DISHA M. J.<br>Ms. CHANDANA S.<br>RAMANAHALLI<br>Mr. ADITHYA R.<br>KASHYAP<br>Mr. ADITYA U. PAI |
| 14. | 47S_BE_2671 | EAZYEYES: AN EFFICIENT EYE TYPING APPLICATION   | B.E. | INFORMATION SCIENCE AND ENGINEERING | G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE                           | Dr. NEELAMBIKE S.   | Ms. DEVIKA M.<br>Ms. DYAMALAMBA C.<br>Ms. HEMASHREE C. H.<br>Ms. SANJANA R.                         |
| 15. | 47S_BE_3693 | MACHINE LEARNING METHODS FOR NETWORK INTRUSION DETECTION  | B.E. | INFORMATION SCIENCE AND ENGINEERING | G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE                           | Mr. FIROZ KHAN      | Mr. VEERESHA T. R.<br>Mr. ADARSH D. C.<br>Mr. DEEPAK BABA H. M.<br>Mr. NANDISH M. K.                |
| 16. | 47S_BE_3705 | PRESCRIBOCARE (MEDICAL PRESCRIPTION RECOGNITION MODEL USING ML)                                     | B.E. | INFORMATION SCIENCE AND ENGINEERING | G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE                           | Mrs. NASREEN TAJ MB | Ms. RIZA FATHIMA<br>Mr. ASRAR S. B.<br>Mr. ARSHAD KHAN<br>Mr. SUMANTH M.                            |
| 17. | 47S_BE_0977 | EDUWHIZ - AN IOT BASED CHATBOT  | B.E. | COMPUTER SCIENCE AND ENGINEERING    | G.S.S.S. INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, MYSURU | Mrs. ASHA RANI M.   | Ms. BHAVAANI K.<br>Ms. AASHREETHA L.<br>Ms. BHUVANESHWARI P. N.<br>Ms. GUNAMADHU N.                 |
| 18. | 47S_BE_0985 | DRONOBOT REPORTER USING ETHERNET-LESS HAM RADIO SSTV  | B.E. | COMPUTER SCIENCE AND ENGINEERING    | G.S.S.S. INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, MYSURU | Dr. RAVIRAJ P.      | Ms. AKSHATHA G. S.<br>Ms. BINDYA ANTONY<br>Ms. CHARISHMA C.<br>Ms. DEEPIKA B. N.                    |
| 19. | 47S_BE_1436 | TALKHANDS: COMMUNICATING WITH THE SILENCED USING A MACHINE LEARNING POWERED SIGN LANGUAGE CONVERTER | B.E. | INFORMATION SCIENCE AND ENGINEERING | G.S.S.S. INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, MYSURU | Mr. ANAND M.        | Ms. SAMIKSHA D. PATIL<br>Ms. BHOOMIKA H. D.<br>Ms. KARUNYA M. SIDDI<br>Ms. YASHASWINI M.            |
| 20. | 47S_BE_1581 | IOT BASED FISH FEEDING AND MONITORING SYSTEM  | B.E. | INFORMATION SCIENCE AND ENGINEERING | G.S.S.S. INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, MYSURU | Mrs. CHAYA P.       | Ms. SOWNDARYA S.<br>Ms. DHANUSHREE V.<br>Ms. DHANYATHA S. R.<br>Ms. DISHA S.                        |