



# 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

## 49<sup>th</sup> series of Student Project Programme (SPP): 2025-26

### MIDTERM EVALUATION

Date: **18 April 2026, 1.30 PM**

Session Link: <https://meet.google.com/eht-uspi-evs>

**Note:**

- **Only the below-mentioned project teams should join the session**
- Project evaluations will be conducted in the order listed below. Each presentation/demonstration will last approximately **8-10 minutes**, followed by **2-3 minutes for a Q&A session**.
- If a project team is absent when called, the next project in the sequence will be invited to present. Therefore, all concerned students must join the meeting and be **available at least 30 minutes prior to their scheduled time** for project interaction.
- A lunch break will be announced by the evaluator during the afternoon session. Teams are advised to plan accordingly and manage their time to ensure smooth participation.
- **Requests for postponement of project evaluations will not be entertained.** If a project team is absent, it will be considered as **not completed / not having taken up the project**, and the institution will be informed to **refund the sanctioned amount**.
- Projects selected for the Annual State-Level Poster Presentation and Exhibition will be held in July 2026. The selected projects will be announced in **May 2026**, after completion of the evaluation process.

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE COLLEGE	NAME OF THE GUIDE (S)	NAME OF THE STUDENT (S)
1.	49S_BE_1810	AI BASED ACOUSTIC WAVE MONITORING OF RAIL DEFECTS LIKE CRACKS, FRACTURE AND PREDICTION FOR RAIL WEAR, QUALITY ALONG WITH OTHER PARAMETER	B.E.	COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)	GURU NANAK DEV ENGINEERING COLLEGE, BIDAR	Prof. SYED SAQLAIN AHMED	Ms. ISHITA KUMARI Mr. B SANTOSH KUMAR Mr. SAIRAM Ms. SNEHA. D
2.	49S_BE_1234	SMART CRADLE SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	GURU NANAK DEV ENGINEERING COLLEGE, BIDAR	Prof. V.S.PADMINI Prof. GURU PRASAD	Ms. VASUDHA Ms. SHIVMANGALA Ms. VAISHNAVI Mr. PRIYAJEET

3.	49S_BE_1189	ZERO TRUST AUTHENTICATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	GURU NANAK DEV ENGINEERING COLLEGE, BIDAR	Prof. ASHA	Ms. BARIYA ANJUM FATIMA Ms. NOOR UL HUDA Ms. JUVERIA AFREEN Ms. IQRA NAAZNEEN
4.	49S_BE_1195	CUSTOMER SUPPORT TICKET CLASSIFICATION POWERED BY LOGISTIC REGRESSION	B.E.	COMPUTER SCIENCE AND ENGINEERING	GURU NANAK DEV ENGINEERING COLLEGE, BIDAR	Prof. SANDEEP IDDALGAVE	Mr. GANESH Mr. ADVAITH DESHMUKH Mr. IRFAN Mr. MIHIR SHUKLA
5.	49S_BE_1203	FOOD SPOILAGE PREDICTION AND FORECASTING USING DATA ANALYTICS	B.E.	COMPUTER SCIENCE AND ENGINEERING	GURU NANAK DEV ENGINEERING COLLEGE, BIDAR	Dr. NAGNATH BIRADAR	Mr. HARPREET SINGH HUNDAL Mr. JUSTUS Mr. MD AQUEEL RAZA Mr. HANOK
6.	49S_BE_1207	DORMLINK-BRIDGING HOSTEL LIFE	B.E.	COMPUTER SCIENCE AND ENGINEERING	GURU NANAK DEV ENGINEERING COLLEGE, BIDAR	Dr. ANURADHA ANNIGERI	Mr. VENKATESH Mr. SANDEEP Mr. VINAY
7.	49S_BE_1225	PURIFIX H2O : AN INTELLIGENT IOT BASED SYSTEM FOR WATER PURITY DETECTION	B.E.	COMPUTER SCIENCE AND ENGINEERING	GURU NANAK DEV ENGINEERING COLLEGE, BIDAR	Prof. GURURAJ SURAMPALLI	Mr. MOHAMMED ANAS JABIR ALI Mr. MOHAMMED KHAN ZUBAIR Mr. KALYANI MD FAIZAN Mr. SHAIK DANISH TAMEEM
8.	49S_BE_1227	IOT-BASED SMART HELMET FOR COAL MINING TRACKING	B.E.	COMPUTER SCIENCE AND ENGINEERING	GURU NANAK DEV ENGINEERING COLLEGE, BIDAR	Prof. V.S.PADMINI	Mr. MOHD AMJAD ALI Mr. SHAIK YAHYA Mr. AREEB AMAN
9.	49S_BE_1363	SMART VILLAGE AIR QUALITY MONITORING AND INDUSTRIAL POLLUTION TRACKING SYSTEM USING IOT, MERN, ESP32	B.E.	INFORMATION SCIENCE AND ENGINEERING	GURU NANAK DEV ENGINEERING COLLEGE, BIDAR	Dr. MASRATH BEGUM	Ms. SHREYA Ms. SHRUTI TANDALE Ms. SNEHA Ms. MEGHA
10.	49S_BE_1545	CHATGROQ SQL: CONVERSATIONAL MYSQL INTERFACE USING LLMS, K-NN RETRIEVAL AND BEAM DECODING	B.E.	INFORMATION SCIENCE AND ENGINEERING	GURU NANAK DEV ENGINEERING COLLEGE, BIDAR	Prof. SHILPA T	Mr. SARBJOT SINGH Mr. MOHAMMAD SAKIB SHAIK Mr. SHAIK NIZAMUDDIN SUFIYAN Mr. SYED SAQEEF HUSSAIN

11.	49S_MSC_0246	A CONTEXT-AWARE HYBRID AI FRAMEWOK FOR CLOUD LOGIN ANAMOLY DETECTION AND AUTOMATED RESPONSE	M.Sc	COMPUTER SCIENCE (CYBERSECUTIRY)	J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU	Dr. PRASANNA B.T	Mr. ADI VARDHARAJ
12.	49S_BE_4425	LIVECAP REAL-TIME PACKET SNIFFER	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	NAVKIS COLLEGE OF ENGINEERING, HASSAN	Dr. SATHISHA M S	Mr. ABHISHEK DEVARAJ BHANGI Ms. HARSHITHA B G Mr. ROHITH A M Mr. S L NIVAS
13.	49S_BE_4686	AI-POWERED TRAFFIC SURVEILLANCE AND MANAGEMENT SYSTEM	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	NAVKIS COLLEGE OF ENGINEERING, HASSAN	Mr. DINESH S	Ms. THANUSHREE M V Ms. BHOOMIKA A L Ms. YASHASWINI B R Ms. HARSHITHA M
14.	49S_BE_7047	SIGN LANGUAGE DETECTION USING DEEP LEARNING	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	NAVKIS COLLEGE OF ENGINEERING, HASSAN	Mr. DINESH S	Ms. SADAF FATHIMA Ms. SINCHANA ALPHONSE Ms. UMME ROOMAAN Mr. DHANUSH GOWDA M.M
15.	49S_BE_0584	INTELLIGENCE AQUA BOT	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Dr. SONIA MARIA D'SOUZA Dr. AKSHATHA P S	Mr. P BALASUBRAMANIAN Mr. PACHIPALA NAGENDRA REDDY Mr. PARIVARTHAN REDDY M Ms. PRAGATHI K A
16.	49S_BE_0600	REAL-TIME AI DRIVEN DEFECT DETECTION SYSTEM USING VISION AND WEIGHT SENSING FOR PLASTIC BOTTLE INSPECTION	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Prof. THANU DEEPU GEORGE	Mr. RONIT RATURI Ms. SAMMETA DHARMIKA Ms. PUTLUR PRANISREE Ms. P.SHAINY
17.	49S_BE_0616	DESIGN AND DEVELOPMENT OF AGGRONITE FOR THE SERICULTURE TO THE THREAT AND PREDICTION ANALYSIS THROUGH MACHINE LEARNING MODELS	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Dr. SONIA MARIA D'SOUZA Prof. SIVASANKARI SS	Mr. RICKY Mr. TANISH.M.SANGHVI Ms. SHIVANI RAJKUMAR Mr. G M PRAVEEN KUMAR
18.	49S_BE_0686	REAL-TIME MULTI-SPEAKER VOICE SEPARATOR WITH LIVE TRANSCRIPTION & TRANSLATION	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Ms. P SUSHMA Dr. SONIA MARIA DSOUZA	Mr. SHASHIDHAR R Mr. V.RANJITH Mr. KOUSHIK Mr. CHARAN M

19.	49S_BE_0786	AI-DRIVEN TRAFFIC OPTIMIZATION AND EMERGENCY RESPONSE SYSTEM	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Dr. N V UMA REDDY	Ms. PRIYA DARSHINI T Ms. NEHA T M Mr. RITHUN C Ms. S MOKSHITHA
20.	49S_BE_0931	CLEVER LEARN: AI-POWERED CONVERSATIONAL PDF ASSISTANT	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Dr. N V UMA REDDY	Ms. SALONI JANGID Ms. DEEKSHITHA D GANIGA Ms. HARSHITHA P SHETTY Mr. SUYASH GANESH PATIL
21.	49S_BE_1021	SKYNET DEFENCE SYSTEM	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Dr. SOWMYA H K	Mr. NANDADEEP YADAV Mr. RIZUANUL HAQUE RIZU Mr. KEVIN JOSEPH C M
22.	49S_BE_1174	OORU ALERT- A CROUDSOURCED URBAN ISSUE REPORTING SYSTEM FOR BENGALURU	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Prof. SINDHUJA R	Ms. ASHWINI PRASATHKANNAN
23.	49S_BE_1507	PIXELCLOAK: CONCEAL SENSITIVE INFORMATION IN MEDIA FILES	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Ms. SHRAVYA SHETTY	Ms. SADIYA MEHNAZ Ms. VINAYA S M Ms. TASHU L Ms. SIREESHA K S
24.	49S_BE_1539	AI-DRIVEN CROWD DENSITY ESTIMATION FOR SMART PUBLIC SAFETY MONITORING	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Dr. RAJASREE R S	Mr. MOHAMMED AYAAN KHAN Mr. MOHAMMED AMEEN Mr. SADAAD MOHAMMAD BABA Mr. SALIM JAVID BABA
25.	49S_BE_2281	AN INTELLIGENT MULTI-AGENT SYSTEM FOR PAEDIATRIC ONCOLOGY SUPPORT USING LARGE LANGUAGE MODELS	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Prof. RAMYASHREE	Ms. RAJALAKSHMI R Ms. SONAL SHIRKE Mr. KIRUTHIK.J