



# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

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

### MIDTERM EVALUATION

**Date: 12 April 2026, 9.30 AM**

**Session Link:** <https://meet.google.com/qfx-qecb-ciy>

**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_0193	A NOVEL MULTIMODAL TECHNIQUE TO ENHANCE THE ANALYSIS OF MATH VISUALIZATION GENERATOR USING LLM AND TRANSFORMERS	B.E.	COMPUTER SCIENCE AND ENGINEERING	H.K.B.K. COLLEGE OF ENGINEERING, BENGALURU	Dr. SHARADA K A	Mr. MOHAMMED MASOOD Mr. MOHAMMED MUMMAYIZ Mr. SAARIM KHAN
2.	49S_BE_0381	MULTI-RETINAL DISEASE CLASSIFICATION USING CNN AND DEPP LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	H.K.B.K. COLLEGE OF ENGINEERING, BENGALURU	Prof. KAVITHA S	Mr. P RAJESH Mr. NAGESH MAKANAPUR Mr. MANOJ M H G Mr. MOHAN KUMAR H S

3.	49S_BE_0604	DIABETIC RETINOPATHY DETECTION USING DEEP LEARNING MODELS AND EXPLAINABLE ARTIFICIAL INTELLIGENCE	B.E.	COMPUTER SCIENCE AND ENGINEERING	H.K.B.K. COLLEGE OF ENGINEERING, BENGALURU	Prof. MINAL KHANDARE	Mr. AKSHAY B M Ms. ANANYA N R Ms. ANUSHA A K Ms. APEKSHA J N
4.	49S_BE_5896	CROP YIELD PREDICTION USING DEEP LEARNING AND REMOTE SENSING TECHNIQUES	B.E.	COMPUTER SCIENCE AND ENGINEERING	H.K.B.K. COLLEGE OF ENGINEERING, BENGALURU	Prof. KHALLIKKUNAI SA	Mr. SURESH DATT JOSHI Mr. V TILAK TEJA Mr. SWARAN RAJ E S Mr. THARUN R
5.	49S_BE_6546	RINA - RESPONSIVE INTERPRETER FOR NON-VERBAL ASSISTANCE (BASED ON INDIAN SIGN LANGUAGE)	B.E.	COMPUTER SCIENCE AND ENGINEERING	H.K.E SOCIETY'S SIR M. VISVESVARAYA COLLEGE OF ENGINEERING, RAICHUR	Dr. R K ASHWIN	Ms. SNEHALATHA Ms. SHREELATHA G Ms. SPOORTHI Ms. V KAVYA
6.	49S_BE_1666	CREDIT CARD FRAUD DETECTION USING MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	HIRASUGAR INSTITUTE OF TECHNOLOGY, BELAGAVI	Prof. SHRUTI KUMBAR	Ms. BHAGYASHRI PUJERI Ms. GEETA CHAVAN Mr. PRAMOD PARIT Mr. PRASHANT VHANAKHANDE
7.	49S_BE_1905	PLANT SPECIES IDENTIFICATION BASED ON PLANT LEAF USING MACHINE LEARNING TECHNIQUES	B.E.	COMPUTER SCIENCE AND ENGINEERING	HIRASUGAR INSTITUTE OF TECHNOLOGY, BELAGAVI	Prof. SUNITA K	Mr. BASAVARAJ MALLESH BASTAWADI Mr. ANIL M MAGADUM Mr. AKSHAY NEMINATH HARUGERI Mr. NIKHIL RAVINDRA YASHAWANT
8.	49S_BE_1908	AI BASED SMART PARKING SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	HIRASUGAR INSTITUTE OF TECHNOLOGY, BELAGAVI	Prof. SHRUTI KUMBAR	Mr. RAVINDRA SUDARSHAN AKKOLE Mr. VIVEK NAGARE Mr. VAIBHAV POWAR Mr. VISHAL PATIL
9.	49S_BE_2018	AI BASED EYE TRACKING SYSTEM FOR PARALYZED PATIENTS	B.E.	COMPUTER SCIENCE AND ENGINEERING	HIRASUGAR INSTITUTE OF TECHNOLOGY, BELAGAVI	Dr. S. V. MANJARAGI	Ms. ANJALI M GOTURI Ms. BINDU TALAWAR Ms. MOULYA MAJAGI Mr. KRUTARTHA U BAJIKAR
10.	49S_BE_1944	A MOTHER'S HOPE, A DAUGHTER'S FUTURE: AI FOR OVARIAN CANCER	B.E.	COMPUTER SCIENCE AND ENGINEERING	J.S.S. ACADEMY OF TECHNICAL EDUCATION, BENGALURU	Mrs. SNEHALATHA N	Ms. ANNAPOORNA V Ms. DIVYA N Ms. H KHUSHI

11.	49S_BE_2476	WEB BASED LLVM COMPILER STUDIO USING C/C++	B.E.	COMPUTER SCIENCE AND ENGINEERING	J.S.S. ACADEMY OF TECHNICAL EDUCATION, BENGALURU	Dr. PRADEEP H K	Mr. AJITH KUMAR MS Mr. GOWTHAM U Mr. HARSH ANAND Mr. JOCELYN ADRIAN PARSONS
12.	49S_BE_3488	INTRUSION DETECTION SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	J.S.S. ACADEMY OF TECHNICAL EDUCATION, BENGALURU	Dr. NIRANJAN C KUNDUR	Ms. KHUSHI GOWDA Ms. NISCHITHA B D Mr. PRATEET S P Ms. RAKSHITHA S
13.	49S_BE_2660	AI INTEGRATED SMART HEALTH CARE MONITORING SYSTEM FOR IMMOBILE PATIENTS	B.E.	INFORMATION SCIENCE AND ENGINEERING	J.S.S. ACADEMY OF TECHNICAL EDUCATION, BENGALURU	Mrs. MAMATHA G	Ms. B Y RAKSHITHA Ms. AMITHA Y Ms. AMULYA Y J Ms. GAURI S
14.	49S_BE_3559	ENHANCED MULTIMODAL FUSION FRAMEWORK FOR ROBUST DEPRESSION DETECTION USING SPEECH, FACIAL DYNAMICS AND TEXTUAL CUES	B.E.	INFORMATION SCIENCE AND ENGINEERING	J.S.S. ACADEMY OF TECHNICAL EDUCATION, BENGALURU	Dr. BASAMMA UMESH PATIL	Mr. PREETHAM T R Mr. PRADEEP KUMAR T U Mr. NAVEEN A C Mr. RAHUL M PUJAR
15.	49S_BE_4990	CONFLICT AVOIDANCE AND LANDSLIDE UPDATE FOR VEHICLES IN DEEP CURVES	B.E.	INFORMATION SCIENCE AND ENGINEERING	J.S.S. ACADEMY OF TECHNICAL EDUCATION, BENGALURU	Dr. BASAMMA UMESH PATIL	Mr. VISHWAS HIREMATH Mr. UJWAL HM Ms. TEJASHREE Ms. SIYANA R
16.	49S_BE_5813	UNIFIED AI LEARNING ECOSYSTEM FOR COLLABORATIVE AND PERSONALIZED EDUCATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU	Dr. PRIYANKA D	Ms. PREKSHA N R Mr. SURAJ S G DHANVA Ms. DHARSHINI M Ms. BHOMIKA K S
17.	49S_BE_1817	HYDRAULIC-ELECTRICAL ENERGY RECOVERY AND PROPULSION SYSTEM USING SUPERCAPACITOR FOR HYBRID CARS	B.E.	MECHANICAL ENGINEERING	JAIN (DEEMED-TO-BE UNIVERSITY), BENGALURU SOUTH	Dr. I KANTHARAJ	Mr. VISHAAL GANESH Mr. PRASHANT CHODANKAR Mr. AHMED RABIE AHMED ABDELWAHAB
18.	49S_BE_4011	SIGN LANGUAGE RECOGNITION SYSTEM USING MEDIAPIPE AND FIREBASE	B.E.	COMPUTER SCIENCE AND ENGINEERING	JAIN COLLEGE OF ENGINEERING AND TECHNOLOGY, HUBBALLI	Prof. AMRUTA PATTAN Prof. POOJA SATAPUTE	Mr. DEEPAK V Mr. HARISHWAR F SALIMATH Mr. K VISHWAS Mr. VADIRAJA JOSHI

19.	49S_BE_3338	VOTEX: AI-ENHANCED NEXT GEN BLOCKCHAIN VOTING WITH MULTIMODAL AUTHENTICATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	JAIN INSTITUTE OF TECHNOLOGY, DAVANAGERE	Prof. PRIYANKA G V Prof. BABU SAB	Ms. SAVITA P N Ms. APOORVA MALLAPPA JAMPANNANAVAR Ms. SINCHANA G S Ms. SINDU M M
20.	49S_BE_5351	REAL-TIME DRIVER DROWSINESS AND DISTRACTION DETECTION WITH LIVE MONITORING AND EMERGENCY ALERT SYSTEM	B.E.	INFORMATION SCIENCE AND ENGINEERING	JAIN INSTITUTE OF TECHNOLOGY, DAVANAGERE	Dr. MEGHANA.G.R Dr. H S SARASWATHI	Ms. SRUSHTI M H Ms. SNEHA M H Ms. TANUJA P S
21.	49S_BE_7046	AI ASSISTANT HEALTHCARE MANAGEMENT	B.E.	INFORMATION SCIENCE AND ENGINEERING	JAIN INSTITUTE OF TECHNOLOGY, DAVANAGERE	Dr. H S SARASWATHI Dr. MEGHANA G R	Ms. NETHRA A G Ms. SANIYA R Ms. KEERTHI S K Ms. EDIGARA ANUSHA
22.	49S_BE_2642	TRAFFIC EYE:- AI-POWERED TRAFFIC RULES VIOLATION DETECTION AND MANAGEMENT	B.E.	COMPUTER SCIENCE AND ENGINEERING	JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING, SHIVAMOGGA	Mr. SATHYANARAYANA S Dr. CHETHAN S G	Ms. BHAVANA B M Ms. BHAVANA M K Ms. G N NISARGA Ms. HARSHITHA S
23.	49S_BE_2952	AGROBOT: AN ML-BASED AUTONOMOUS SYSTEM FOR TREE HEALTH MONITORING AND TARGETED PESTICIDE SPRAYING IN ARECANUT PLANTATION	B.E.	INFORMATION SCIENCE AND ENGINEERING	JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING, SHIVAMOGGA	Mr. AKSHAY M J Mr. PAVAN M	Ms. BHARATHI UDUPA C Mr. ADITYA NAAG H Mr. ABHISHEK P K Mr. AKSHAY C M
24.	49S_BE_3222	DIGITAL EYEWITNESS: AUTOMATING CRIMINAL IDENTIFICATION FROM HAND-DRAWN SKETCHES USING GENERATIVE AI	B.E.	INFORMATION SCIENCE AND ENGINEERING	JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING, SHIVAMOGGA	Mr. PAVAN M Mr. AKSHAY M J	Ms. PAVITHRA M S Ms. KAVANA M Ms. MANDARA A Ms. NAIMA
25.	49S_BE_3976	TEXT-TO-SPEECH WITH EMOTION CONTROL USING DEEP LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING, SHIVAMOGGA	Mrs. MANASA S M	Mr. VIKYATH M A Mr. SHASHANK H S Mr. SUBHASH G K Mr. SUBRAMANYA S GUJJAR
26.	49S_BE_7001	SMART HEALTH ANALYSIS SYSTEM USING MACHINE LEARNING AND DEEP LEARNING (AYUSENSE)	B.E.	INFORMATION SCIENCE AND ENGINEERING	JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING, SHIVAMOGGA	Dr. GV SOWMYA	Ms. BHOOMIKA MD Ms. BRUNDA V Ms. CHAITHRA R Ms. DHANYA R

27.	49S_BE_0113	MIND MATES: ONE PLATFORM EVERY PLACEMENT NEEDS	B.E.	COMPUTER SCIENCE AND ENGINEERING	JYOTHY INSTITUTE OF TECHNOLOGY, BENGALURU	Mr. AKHILESH S NARAYAN	Ms. SHREE PADMAVATHI Mr. DARSHAN BHARDWAJ Mr. SAMEERA B B
28.	49S_BE_0023	FARMER FRIENDLY SMART IRRIGATION USING AI	B.E.	COMPUTER SCIENCE AND ENGINEERING	JYOTHY INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. SRINIDHI KULKARNI Dr. SREEKESHA V K S	Mr. T G MANU Mr. VISHRUTH KARANTH Mr. SHRI HARSHA Mr. SHARATH S KASHYAP
29.	49S_BE_0061	FIRST RESPONDER EMERGENCY UAV	B.E.	COMPUTER SCIENCE AND ENGINEERING	JYOTHY INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. S PRABHANJAN	Ms. HARSHINI S Ms. HARSHITHA D Ms. HARSHITHA N Mr. K NAVEEN REDDY
30.	49S_BE_1039	PREDICTION OF LUMPY SKIN DISEASE IN COWS USING DML	B.E.	INFORMATION SCIENCE AND ENGINEERING	JYOTHY INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. MANJESH B N	Ms. VANDANA C Ms. SANJANA C Ms. DIVYA R Ms. REETHU S
31.	49S_BE_1265	REAL-TIME SIGN LANGUAGE RECOGNITION USING AI FOR INCLUSIVE COMMUNICATION	B.E.	INFORMATION SCIENCE AND ENGINEERING	JYOTHY INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. KISHORE G R	Ms. SPOORTHI H M Mr. N KOTRESH GOWDA Ms. SHARVANI A R Ms. TEJASWINI M
32.	49S_BE_1346	NEURA SCRIPT PEN: THE INTELLIGENT WRITING REVOLUTION	B.E.	INFORMATION SCIENCE AND ENGINEERING	JYOTHY INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. KISHORE G R Prof. BASAVESH D	Ms. PRIYANKA T Ms. HARSHINI V BABU Ms. ANKITHA BHANDARY Ms. SAHANA S