



# 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: 11 April 2026, 9.30 AM**

**Session Link:** <https://meet.google.com/fug-ikvc-qcg>

**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_4535	AI DRIVEN EXERCISE PRESCRIPTION FOR CHRONIC LOW BACK PAIN USING WEARABLE SENSORS	B.E.	BIOMEDICAL ENGINEERING	A.C.S. COLLEGE OF ENGINEERING, BENGALURU	Dr. HARIHARASUDHAN V. G. Dr. P. BHUVANESWARI	Ms. NEHA VINOD P Ms. ANUSHA M Ms. SAPNA G R Ms. UMRANA LAEEQH
2.	49S_BE_2606	SENSOR-DRIVEN SAFETY IN AIRPORT	B.E.	CIVIL ENGINEERING	A.J. INSTITUTE OF ENGINEERING AND TECHNOLOGY, MANGALURU	Mrs. BABITHA.B	Mr. SHIVANANDA GOPANNA LAMANI Ms. SIVAPRIYA.E N Ms. ANUSHA JYOTHISH

3.	49S_BE_1743	HYBRID MEDICAL ROBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	A.J. INSTITUTE OF ENGINEERING AND TECHNOLOGY, MANGALURU	Ms. SAHANA K ADYANTHAYA	Mr. DRASHAN BHOVI Mr. RAJU M PATIL Mr. SHREEJITH S
4.	49S_BE_5148	AGRI-AID: AI-POWERED AGRICULTURAL ASSISTANT FOR INCLUSIVE PLANT DISEASE DETECTION	B.E.	COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)	A.M.C. ENGINEERING COLLEGE, BENGALURU	Prof. ANJALI GAJJAR	Mr. TULSI KUMAR YADAV Ms. VANTERU MOUNIKA Ms. SHRADDHA S METHRI Mr. SHIVAM KUMAR
5.	49S_BE_0256	DIGITAL ARM SMART REHABILITATOR FOR EARLY STAGE PARALYSIS PATIENT WITH BILATERAL MIRROR THERAPY	B.E.	MECHATRONICS ENGINEERING	ACHARYA INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. YASHODHA H N Dr. MANJUNATHA K N	Mr. SUHAS H M Ms. VAISHNAVI G Mr. VISHWA DATTA C Mr. MANOLLAS N
6.	49S_MTECH_0013	AI-ENABLED PREDICTIVE PUBLIC TRANSPORTATION OPTIMIZATION SYSTEM FOR URBAN MOBILITY IN BENGALURU	M.Tech	COMPUTER SCIENCE AND ENGINEERING - AI AND DATA SCIENCE	ALLIANCE UNIVERSITY, BENGALURU	Dr. JAYABHADURI R	Mr. YUSRA
7.	49S_BE_1803	INTELLIGENT SYSTEM FOR THYROID DISEASE PREDICTION USING MACHINE LEARNING ALGORITHMS	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAAVI	Prof. SAGAR BIRJE Dr. VEENA DESHMUKH	Ms. LAXMI GADAVI Ms. SAHANA Ms. MEGHA M BANDI Ms. MANALI KUDACHE
8.	49S_BE_3659	DEEPSHIELD AI: DEEPFAKE DETECTION USING AUDIO-VISUAL INCONSISTENCIES	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAAVI	Dr. A. A. QAZI Prof. SAGAR BIRJE	Mr. AKASH B JARALI Mr. ABHISHEK DYAVANAGOUDRA Mr. GAJANAND MORE Mr. PRASAD MANOLKAR
9.	49S_BE_1668	DYSLEXIAID: AN AI-POWERED MULTI-MODAL LEARNING PLATFORM FOR REAL-TIME READING ASSISTANCE IN DYSLEXIC STUDENTS	B.E.	INFORMATION SCIENCE AND ENGINEERING	ATRIA INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. K S ANANDA KUMAR Mr. OMPRAKASH B	Ms. SKANDANA KV Ms. SUPREETHA R Ms. SHREYA U

10.	49S_BE_0574	NEUROAI - EARLY PARKINSON'S DETECTION USING XGBOOST	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	B.G.S COLLEGE OF ENGINEERING & TECHNOLOGY, BENGALURU	Prof. MAMATHA V JADHAV	Ms. TANISHA K S Ms. T AKSHAYA Ms. HAMSA M N Ms. SHEETAL V B
11.	49S_BE_0767	A MULTIMODAL AI FRAMEWORK FOR MEDICAL IMAGE DIAGNOSIS USING GOOGLE GEMINI	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	B.G.S COLLEGE OF ENGINEERING & TECHNOLOGY, BENGALURU	Dr. CHANDINI A G	Mr. DARSHAN N A Mr. ABHISHEK H G Mr. NIKHIL N C Mr. NIRANJAN GOWDA K S
12.	49S_BE_4842	VISION AHEAD : CLEAR VISION AHEAD-TACKLING DIABETIC RETINOPATHY	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	B.G.S COLLEGE OF ENGINEERING & TECHNOLOGY, BENGALURU	Prof. SUSHMA M	Ms. CHETHANA M Ms. MANISHA M Ms. KUSUMA V Mr. GURUKIRAN
13.	49S_BE_3237	EFFICIENT AND SECURE ANOMALY DETECTION TECHNIQUE USING DWU-ODBN FOR IOT-ENABLED MULTIMEDIA COMMUNICATION SYSTEMS.	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	BEARYS INSTITUTE OF TECHNOLOGY, MANGALURU	Dr. MEHABOOB MUJAWAR	Ms. SUMAIYA NAZNEEN Ms. TRUPTI LAGOND Ms. ANISA Ms. MADEEHA RUMAN
14.	49S_BE_3658	AI DEEP FORGE: AN INTEGRATED UNIMODEL FOR DIGITAL FORENSICS IN AI-GENERATED CONTENT	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	BEARYS INSTITUTE OF TECHNOLOGY, MANGALURU	Prof. SOUDHA N Dr. MEHABOOB MUJAWAR	Ms. SUMAIYA NASEER HUSEN SARWAD Ms. ASIYAMATH AZEEMA Ms. AYISHATH SAFA Ms. FATHIMA ANNA
15.	49S_BE_4462	AI-DRIVEN CLIMATE IMPACT FORECASTING WITH REAL-TIME SOCIAL SENTIMENTAL ANALYSIS	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	BEARYS INSTITUTE OF TECHNOLOGY, MANGALURU	Prof. SOUDHA N Dr. MEHABOOB MUJAWAR	Mr. MOHAMMED ANAS Mr. FARDEEN KHAN Mr. MOHIDDEN MUSMEER
16.	49S_BE_5995	VIBETALK AI POWERED ASSISTIVE COMMUNICATION SYSTEM FOR HEARING AND SPEECH IMPAIRMENT	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	C.M.R. INSTITUTE OF TECHNOLOGY, BENGALURU	Mrs. ROMA KUDALE	Ms. AKSHATA TAVANAPPA UNDRI Ms. AMULYA R Ms. JESSICA MARIS J Ms. LAKSHITHA S R

17.	49S_BE_6023	FLUTTER POWERED SMART ATTENDANCE SYSTEM USING INSIGHTFACE	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	C.M.R. INSTITUTE OF TECHNOLOGY, BENGALURU	Ms. RENCITA MARIA COLACO	Ms. AVANTIKA GUPTA Mr. AKASH BC Ms. KONDRREDDY CHARANI SAI REDDY Mr. YOGESHA E
18.	49S_BE_6494	MULTI VISION-LANGUAGE CAPTIONING SYSTEM	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	C.M.R. INSTITUTE OF TECHNOLOGY, BENGALURU	Ms. RENCITA MARIA COLACO	Mr. ADITYA DHARANE Mr. KP ROHAN Mr. SUNAY DAS Mr. V SANJAY KANTH
19.	49S_BE_5853	AI-CARE RURAL HEALTH ASSISTANT: AUTOMATED DISEASE DIAGNOSIS WITH SMART MEDICATION PRESCRIPTION AND RECOMMENDATION SYSTEM	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	CHANNABASAVESH WARA INSTITUTE OF TECHNOLOGY, TUMAKURU	Mr. DHARANESHKUMAR M L	Ms. SANIKA S Ms. KISHORI KISHAN T K
20.	49S_BE_3190	DESIGN AND DEVELOPMENT OF AN AUTONOMOUS DELIVERY ROBOT FOR ENHANCING COMMUNITY SERVICES AND ACCESSIBILITY AS A MOBILITY AID	B.E.	ROBOTICS AND MECHATRONICS	CHRIST DEEMED TO BE UNIVERSITY, KENGERI CAMPUS, BENGALURU	Dr. UMESH V	Ms. SAHANA ARULANANDAM Mr. EDWIN BENNY Mr. ALWIN SALMON Mr. KANISH KOUSHIK
21.	49S_BE_6330	DEVELOPMENT OF AI- BASED COMPANION LEGGED ROBOT FOR STEM EDUCATION	B.E.	ROBOTICS AND MECHATRONICS	CHRIST DEEMED TO BE UNIVERSITY, KENGERI CAMPUS, BENGALURU	Dr. AMRUTA ROUT	Mr. TEEKANA PRAVEEN SREEMAN Ms. DEVIKA P S Mr. ABRAM JAIN Mr. SASTHA RUPAN S
22.	49S_BE_6375	DESIGN AND DEVELOPMENT OF MULTI-LINGUAL AI-BASED EDUCATIONAL ROBOT FOR SOCIAL AND EMOTIONAL SKILL DEVELOPMENT IN PRESCHOOL AND PRIMARY CHILDREN ACROSS RURAL AND URBAN SETTINGS	B.E.	ROBOTICS AND MECHATRONICS	CHRIST DEEMED TO BE UNIVERSITY, KENGERI CAMPUS, BENGALURU	Dr. AMRUTA ROUT	Mr. ALEN GEORGE Mr. CRISTIANO LENIN Mr. JEYAKRISHNA V

23.	49S_BE_0760	VOICE-DRIVEN FORENSIC SKETCH GENERATION USING OPENAI WHISPER AND STABLE DIFFUSION	B.E.	INFORMATION SCIENCE AND ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Prof. BHARATH BC Dr. MADHURA J	Ms. VANI B S Ms. SHRIRAKSHA Ms. SUNAINA BHAVE Ms. THANMAYI V S
24.	49S_BE_4005	NEUROCARE: A PILOT STUDY ON CUSTOMIZED SOLE THERAPEUTIC DEVICE FOR PERIPHERAL NEUROPATHY WITH VIBRATION ACUPRESSURE, PHOTOBIO-MODULATION AND OXYGEN ENRICHMENT	B.E.	MEDICAL ELECTRONICS ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. N.SRIRAAM Dr. S.HEMA PRIYADARSHINI	Mr. SHARAN.R Ms. PAVITHRA.M Ms. MYTHRI J Ms. SANGEETHA.H
25.	49S_BE_0531	DISEASE DETECTION OF PLANT LEAF USING IMAGE PROCESSING AND CNN WITH PREVENTIVE MEASURES	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. SMITHA P	Ms. BHOOMI BALEGAR Ms. DHANYA L ACHAR Ms. POORVITHA JAIN T P Ms. SRINIDHI
26.	49S_BE_1129	CREDIT CARD FRAUD DETECTION USING SOTA ML AND DEEP LEARNING ALGORITHMS	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. PRAKRUTHI G R	Mr. SRAJAN R AITHAL Mr. PREETHAM GOWDA M R Mr. SUJITH G Mr. VINAY S
27.	49S_BE_1463	DEVELOPMENT OF A COST-EFFECTIVE LOWER LIMB EXOSKELETON FOR MOBILITY SUPPORT	B.E.	ROBOTICS AND AUTOMATION	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	Dr. MUDASAR PASHA B A	Ms. S DEEPTHI Ms. MEENAKSHI V B Ms. UMEMANTASMEIA K Mr. PAVANAKUMARA M P
28.	49S_BE_2900	SMART NEURO MOBILE EEG BASED BRAIN COMPUTER INTERFACE FOR VEHICLE CONTROL	B.E.	ROBOTICS AND AUTOMATION	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	Mr. LINGARAJU	Mr. VIKAS M DOKKER Ms. SPOORTHI S NANDI Ms. PRATHIKA G H Mr. PRAJWAL P H
29.	49S_BE_3056	AI POWERED PRICE COMPARISON APPLICATION	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	G.S.S.S. INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, MYSURU	Dr. ROOPASHREE H R	Ms. PRIYA RAVINDRA MANE Ms. STUTHI S SEEBA Ms. SHASHIKALA S Ms. YASHASWINI P

30.	49S_MCA_01 95	DERMATONET: A TRANSFER LEARNING FRAMEWORK FOR AUTOMATED SKIN LESION CLASSIFICATION.	M.C.A.	COMPUTER APPLICATIONS	GARDEN CITY UNIVERSITY, BENGALURU	Prof. KUSHAL B S	Ms. PREETHU S Mr. ERRISWAMY S C Ms. POORNIMA G R Ms. CHANDANA M S
31.	49S_BE_4450	AI POWERED DOCUMENT ANALYSIS AND LICENSE MANAGEMENT SYSTEM	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU	Dr. ROHINI B.R.	Ms. AISHWARYA B. Mr. SUMUKHA K. Mr. SUMUKHA P. Mr. YASHAWANTH G.B.
32.	49S_BE_5207	KRISHIMITRA	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU	Dr. SANDEEP H	Ms. HARSHITHA P Ms. LEKHANA R Ms. SANIYA UZMA Mr. SRISHAN K N