

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

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

### MIDTERM EVALUATION

Date: 28 May 2024, 9.15 AM

Session Link: <https://meet.google.com/gyc-vmen-gpr>

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_4816	TRANSFORMING WASTE MANAGEMENT IN SMART CITIES WITH INTELLIGENT DUSTBIN	B.E.	COMPUTER SCIENCE AND ENGINEERING	ALLIANCE COLLEGE OF ENGINEERING AND DESIGN, ALLIANCE UNIVERSITY, BENGALURU	Dr. SHEKHAR R.	Mr. K. JAYANTH REDDY Mr. MANIMARAN B.
2.	47S_MSC_0003	DETECTION AND SCARING OF SELECTIVE BIRDS IN AGRICULTURE FIELD USING IOT DEVICES TO PROTECT YIELD	M.Sc	COMPUTER SCIENCE	DAVANGERE UNIVERSITY, DAVANGERE	Mr. ANUP RITTI	Ms. KRUTHIKA K. Ms. KAVYA R. Mr. MANOJ M. Ms. MUSKAN
3.	47S_MSC_0036	SECURITY CONVERSATION USING AI BOT FOR PHYSICALLY CHALLENGED PEOPLE	M.Sc	COMPUTER SCIENCE AND TECHNOLOGY	J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU	Dr. ANUSUYA M A Prof. SHRUTHI B. M.	Mr. ESHWAR URS S. Mr. SWAGATH D. A.
4.	47S_BE_3896	A MULTILINGUAL MODEL FOR TEXT GENERATION OF VISUALS	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	JYOTHY INSTITUTE OF TECHNOLOGY, BENGALURU	PROF.RAMYA B. N. Dr. MADHU B. R.	Ms. GREESHMA P. M. Ms. BANUSHREE T. Ms. PALLAVI K. G. Ms. PRANITHA T. MANUR
5.	47S_BE_4142	DATA WIZARD	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	JYOTHY INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. MADHU B. R. Mrs. RAMYA B. N.	Ms. NEETHU C. V. Ms. KRUTHIKA K. S. Ms. RAKSHA Ms. SHARANYA NARESH

6.	47S_BE_4526	RETINAL IMAGE ANALYSIS FOR CARDIOVASCULAR RISK PREDICTION: A DEEP LEARNING PERSPECTIVE	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	JYOTHY INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. MANJUNATH H. R. Dr. MADHU B. R.	Ms. POOJA S. Mr. RATHAN GOWDA G. P. Mr. PRASANNA KUMAR K. Ms. M. SHALINI
7.	47S_BE_4576	PRICE PROBE: YOUR ULTIMATE COMPANION FOR UNRAVELING THE BEST DEALS ACROSS E-COMMERCE PLATFORMS USING MACHINE LEARNING	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	JYOTHY INSTITUTE OF TECHNOLOGY, BENGALURU	Mrs. ARCHANA V. R. Dr. MADHU B. R.	Ms. VAIBHAVI B. RAJ Ms. A. S. SUSHMITHA URS Mr. ABHISHEK KUMAR PANDEY Ms. JAGRUTHI G.
8.	47S_BE_5109	PNEUMONIA DETECTION IN CHEST X-RAYS USING A MODEL : VIT	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	JYOTHY INSTITUTE OF TECHNOLOGY, BENGALURU	Mrs. SOUMYA K. N.	Mr. KOUSHIK Mr. MADHU H. S. Ms. PAVITHRA KUMAR D. Mr. SRISHAN S.
9.	47S_MSC_0150	VIRTUAL LEARNING ASSISTANT - ENHANCING EDUCATIONAL EXPERIENCES WITH NLP CHATBOT TECHNOLOGY	M.Sc	COMPUTER SCIENCE	K.L.E. SOCIETY'S S. NIJALINGAPPA COLLEGE RAJAJINAGAR, BENGALURU	Mrs.O. R. ARUNA Mrs. NETRAVATHI KURI L.	Ms. RASHMI H. N. Ms. SHARANYA J. Ms. BHAGYASHREE G. Ms. NITHYASHREE N.
10.	47S_BE_3730	PREVENTION AND DETECTION OF BOTNET ATTACKS	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	K.S. INSTITUTE OF TECHNOLOGY, BENGALURU	Mrs. RENUKA PATIL	Ms. YASHILA R. Mr. GURUDEEP R. Ms. YOGITHA S. Mr. V. VARUN
11.	47S_BE_3782	DEEPPFAKE CREATION AND DETECTION FOR MULTIMEDIA CONTENT	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	K.S. INSTITUTE OF TECHNOLOGY, BENGALURU	Ms. LAKSHMI K. K.	Ms. RUPA RAJASRI PUTHINEEDI Ms. M. DIVYASHREE Ms. POORNIMA M. C. Ms. TANMAYEE R.
12.	47S_BE_1631	CYBER APARADHA SAMBANDITHA KANUNU SALAHE(CAS-KS)	B.E.	COMPUTER SCIENCE AND ENGINEERING	K.S. INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. REKHA B. VENKATAPUR	Ms. GANASHREE K. Ms. GANASHREE G. M. Ms. DHANYA SHARANYA SHREE R.

13.	47S_BE_0176	ENERGY HARVESTING WHILE WALKING	B.E.	COMPUTER SCIENCE AND ENGINEERING	K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU	Mrs. SUSHMITHA SURESH Mrs. CHANDANA V. S.	Ms. SUCHITHRA M. B. Mr. V. YASHWANTH NAIDU Mr. VIKRAMA C. Mr. VISHWANATH VIVEK
14.	47S_BE_0177	LIFE EXPECTANCY POST THORACIC SURGERY USING MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU	Mrs.CHANDANA V. S. Mrs. SUSHMITHA SURESH	Ms. NANDINI V. Ms. NISHMITHA R. Ms. NITHYA A. Mr. ROSHAN KUMAR L.
15.	47S_BE_0198	SEPSIS PREDICTION	B.E.	COMPUTER SCIENCE AND ENGINEERING	K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU	Prof. NAGAVENI B. NIMBAL	Mr. PRITHVI RAJ CHAVAN Mr. SAGAR NAIDU Mr. RAHUL B. M. Mr. NIKHIL K. H.
16.	47S_BE_0199	WASTE SEGREGATION AND MANAGEMENT USING DEEP LEARNING AND IOT	B.E.	COMPUTER SCIENCE AND ENGINEERING	K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU	Mrs. JAYASHUBHA J. Mrs. JAYASHUBHA J	Mr. BHUSHAN P. Ms. LIKHITHA L. MAHESH Mr. KUMARASWAMY N. Ms. LAVANYA M.
17.	47S_BE_3050	HUMAN BITE MARK IDENTIFICATION USING ML (MACHINE LEARNING)	B.E.	COMPUTER SCIENCE AND ENGINEERING	K.V.G. COLLEGE OF ENGINEERING, SULLIA, DAKSHINA KANNADA	Dr. SAVITHA C. K.	Mr. KARTHIK Ms. DISHA G. K. Mr. SACHIN M. T. Ms. SAPTHAMI C.G.
18.	47S_BE_3053	BUZZHUB: SMART BEEHIVE REMOTE MONITORING AND BEE KEEPING SYSTEM USING IOT	B.E.	COMPUTER SCIENCE AND ENGINEERING	K.V.G. COLLEGE OF ENGINEERING, SULLIA, DAKSHINA KANNADA	Dr. SMITHA M. L.	Mr. REEVAN B. R. Ms. ANANYA R. HEBBAR Ms. VIDYASHREE L. ACHAR Mr. LISCHITH K. R.
19.	47S_BE_4376	PEPPER GRADING AND COST ESTIMATION USING IOT BASED DEEP LEARNING MODELS	B.E.	COMPUTER SCIENCE AND ENGINEERING	K.V.G. COLLEGE OF ENGINEERING, SULLIA, DAKSHINA KANNADA	Dr. BHAGYA JYOTHI K. L.	Ms. RANJITHA R. Ms. DEEPTHI K. D. Ms. SANCHITHA H. B. Ms. SONASHREE

20.	47S_MSC_0129	DEEP LEARNING BASED MICROSCOPIC ALGAE CLASSIFICATION FOR BIO-PROCESS MONITORING	M.Sc	COMPUTER SCIENCE	KARNATAK ARTS SCIENCE AND COMMERCE COLLEGE, BIDAR	Mrs. JYOTI PATIL Mr. RAJMOHAN P.	Ms. UZMA NAUSHEEN Ms. SHIVANI M. Ms. SHRADDHA T. SAMIA ERUM KHALEEL AHMED
21.	47S_BE_0456	DEEP LEARNING MODEL FOR DRONE IMAGE SEMANTIC SEGMENTATION USING DEEPLAB3+	B.E.	COMPUTER SCIENCE AND ENGINEERING	LINGARAJAPPA ENGINEERING COLLEGE, BIDAR	Prof. VEERESH BIRADAR Prof. GURURAJ NASE	Ms. SHREYA KULKARNI Ms. VAISHNAVI THAKUR
22.	47S_BE_1220	MELANOMA CANCER DETECTION USING DEEP LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	LINGARAJAPPA ENGINEERING COLLEGE, BIDAR	Prof. GURURAJ NASE Prof. VEERESH BIRADAR	Ms. VACHANASHREE Ms. KANCHANA Ms. PRIYANKA
23.	47S_BE_1785	EARLY DEPRESSION DETECTION USING AI AND ML	B.E.	COMPUTER SCIENCE AND ENGINEERING	LINGARAJAPPA ENGINEERING COLLEGE, BIDAR	Prof. NEELAMBIKA Prof. SHRUTI MODI	Ms. KAVYA KORE Ms. AMBIKA
24.	47S_BE_0057	AUTOMATED CARDIOVASCULAR DISEASE DIAGNOSIS USING HONEY BADGER OPTIMISATION WITH MODIFIED DEEP LEARNING MODEL	B.E.	COMPUTER SCIENCE AND ENGINEERING	M.S. ENGINEERING COLLEGE, BENGALURU	Dr. MALATESH S.H	Mr. IMRAN HUSSIAN Mr. NISHANT SINHA Mr. SHADIKUL ISLAM Mr. SHIVAM YADAV
25.	47S_BE_0065	RAILSAFE ALERT SYSTEM BASED ON IOT	B.E.	COMPUTER SCIENCE AND ENGINEERING	M.S. ENGINEERING COLLEGE, BENGALURU	Ms. P. SUSHMITA SINGH	Mr. JAYANT KUMAR Mr. DEVESH KUMAR PACHAURI Mr. AJAY Mr. VAIBHAV PATIL
26.	47S_BE_0067	AGRICULTURAL CROPS PRICE PREDICTION SYSTEM USING MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	M.S. ENGINEERING COLLEGE, BENGALURU	Dr. MALATESH S.H	Ms. MANASA P. J. Ms. DEEKSHITHA S. Mr. JAYANTH H. M. Mr. NITHIN U.
27.	47S_BE_0093	PLANT RECOGNITION USING CNN AND GARDENING SUPPORT SYSTEM USING IOT	B.E.	COMPUTER SCIENCE AND ENGINEERING	M.S. ENGINEERING COLLEGE, BENGALURU	Dr. MALATESH S.H	Mr. ASHISH KUMAR D. Ms. TRIPTI KUMARI Mr. PRODDATUR NAGA VENKATA SHRAVAN

28.	47S_BE_0228	ELECTRONIC SHOES TO ASSIST VISUALLY CHALLENGED	B.E.	COMPUTER SCIENCE AND ENGINEERING	M.S. ENGINEERING COLLEGE, BENGALURU	Dr. MALATESH S.H	Mr. AADITYA RAJ Ms. TASMIA KOWSAR Ms. TAHSEEN S.
29.	47S_BE_1518	CONTEXT AWARE WEARABLE DIGITAL ASSISTANT FOR ASTRONAUTS	B.E.	COMPUTER SCIENCE AND ENGINEERING	M.S. RAMAIAH UNIVERSITY OF APPLIED SCIENCES, BENGALURU	Dr. JYOTHI A. P.	Mr. SHASHIDHAR Y. BHAT
30.	47S_BE_2144	AI BASED MULTI DISEASE DETECTION USING MACHINE LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	M.V.J. COLLEGE OF ENGINEERING, BENGALURU	Dr. JASNA S. B.	Mr. VINOD KUMAR R. Mr. MOHAMMED ZUBAIR PASHA Mr. VISHNU PRASAD Mr. RAHUL