

# 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: 30 May 2024, 9.15 AM

Session Link: <https://meet.google.com/avi-uvcw-kbc>

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_4895	SMART APP FOR MULTILINGUAL SYMBOL TRANSLATION OF PUBLIC TRANSPORT SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	MAHARAJA INSTITUTE OF TECHNOLOGY, MYSURU	Dr. RANJITH K. C. Prof. SANTOSH E.	Ms. VANDANA N. S. Ms. AKARSHITHA P. GOWDA Mr. HRUDAY M. Mr. MOHITH GOWDA K. T.
2.	47S_BE_5014	REPORTING AND MONITORING TOOL FOR SAFETY AGAINST RAGGING AND HARASSMENT USING ML	B.E.	COMPUTER SCIENCE AND ENGINEERING	MAHARAJA INSTITUTE OF TECHNOLOGY, MYSURU	Prof. NANDA KUMAR R. B.	Ms. VANDANA D. M. Ms. ANUSHREE S. R. Ms. CHRIS SUZAN A. Mr. ABHISHEK S.
3.	47S_BE_2032	INTRACRANIAL PRESSURE MONITORING SYSTEM	B.E.	INFORMATION SCIENCE AND ENGINEERING	MAHARAJA INSTITUTE OF TECHNOLOGY, MYSURU	Prof. CHAITRASHREE R.	Ms. AISHWARYA C. Ms. ADITHI C. Ms. CHITRA G. Ms. SUBRAMANYA P.
4.	47S_BE_2067	AUTOMATIC DETECTION CONTROLLING AND MONITORING OF TEMPERATURE IN SERICULTURE USING IOT	B.E.	INFORMATION SCIENCE AND ENGINEERING	MAHARAJA INSTITUTE OF TECHNOLOGY, MYSURU	Prof. SMITHASHREE K. P.	Ms. THOSHINY CHAWAN M. Ms. VARSHINI Y. R. Ms. BHOO MIKA H. Ms. HEMA KIRANA M.
5.	47S_BE_2432	SMART DEVICE FOR FARMERS TO DETECT SNAKES IN FARMLAND	B.E.	INFORMATION SCIENCE AND ENGINEERING	MAHARAJA INSTITUTE OF TECHNOLOGY, MYSURU	Prof. AJAY KUMAR B. R.	Ms. KUSUMA M. S. Mr. GOKUL M. Mr. ARJUN M. S. Mr. DARSHAN R.

6.	47S_BE_0596	IOT BASED MILK ADULTERATION DETECTION AND IDENTIFICATION OF A1 AND A2 TYPE MILK	B.E.	COMPUTER SCIENCE AND ENGINEERING	MAHARAJA INSTITUTE OF TECHNOLOGY, NANJANGUD TALUK, THANDAVAPURA	Prof. ASHWINI P.	Ms. PREETHI K. D. Mr. KARTHIK G. T. Ms. R. VAISHNAVI Ms. TEJAS K.
7.	47S_BE_0627	IOT BASED SOLAR PANEL CLEANING ROBOT	B.E.	COMPUTER SCIENCE AND ENGINEERING	MAHARAJA INSTITUTE OF TECHNOLOGY, NANJANGUD TALUK, THANDAVAPURA	Prof. ASHWINI G.	Mr. RAVICHANDRAN T. S. Mr. MOHAMMAD RUMAN BAIG MR. SRI RAM A S Mr. SACHIN PATEL K.
8.	47S_BE_0841	SMART READER FOR VISUALLY IMPAIRED USING RASPBERRY PI	B.E.	COMPUTER SCIENCE AND ENGINEERING	MAHARAJA INSTITUTE OF TECHNOLOGY, NANJANGUD TALUK, THANDAVAPURA	Prof. SUHASINI	Mr. RAHUL M. R. Mr. AKHILESH N. Mr. HARSATH V. Mr. NIKHIL S.
9.	47S_BE_0669	TRAFFIC SIGNAL VIOLATION AVOIDANCE SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING - INFORMATION SECURITY	MAHARAJA INSTITUTE OF TECHNOLOGY, NANJANGUD TALUK, THANDAVAPURA	Prof. BHARATH BHARADWAJ B. S.	Ms. RESHIKA RAJESH K. Ms. CHAITRA B. S. Mr. DAMAN MEDAPPA S. S. Ms. GAGANA J.
10.	47S_BE_1975	SOLAR POWERED MULTIPURPOSE AUTONOMOUS AGRICULTURAL ROBOT	B.E.	INFORMATION SCIENCE AND ENGINEERING	MALNAD COLLEGE OF ENGINEERING, HASSAN	Mr. SUDARSHAN G. K. Mr. NITHIN K.	Ms. NISARGA M. P. Ms. GOWTHAMI D. N. Ms. ANANYA J. R. Ms. KEERTHANA H. B.
11.	47S_BE_2336	AN AI ENABLED SYSTEM TO DETECT POTATO DISEASE	B.E.	INFORMATION SCIENCE AND ENGINEERING	MALNAD COLLEGE OF ENGINEERING, HASSAN	Dr. CHANDRIKA J.	Ms. LAHARI B. S. Mr. MOHITH H. A. Mr. NITHISH SAGAR D. Mr. RISHAB NANDAN B. R.
12.	47S_BE_3480	SIGNSPEAK: BRIDGING COMMUNICATION THROUGH DEEP LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	MALNAD COLLEGE OF ENGINEERING, HASSAN	Mrs. SHRUTHI D. V.	Mr. SANDEEPA T. N. Mr. SATHVIK RAO Mr. KEERTHAN V. Mr. ANIRUDHA R.

13.	47S_BE_0909	A DEEP LEARNING APPROACH TO DETECT RHEUMATOID ARTHRITIS USING X-RAY IMAGES AND BIO-MARKERS	B.E.	COMPUTER SCIENCE AND ENGINEERING	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOOBBIDRI	Dr. PRADEEP B. S.	Mr. SOURABH P. Mr. SHREYAS Ss TANTRI Mr. SHREYAS SHETTY B. Mr. VINAYAK NAYAK N.
14.	47S_BE_0964	DETECTION OF ISCHEMIC STROKE USING DEEP LEARNING TECHNIQUES	B.E.	COMPUTER SCIENCE AND ENGINEERING	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOOBBIDRI	Dr. PRADEEP B. S.	Mr. HEGDE SUMANTH SHYAM Ms. PUSHPA MANGAL GOND Mr. RATHAN S. R. Ms. RUCHITHA R.
15.	47S_BE_1623	EFFECTIVE MILK GRADING AND BILLING SOLUTION FOR DAIRY INDUSTRY	B.E.	COMPUTER SCIENCE AND ENGINEERING	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOOBBIDRI	Mrs. AMRUTHA	Mr. SHIVARAJ SHETTY Mr. RANJITH SHETTY Mr. RAO SURAJ NAGESH Mr. SHIVA JANARDHAN PATANKAR
16.	47S_BE_3518	A DEEP LEARNING APPROACH TO DETECT CANCER IN CIRRHOTIC LIVER	B.E.	COMPUTER SCIENCE AND ENGINEERING	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOOBBIDRI	Mr.VIJAYANANDA V. MADLUR	Ms. RAKSHA NAYAK Mr. SANKALP SANTOSH NAIK Ms. SANNIDHI B. M. Mr. TEJASWINI PEERU GOUDA
17.	47S_BE_3593	BREAST TUMOR SEGMENTATION AND CLASSIFICATION USING ULTRASOUND IMAGES	B.E.	COMPUTER SCIENCE AND ENGINEERING	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOOBBIDRI	Dr. DINESHA L.	Mr. VAIBHAV R. JADHAV Ms. DEEPIKA Mr. MOHAMMAD SHIHABUL FAIEZ Ms. DEEKSHA PRABHU
18.	47S_BE_3617	DEEP LEARNING BASED WHITE BLOOD CANCER DETECTION IN BONE MARROW USING HISTOPATHOLOGICAL IMAGES	B.E.	COMPUTER SCIENCE AND ENGINEERING	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOOBBIDRI	Ms. SUNITHA N. V.	Mr. PRANAV JOSHI Mr. RAKESH KUMAR Ms. RAKSHA SHETTY Ms. RAKSHA M. SUVARNA

19.	47S_BE_4195	GLAUCOMA DETECTION USING MACHINE LEARNING WITH OCT	B.E.	INFORMATION SCIENCE AND ENGINEERING	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOOBBIDRI	Mr. SHARATH KUMAR	Mr. ATHIK REHAMAN Mr. LATHESH KUMAR Mr. MAYUR S. KARKERA MOHAMMED MUNEEF
20.	47S_BE_4825	CROP CARE - A WEB APPLICATION FOR CROP MANAGEMENT	B.E.	INFORMATION SCIENCE AND ENGINEERING	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOOBBIDRI	Dr. SREEJA RAJESH	Ms. SMRUTHI POOJARY Mr. SUMANTH SHETTY Mr. WAISF AHMED
21.	47S_BE_1498	KANNADA LANGUAGE GENERATIVE AI FOR FARMERS REVOLUTIONIZING AGRICULTURE WITH A VISION-ENABLED MULTIMODEL USING OPEN-SOURCED LARGE LANGUAGE MODEL	B.E.	COMPUTER SCIENCE AND ENGINEERING	N.I.E. INSTITUTE OF TECHNOLOGY, MYSURU	Dr. GOWTHAM M.	Mr. V. PRAJWAL Ms. BHAGYA RASHI Ms. HIBA TAJ KHURAIISHI Mr. SAYED MANSOOR
22.	47S_MSC_0133	ENHANCING CROP YIELD PREDICTION THROUGH MACHINE LEARNING TECHNIQUES	M.Sc	DATA SCIENCE	N.M.K.R.V COLLEGE FOR WOMEN, BENGALURU	Prof. DEEPALAKSHMI R.	Ms. KAUSER NISSAR T. P. Ms. ASHWITHA M. R. Ms. SHAZIYA SULTANA
23.	47S_BE_2457	RAILWAY TRACK CRACK DETECTION SYSTEM	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	NAGARJUNA COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU	Dr. R. VIJAYANAND Dr. RASHMI P. KARCHI	Ms. RACHANA A. Ms. VARSHINI K. S. Ms. PREETHI A.
24.	47S_BE_5032	DETECTION OF SICKLE CELL ANEMIA USING DEEP LEARNING TECHNIQUES	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	NAGARJUNA COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU	Prof .PRATHIBHA B. N. Dr. RASHMI P. KARCHI	Mr. KARTHIK SHREEVATSHA P. Mr. U. DURGA LOKESH Mr. YASHAS C.

25.	47S_BE_0783	ANIMEA DETECTION USING MACHINE LEARNING	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Mr. RAMESHPRASAD R. Ms. RAJASREE R. S.	Mr. KAKARLA LINGESWAR BALAJI Mr. KATAKAM DATTA RAM VIVEK Mr. A. CHETU CHANDHAN Mr. P. SANJAY REDDY
26.	47S_BE_0790	ANDROID APPLICATION FOR REAL-TIME CHILD MONITORING	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	MS. SANDYARANI V Dr. UMAMAHESWARAN S.	Ms. MOUNIKA TEPPOLA Ms. BHAVNA BRAHMA Ms. DIMPLE K CHOUDHARY Mr. KEERTI SAI NAIDU
27.	47S_BE_0824	PRODUCT RECOMMENDATIONS USING BODY MEASUREMENT	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Prof. RAMESH PRASAD Dr. UMAMAHESWARAN S.	Mr. K. VAMSHIVARDHAN Mr. PUNEET VERNEKAR Mr. RAHUL RAVINDRA Mr. VIGNESH BHARADWAJ
28.	47S_BE_1201	A DETECTION OF INTRACRANIAL HEMORRHAGE FROM CT SCANS USING DEEP LEARNING	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Dr. SOWMYA H. K. Dr. SONIA MARIA D'SOUZA	Ms. N.VENKATA DEVAGNAA Mr. NIKHIL MANNE
29.	47S_BE_1464	EXTRACTING THE ESSENCE OF AYURVEDA: A TEXT MINING APPROACH TO HERBS AND BENEFITS USING NAMED ENTITY RECOGNITION	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Dr. SOWMYA H. K. Dr. N. V. UMA REDDY	Mr. LINGALA NAGA MALLESHWAR REDDY Mr. METUKURU SRI CHARAN REDDY Mr. MATAM DINESH CHANDRA Mr. JANAPATI NEERAJ
30.	47S_BE_1499	AUTOMATED OFFICE MEETING SUMMARIZATION WITH NLP BASED VIDEO TRANSCRIPTION	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Prof. AKSHATHA P. S. Prof. BINDU S.	Mr. AKASH B. Mr. C. SUMUKH Mr. GOWARDAN REDDY V. Mr. V. HARSHITH