

# 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: 29 May 2024, 9.15 AM

Session Link: <https://meet.google.com/ibd-wksn-gpy>

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_4673	BIOMETRICALLY SECURED ATM SURVEILLANCE SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	A.C.S. COLLEGE OF ENGINEERING, BENGALURU	Mr. SHARATH BABU C. G.	Mr. HEMANTH KUMAR K. B. Mr. ABHISHEK S. PATIL Ms. MOULYA H. T. Ms. PRATHIKSHA C. S.
2.	47S_BE_1494	ENERGY EFFICIENT STREET LIGHTING WITH REAL TIME DATA MONITORING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	A.J. INSTITUTE OF ENGINEERING AND TECHNOLOGY, MANGALURU	Mr. GANESH U. G.	Ms. SEEMA J. RAI Ms. ATHMIYA RAJ A. G. Mr. DURGESH Mr. HARDIK RAI
3.	47S_BE_4695	EYE GAZE CONTROLLED WHEELCHAIR WITH HEALTH MONITORING SYSTEM USING RASPBERRY PI	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	A.M.C. ENGINEERING COLLEGE, BENGALURU	Prof. G. V. ASHWINI Prof. SHWETHAA A. R.	Mr. DEEPAK N. Ms. CHANDINI Mr. LALATENDU TRIPATHY Mr. LIKHITH C.
4.	47S_BE_1870	BRAIN WAVE CONTROLLED MINIATURE WHEEL CHAIR USING BCI TECHNOLOGY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	A.P.S. COLLEGE OF ENGINEERING, BENGALURU	Prof. THEODORE JESUDAS	Ms. SUCHITHTRA M. Ms. NAVYASHREE S. Ms. YASHU K.
5.	47S_BE_1880	ADVANCED ELECTRIC BIKE WITH INTEGRATED SAFETY AND MONITORING SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	A.P.S. COLLEGE OF ENGINEERING, BENGALURU	Ms. USHA H. N.	Mr. BALAJI S. Mr. SUMUKHA R.

6.	47S_BE_1886	SMART READER GLASS FOR BLIND AND VISUALLY IMPAIRED PEOPLE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	A.P.S. COLLEGE OF ENGINEERING, BENGALURU	Mrs. PURVA KAMAT MHAMAI	Mr. MOHAMMED FAIZAL Mr. ABHISHEK N. Mr. ROHITH N.
7.	47S_BE_4408	INTELLIVISION: A SMART BLIND ASSIST SYSTEM USING ML AND IMAGE PROCESSING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	A.T.M.E. COLLEGE OF ENGINEERING, MYSURU	Mr. GIRISH M. Dr. PRAKASH KURVAVATTI	Ms. KEERTHANA N. Ms. CHETHANA U. Ms. POORVIKA N. Mr. CHETHAN KUMAR M. C.
8.	47S_BE_4623	SPINE SERENITY : SMART RELIEF MASSAGER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	A.T.M.E. COLLEGE OF ENGINEERING, MYSURU	Prof. ANUPAMA SHETTER Prof. PRADEEP KUMAR Y.	Mr. KARTHIK P. U. Mr. BHARGAV M. Mr. CHETHAN M. C. Mr. KARTHIK M.
9.	47S_BE_5031	SOLAR POWER MANAGEMENT SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	A.T.M.E. COLLEGE OF ENGINEERING, MYSURU	Dr. PRATHIBHA M. K. Mr. GIRISH M.	Ms. SARASWATHI M. Ms. AZRA AKIN Ms. RUCHITHA K. R. Ms. SANJANA MANOHAR N.
10.	47S_BE_3987	AUTOMATED AQUAPONICS SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ACHARYA INSTITUTE OF TECHNOLOGY, BENGALURU	Mr. SANDEEP KUMAR K. Mrs. KUMBHAR TRUPTI RAVIKUMAR	Ms. NANDINI U. MALAVALLI Ms. NIKHITHA G. Ms. PALLAVI K. HIREGOWDAR Ms. UMADEVI M. V.
11.	47S_BE_4335	MIMO RADAR FOR SLOW AND SMALL TARGETS USING COHERENT & NON COHERENT DETECTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ACHARYA INSTITUTE OF TECHNOLOGY, BENGALURU	Mr. DEVASIS PRADHAN	Ms. DIVYA DHARSHINI R. Mr. ATUL KHUNTIA Mr. KUMAR ADITYA Ms. MYTHRI R.
12.	47S_BE_4904	HUMANOID ROBOT FOR COVID PATIENT ASSISTANCE USING RASPBERRY PI	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKKAMAGALURU	Mrs. MANJULA U. R. Mrs. DIVYA G. S.	Ms. BHOOMIKA B. S. Ms. AKSHATHA K. R. Ms. KAVANA S. NAIK Ms. DEVIKA M. U.

13.	47S_BE_5060	DEVELOPMENT OF HAPTIC PROSTHETIC HAND FOR REALIZATION OF INTUITIVE OPERATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKKAMAGALURU	Dr. USHA PATIL Mr. HARISH KUMAR C. R.	Mr. MOHAMMED MOHTASHIM Mr. LIKHITH H. D. Mr. BHARATH A. L. Mr. MAHASOOK AHMED
14.	47S_BE_2131	MICRO-SMART CITY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	AKSHAYA INSTITUTE OF TECHNOLOGY, TUMAKURU	Mrs. SHRUTHI A. B.	Mr. BHIMESH MAHADEV KURABET Ms. DIVYA N. P. J. Ms. SHRISHTI NINGAPPA MIRJI Ms. APOORVA J.
15.	47S_BE_1381	DESIGN AND IMPLEMENTATION OF SELF DRIVEN VEHICLE USING SALM TECHNOLOGY AND COMPUTER VISION - A PROTOTYPE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOOBBIDRI	Dr. D. V. MANJUNATHA Prof. NEPOLIAN	Mr. ROHAN H. Ms. RAKSHITHA S. Ms. RAMYA K. Mr. VISHWANATH M.
16.	47S_BE_2052	AUTO DELIVERY BOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOOBBIDRI	Mrs. VIJETHA T. S.	Mr. PAVAN K. H. Mr. AKSHAY Ms. CHAITHRASHREE M. G. Mr. PRATHAM
17.	47S_BE_2265	ANTI POACHING ALARM FOR VALUABLE TREES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOOBBIDRI	Prof. BHAGYASHREE K.	Ms. SHRIDEVI Ms. DISHA H. Ms. SHRUTHI Ms. SHWETHA
18.	47S_BE_2035	A GESTURE VOCALIZER TRANSLATION SYSTEM FOR EFFICIENT COMMUNICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	AMRITA VISHWA VIDYAPEETHAM BENGALURU CAMPUS, BENGALURU	Ms. PRIYA B. K.	Ms. C. G. PRIYA Ms. ANANYA MURALIDHARAN Mr. GOUTHAM P. KEERIYAT

19.	47S_BE_2039	PREDICTIVE MAINTENANCE OF BATTERY FOR EV PROTOTYPES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	AMRITA VISHWA VIDYAPEETHAM BENGALURU CAMPUS, BENGALURU	Ms. PRIYA B. K.	Mr. CHINCHU DHEEMANTH Mr. CHERLOPALLI JAIDEEP Ms. TUGU MOHITHA SAI
20.	47S_BE_2554	LANDMINE DETECTION USING ROBOTIC VEHICLE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	AMRITA VISHWA VIDYAPEETHAM BENGALURU CAMPUS, BENGALURU	Ms. PRIYA B. K.	Mr. VADAPALLI CHIRANJEEVI SAI NITHEESH Mr. VASIREDDI SRI VEERA VENKATA RAMGANESH Mr. ACHIMSETTY BHARADWAJ
21.	47S_BE_3733	EMBEDDED BASED UNDERGROUND WATER LOCATER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAAVI	Dr. G. R. UDUPI Prof. GURURAJ KULKARNI	Mr. MAHALINGAPPA SHRISHAIL HUCHAGOUDAR Mr. RAHUL RAMESH RAJMANE Ms. POOJA D. Ms. PRERANA P. MASGUPPI
22.	47S_BE_4962	ARTIFICIAL INTELLIGENCE BASED NIGHT VISION PATROLLING ROBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAAVI	Prof. SRIRAM K. V.	Ms. VEENA R. KAMMAR Ms. SAHANA DIXIT Ms. AKSHATA GADAD Ms. KAVERI HATTI
23.	47S_BE_3888	AEROPONICS SYSTEM FOR SUSTAINABLE USE OF WATER AND NUTRIENTS USING MACHINE LEARNING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ANJUMAN INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BHATKAL	Prof. KIRAN VINAYAK SHANBHAG Prof. MADHEEHA FATHIMA	Mr. VARUN VISHNU HEGDE Ms. AKSHATA VENKATRAMAN NAIK Ms. TUQA Mr. ASHWIN MANJAPPA DEVADIGA

24.	47S_BE_0061	AQUASTREAM INTEGRATED COMMUNICATION SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ATRIA INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. SPOORTHY S. P.	Mr. YASHVARDHAN M. Ms. TAANYA R. PATIL Ms. MEGHA RAJPUT Ms. MANASA M. S.
25.	47S_BE_0080	QUADCOPTER IN AGRICULTURE DEVELOPMENT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ATRIA INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. GAYATHRI JOSHI	Mr. HARISH N. Mr. AJJE PAVAN KUMAR Mr. CHETHAN H. R. Mr. ROHITH KUMAR L.