



# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### MIDTERM EVALUATION

**Date: 4 May 2025, 9.30 AM**

**Session Link:** <https://meet.google.com/rxd-njiv-bgi>

**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.	48S_BE_5040	EXPLORING BIOWASTE FILLERS FOR ENHANCED SUSTAINABILITY AND MECHANICAL STRENGTH IN JUTE-BANANA-PHENOLIC RESIN HYBRID BIO-COMPOSITE	B.E.	MECHANICAL ENGINEERING	A.G.M. RURAL COLLEGE OF ENGINEERING AND TECHNOLOGY, HUBBALLI	Prof. SANDEEPKUMAR GOWDA Dr. MARUTHI PRASHANTH B H	Mr. VINAYAK PAGALAPUR Mr. MANOJ B BOMBLEKAR Mr. ARVIND MALLARI Mr. SUHAS KALAPPANAVAR
2.	48S_BE_5197	DESIGN AND DEVELOPMENT OF RECON CRAWLER	B.E.	MECHANICAL ENGINEERING	A.M.C. ENGINEERING COLLEGE, BENGALURU	Dr. MANJUNATHA C	Mr. SUBHOJEET GHOSH Mr. HEMANTH V Mr. S.SAI CHARAN
3.	48S_BE_5215	DESIGN AND DEVELOPMENT OF TERRAMARINE SENTINAL ROBOT	B.E.	MECHANICAL ENGINEERING	A.M.C. ENGINEERING COLLEGE, BENGALURU	Dr. MANJUNATHA C	Mr. PRATHAP KUMAR R Mr. K KULDEEP Mr. WASEEM AKRAM
4.	48S_BE_5835	DESIGN AND DEVELOPMENT OF AUTOMATIC STUDENT SMART ACCESS CONTROL SYSTEM FOR CAMPUS	B.E.	MECHANICAL ENGINEERING	A.M.C. ENGINEERING COLLEGE, BENGALURU	Dr. UMASHANKER L	Mr. P POOBASE Mr. AMITH KUMAR N RATHOD Mr. CHETHAN S N Mr. MAHESH GOWDA S

5.	48S_BE_0152	EFFECT OF COOLING RATE ON MICROSTRUCTURE AND MECHANICAL PROPERTIES OF TIN-BISMUTH ALLOYS FOR ELECTRONIC APPLICATION	B.E.	MECHANICAL ENGINEERING	ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODBIDRI	Dr. KUMARSWAMY M C	Mr. AJITH R Mr. SHASHWAT R GOWDA
6.	48S_BE_2794	INVESTIGATION OF TUNGSTEN NANOPARTICLES IMPACT ON THERMAL PROPERTIES, STABILITY AND HEAT RESISTANCE OF GLASS FIBRE POLYMER COMPOSITES.	B.E.	MECHANICAL ENGINEERING	ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODBIDRI	Dr. GURUSHANTH B VAGGAR	Mr. NARAYAN V Mr. DHARSHITH A Mr. PRAVEEN VEERAPPA CHAVADI
7.	48S_BE_2970	DESIGN AND FABRICATION OF AUTOMATIC ARECANUT SORTING MACHINE USING IMAGE PROCESSING AND IOT TOOL	B.E.	MECHANICAL ENGINEERING	ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODBIDRI	Prof. SARATHCHANDRA PRABHU	Mr. MELWIN VINAY SERA Mr. MOHAMMED SWALIH
8.	48S_BE_3618	DESIGN & DEVELOPMENT OF A LOW-COST COMPACT 3D PRINTER FILAMENT EXTRUDER	B.E.	MECHANICAL ENGINEERING	AMRITA VISHWA VIDYAPEETHAM BENGALURU CAMPUS, BENGALURU	Dr. PRASHANTH B.N.	Mr. KUMBHAM SAI MAHESH Mr. VIGNESH NEELAKANTAN IYER
9.	48S_BE_6258	INVESTIGATION OF MECHANICAL PROPERTIES OF BAMBOO NANOCELLULOSE REINFORCED BIOCOMPOSITES FOR FOOD PACKING APPLICATION	B.E.	MECHANICAL ENGINEERING	AMRITA VISHWA VIDYAPEETHAM BENGALURU CAMPUS, BENGALURU	Dr. R PRAMOD	Mr. D. CHARITH KUMAR Mr. D. BHANU SAI RAM
10.	48S_BE_2885	DEVELOPMENT OF AN ARDUINO CONTROLLED PESTICIDE SPRAYER ROBOT FOR AGRICULTURE	B.E.	MECHANICAL ENGINEERING	AMRUTA INSTITUTE OF ENGINEERING AND MANAGEMENT SCIENCES, BIDADI	Prof. NAGAPPA PATTANASHETTI	Mr. THIRUMALA REDDY K Ms. MANYA S L Mr. VINAY KUMAR Y

11.	48S_BE_1782	DESIGN AND FABRICATION OF BIODEGRADABLE CORN HUSK ECO CHIC BOWL MAKING MACHINE FOR AGRICULTURE ARTISTRY	B.E.	MECHANICAL ENGINEERING	ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAAVI	Prof. RAHU SHERI	Mr. MAHMADA SAMEER NALABAND Mr. AMARNATH HANJI Mr. ATHARVA KHASBAG Mr. VIJAYKUMAR SIDNAL
12.	48S_BE_2170	DESIGN AND FABRICATION OF LOW COST SUGARCANE TRASH REMOVAL MACHINE FOR USE IN SMALL FIELDS TO HELP MARGINAL FARMERS	B.E.	MECHANICAL ENGINEERING	ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAAVI	Prof. V.SUSHANTHKUMAR	Mr. SANDEEP DANDAGAL Mr. CHETAN YAVAGAL Mr. SHRIDHAR BHADACHE Mr. SUNIL MARAKATTI
13.	48S_BE_3082	INVESTIGATION ON TRIBIOLOGICAL PROPERTIES OF GRAPHENE REINFORCED COPPER	B.E.	MECHANICAL ENGINEERING	ATRIA INSTITUTE OF TECHNOLOGY, BENGALURU	Mr. PRAVEEN KUMAR BC	Mr. NM YASHAS Mr. ANKITH GOWDA C Mr. MOHAMMED UWAIES Ms. PRERANA R
14.	48S_BE_3095	INNOVATIVE PROCESS OF LPG GENERATION AND FUEL PRODUCTION	B.E.	MECHANICAL ENGINEERING	ATRIA INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. MANJUNATHA C J Dr. SRINIVASA CHARI V	Mr. RAKSHITH C Mr. ROHITH S Mr. SHAKEEL IQBAL Mr. VISHNU PRASAD K N
15.	48S_BE_5910	STUDY ON MICROSTRUCTURE, MECHANICAL PROPERTIES AND MACHINABILITY BY DIRECT LASER DEPOSITION	B.E.	MECHANICAL ENGINEERING	ATRIA INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. SRINIVASA CHARI V	Mr. VISHWANATH S THADI Mr. P M ARSHAD Mr. RAUL ALWIN DIAS Mr. ABHISHEK M
16.	48S_BE_5010	SEMI AUTOMATIC FIELD LINE MARKING ROBOT	B.E.	MECHANICAL ENGINEERING	B.G.S. INSTITUTE OF TECHNOLOGY, MANDYA	Mr. SANTHOSH KUMAR T C	Mr. BALAJI H V Mr. HEMANTH GOWDA MD Mr. YASHWANTH.M
17.	48S_MTECH_0025	PALLETIZATION ROBOT FOR AN INDUSTRY 6.0 REVOLUTION USING AI FOR SMART TECHNOLOGY	M.Tech	MECHANICAL ENGINEERING	RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. NANDEESHA H L	Ms. VARSHA BN