

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus

## 45<sup>TH</sup> SERIES STUDENT PROJECT PROGRAMME:2021-22

### MIDTERM EVALUATION

**Date:** 27<sup>th</sup> June 2022 (Monday), 09:30 AM

**Session Link:** <https://meet.google.com/div-czyc-xfb>

**Note:** Only the below-mentioned project teams should join the session

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE COLLEGE	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1.	45S_BE_2312	DESIGN & FABRICATION OF UNDER WATER ROV FOR DETECTING FOREIGN BODIES	B.E.	MECHANICAL ENGINEERING	R.R. INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. CHANNABASAVARAJ. S	Msr. TABREJ ALAM ANSARI Mr. TRINAYAN BORTHAKUR Mr. AMIT KUMAR BHAGAT
2.	45S_BE_2256	IMPROVEMENT IN HEAT COLLECTION EFFICIENCY OF A SPIRAL SOLAR WATER HEATER BY USING SELECTIVE COATING	B.E.	MECHANICAL ENGINEERING	RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU	Dr. VISHWANATH.K.C Dr. N. SREENIVASALU REDDY	Mr. RANGANATH.S.R Ms. TEENU ANAND.B Mr. DINESH KUMAR.B.R Mr. DHANANJAY.N
3.	45S_BE_2843	EXPERIMENTAL INVESTIGATION OF PARABOLIC TROUGH COLLECTOR WITH TWISTED HELICAL RECEIVER TUBE	B.E.	MECHANICAL ENGINEERING	RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU	Dr. N SREENIVASALU REDDY	Mr. SANJAY N D Mr. PUNITH B S Mr. HARSHA K P Mr. NITHISH S
4.	45S_BE_3594	DESIGN AND FABRICATION OF AUTOMATED 360° MACHINE WITH SOUND WAVE BASED FIRE EXTINGUISHER	B.E.	MECHANICAL ENGINEERING	RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU	Dr. N SREENIVASALU REDDY Dr. VISHWANATH K C	Mr. JAYANTH KUMAR D Ms. SHILPA G Mr. PAVAN KUMAR M Mr. AKSHAYRAJ S NAIK
5.	45S_BE_3978	DESIGN AND DEVELOPMENT OF HYDROGEN BASED DUAL FUEL SI ENGINE	B.E.	MECHANICAL ENGINEERING	RAMAIAH UNIVERSITY OF APPLIED SCIENCES, BENGALURU	Dr. ANANTH. S. IYENGAR	Mr. PAVAN J GOWDA Mr. RAKSHITH R Mr. MANJUNATH Mr. AKHILESH S
6.	45S_BE_4043	DEVELOPMENT OF AN EFFECTIVE BATTERY THERMAL MANAGEMENT SYSTEM USING EVAPORATIVE COOLING TECHNIQUE	B.E.	MECHANICAL ENGINEERING	RAMAIAH UNIVERSITY OF APPLIED SCIENCES, BENGALURU	Mr. PRITAM BHAT	Mr. ABDUL MANNAN MUJAWAR Mr. SIDDHARTH TIWARI Ms. THANYA M E Mr. CHETHAN V

7.	45S_BE_2770	DESIGN & DEVELOPMENT OF AUTONOMOUS HYBRID LAWN MOWER	B.E.	MECHANICAL ENGINEERING	REVA UNIVERSITY, BENGALURU	Prof. PAVAN D	Mr. ASTHEEK G NADIG Mr. ANEESHWAR PADMANABH D Mr. AKASH PRAVEENRAO JAHAGIRDAR Mr. BHARATH KUMAR V
8.	45S_BE_4068	MACHINE LEARNING IN PREDICATING TRIBOLOGICAL BEHAVIOR OF AL7075-BERYL-GRAPHENE NANO MMCS MANUFACTURED BY MULTI-DIMENSIONAL FORGING PROCESS	B.E.	MECHANICAL ENGINEERING	REVA UNIVERSITY, BENGALURU	Dr. SHANAWAZ PATIL	Mr. TARUN K Mr. SUNIL KUMAR M Mr. SUMAN S Mr. SRIRANGA T R
9.	45S_BE_4236	FABRICATION OF VOICE AND FLEX ASSIST EXOSKELETON ARM FOR PARALYZED PEOPLE.	B.E.	MECHANICAL ENGINEERING	REVA UNIVERSITY, BENGALURU	Mr. NAGA SURESH BABU	Mr. ADARSH K SHETTY Mr. AMIT RAVI SASTRY Mr. ANIKETH. M Mr. ANUSH SADANANDA KOTIAN
10.	45S_BE_3415	DESIGN, ANALYSIS, FABRICATION OF SEMI AUTOMATED MULTI SEED SOWING AND FERTILIZER FEEDER	B.E.	MECHANICAL ENGINEERING	S.J.B. INSTITUTE OF TECHNOLOGY, BENGALURU	Ms. CHAITHRA B K	Mr. SHIVAKUMAR BARKI Mr. NAGESH K Mr. JAI SIDDHARTH.G Mr. VIGNESH.N
11.	45S_BE_1898	DEVELOPMENT OF ARECA NUT TREE CLIMBING AND HARVESTING MACHINE WITH PESTICIDE SPRAYER	B.E.	MECHANICAL ENGINEERING	S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA	Prof. PALAKSHAIHAH	Mr. MANOJ B G Ms. KEERTHI U Mr. KIRAN I M
12.	45S_BE_1939	SOFT ROBOTICS BASED VOICE CONTROLLED PROSTHETIC HAND	B.E.	MECHANICAL ENGINEERING	S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA	Dr. MALLARADHYA H M	Mr. PRAJWAL R Mr. SHAM SUNDAR G.K Ms. SHREEHARSHA A Mr. YATHISH GOWDA K.R
13.	45S_BE_4381	DEVELOPMENT OF EMISSION CONTROL AND PERFORMANCE IMPROVEMENT IN 4-STROKE SI ENGINE USING VAPORISED PETROL AS FUEL.	B.E.	MECHANICAL ENGINEERING	SAI VIDYA INSTITUTE OF TECHNOLOGY, BENGALURU	Mr. ARJUN S	Mr. N MUKESH Mr. MANOJ KUMAR V A Mr. NITESH SINGH Ms. SHARAD S
14.	45S_BE_3390	ANTI ROIT SHIELD WITH PEPPER SPRAY AND BLINDING LED	B.E.	MECHANICAL ENGINEERING	SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU	Dr. R.G.DESHPANDE	Mr. P K SASIDHAR Mr. PRAJWAL R Mr. THILAKRAJU V Ms. ASHA N
15.	45S_BE_3005	SURFACE PROPERTIES MODIFICATION TO ENHANCE MECHANICAL PROPERTIES,WEAR AND CORROSION BEHAVIOUR OF MATERIALS BY FRICTION STIR PROCESSING.	B.E.	MECHANICAL ENGINEERING	Sir M.VISVESVARAYA INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. PRASHAANT S HUMNABAD	Mr. PUNITH C H Mr. SHASHANK Mr. PAPPU Mr. ABHISHEK
16.	45S_BE_2392	MECHANICAL DESIGN AND FABRICATION OF FLY WHEEL ENERGY GENERATION RIG	B.E.	MECHANICAL ENGINEERING	SRI VENKATESHWARA COLLEGE OF ENGINEERING, BENGALURU	Dr. SHRISHAIL KAKKERI	Mr. H VARUN Mr. HEMANTH KUMAR UMPATHI Mr. SAGAR S H Mr. RAJA K
17.	45S_BE_3103	DESIGN AND DEVELOPMENT OF 3D PRINTED BITE FORCE MONITORING DEVICE FOR DENTAL APPLICATION	B.E.	MECHANICAL ENGINEERING	THE OXFORD COLLEGE OF ENGINEERING, BENGALURU	Mr. ANUP M UPADHAYAYA	Mr. NAVEEN KUMAR JAISHWAL Mr. BHARGAV REDDY S Mr. SHREYAS D Mr. AMITHKUMAR H P

18.	45S_BE_3115	DESIGN AND REALIZATION OF 3D PRINTED PULSE MONITORING PROBES	B.E.	MECHANICAL ENGINEERING	THE OXFORD COLLEGE OF ENGINEERING, BENGALURU	Mr. ANUP M UPADHYAYA	Mr. HARSHITH D Mr. RANJITH KUMAR V Mr. J JACKSON Mr. BHARATH KUMAR S
19.	45S_BE_3579	DESIGN AND FABRICATION OF A WIND TURBINE FOR LOW POWER APPLICATIONS	B.E.	MECHANICAL ENGINEERING	VEMANA INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. APARNA Mr. SAMPATH.T	Mr. GANESH.M Mr. RAMYA.R Mr. RAHUL.G Mr. SAI SURYA TEJA
20.	45S_BE_2135	TORREFACTION OF WOOD	B.E.	MECHANICAL ENGINEERING	VIVEKANANDA INSTITUTE OF TECHNOLOGY, BENGALURU	Mr. MANJUNATHA R	Mr. NIKHIL K Mr. DHANUSH B Mr. MANJUNATHA R