

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus

45TH SERIES STUDENT PROJECT PROGRAMME:2021-22

MIDTERM EVALUATION

Date: 27th June 2022 (Monday), 10:00 AM

Session Link: <https://meet.google.com/vpz-ybcw-dyi>

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_2961	AUTOMATIC TYRE PRESSURE AND METAL DETECTION SYSTEM IN FOUR WHEELER	B.E.	MECHANICAL ENGINEERING	DAYANANDA SAGAR UNIVERSITY, BENGALURU	Prof. SANDEEP M J	Mr. KRISHNA SHARMA V Ms. MEGHANA S S Mr. PAVAN B U Ms. VAISHNAVI VIJAY
2.	45S_BE_0226	DESIGN AND FABRICATION OF PULLEY BASED MOVABLE CRANE ROBOT	B.E.	MECHANICAL ENGINEERING	DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. RANGANATH S R	Mr. VISHAL Mr. ANILKUMAR K Mr. BHARATH S Mr. NAGENDRA M S
3.	45S_BE_0228	AUTOMATIC DETECTION AND PREVENTION OF ANIMAL IN AGRICULTURE FIELDS BY USING RENEWABLE RESOURCES	B.E.	MECHANICAL ENGINEERING	DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. RANGANATH S R	Mr. CHANDRA SHEKAR R Mr. ARUN YADAV Mr. NITHIN B Mr. MOHAN S
4.	45S_BE_0247	DESIGN AND FABRICATION OF BATTERY COOLING SYSTEM FOR ELECTRIC VEHICLE	B.E.	MECHANICAL ENGINEERING	DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU	Mr. VISHWANATH B R	Mr. RITHVIK S CHANDRA Mr. GANESH R Mr. PRAJWAL V A Mr. SHARATH KUMAR S
5.	45S_BE_0295	DESIGN AND FABRICATION OF PIEZO-ELECTRIC ENERGY HARVESTER FROM PRESSURE FORCES DEVELOPED IN AUTOMOTIVE TYRES	B.E.	MECHANICAL ENGINEERING	DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU	Mr. MANJUNATH M V	Mr. SHIVANNA D T Mr. AKSHAY KUMAR C Mr. VARUN N Mr. RAKESH N
6.	45S_BE_0632	FABRICATION OF COVID PROTECTION SANITIZATION MACHINE FOR PACKAGING AND DELIVERY OF PRODUCTS	B.E.	MECHANICAL ENGINEERING	DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU	Mr. K M KIRAN KUMAR	Mr. KISHORE RAJ M Mr. SHARATH SINGH R Mr. DHUREEN KUMAR HP Mr. NAVEEN N

7.	45S_BE_2328	LOW COST SOLAR CUM BATTERY POWERED HYBRID CHAINLESS DRIVE SYSTEM TRICYCLE FOR PHYSICAL CHALLENGED PERSONS.	B.E.	MECHANICAL ENGINEERING	Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. RAJESH M Dr. MOHAN KUMAR B	Mr. SANTOSH Mr. UMESH Mr. C CHETAN Mr. VISWANATHA N
8.	45S_BE_4656	FABRICATION OF PNEUMATIC BUMPER WITH INTELLIGENT REVERSE BRAKING SYSTEM	B.E.	MECHANICAL ENGINEERING	EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. ANNAPOORNA K Prof. ANNAPOORNA K	Ms. BICKY KUMAR GUPTA Mr. ASHNARAYAN MAJHI Mr. RAJESH DUBEY Mr. MOHAMMED MUTHAHEER
9.	45S_BE_4130	TINY ASHER	B.E.	MECHANICAL ENGINEERING	GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU	Dr. SHREEKALA N	Ms. G MEENAKSHI SUNDARAM Mr. KEERTHAN R Mr. KIRAN KUMAR B S Mr. AKASH U
10.	45S_BE_2686	DESIGN AND DEVELOPMENT OF AN IOT BASED MOBILITY REHABILITATION DEVICE INTEGRATED WITH GAIT PATTERN RECORDING DEVICE FOR ELDERLY AND PHYSICALLY CHALLENGED.	B.E.	MECHANICAL ENGINEERING	J.S.S. ACADEMY OF TECHNICAL EDUCATION, BENGALURU	Dr. GOWREESH SUBRAMANYA S Ms. D. N.ROOPA	Mr. KESHAVAMURTHY P S Ms. RAMYASHREE.T Ms. KAVYA B Mr. MANOJ S
11.	45S_BE_3511	DESIGN AND FABRICATION OF AUTOMATED PESTICIDE SPRAYING ROBOT FOR GREENHOUSE PLANTS	B.E.	MECHANICAL ENGINEERING	J.S.S. ACADEMY OF TECHNICAL EDUCATION, BENGALURU	Dr. ANANDKUMAR R ANNIGERI	Mr. MONISH GOWDA K M Mr. ANIRUDHH M KALKUR Mr. NAGARJUN H R Mr. PAVAN V MURTHY
12.	45S_BE_3623	DESIGN AND DEVELOPMENT OF MANUAL PORTABLE COCONUT DE HUSKING MACHINE	B.E.	MECHANICAL ENGINEERING	J.S.S. ACADEMY OF TECHNICAL EDUCATION, BENGALURU	Mr. SRIKANTAMURTHY J S Dr. GOWREESH SUBRAMANYA S	Mr. SANDEEP .C Mr. PRAJWAL D Mr. RANGANATH R Mr. SANKETH SP
13.	45S_BE_3679	FABRICATION OF PLASTIC BRICKS USING DIFFERENT ADDITIVES	B.E.	MECHANICAL ENGINEERING	J.S.S. ACADEMY OF TECHNICAL EDUCATION, BENGALURU	Mr. SRIKANTAMURTHY J S Dr. GOWREESH SUBRAMANYA S	Mr. SHARATH KOTEGAR Mr. SAGAR S M Mr. SHRINIDHI Mr. SATHEESHA V N
14.	45S_BE_3842	DEVELOPMENT OF INNOVATIVE SMART PACKAGING SYSTEMS: SENSORS TO MONITOR FRUIT QUALITY	B.E.	MECHANICAL ENGINEERING	J.S.S. ACADEMY OF TECHNICAL EDUCATION, BENGALURU	Dr. G. M. SWAMY Dr. B. MAHESH	Ms. VAISHNAVI S Mr. TARUN GANGADHAR Mr. VISHWAS S
15.	45S_BE_4601	THE IMPACT OF MATERIAL AFFINITY ON THE QUALITY OF THE BOUNDARY INTERFERENCE IN MULTI-MATERIAL 3D PRINTING.	B.E.	MECHANICAL ENGINEERING	J.S.S. ACADEMY OF TECHNICAL EDUCATION, BENGALURU	Dr. SURESH HOLI Dr. SANJAI RAJ VIJAYAVENKATARAMAN	Mr. ROHIT Y R Mr. PRAJVAL M Mr. PRATHEEK M GOUTHAM Mr. SATISH KUMAR P
16.	45S_BE_0971	FABRICATIONB OF SOLAR OPERATED SMART HYDROPHONICS SYSTEM FOR FODDER FEED GROWING	B.E.	MECHANICAL ENGINEERING	K.N.S. INSTITUTE OF TECHNOLOGY, BENGALURU	Mr. TABREEZ AHMED Mr. AZEEM PASHA	Mr. SUMANTH S Mr. MANOJ BALAKRISHNA BHAT Mr. MOHAMMED UMAIR S Mr. JAYANTH GOWDA Y R
17.	45S_BE_4334	DESIGN AND FABRICATION OF PIPE INSPECTION ROBOT	B.E.	MECHANICAL ENGINEERING	K.N.S. INSTITUTE OF TECHNOLOGY, BENGALURU	Mr. VIJAY MAHANTESH Mr. AZEEM PASHA	Mr. SUMANTH C Mr. DATTA KEERTHI P Mr. PAVAN KUSHWAHA Mr. THARUN KUMAR T M

18.	45S_BE_4069	FABRICATION OF SONAR GLASSES FOR VISUALLY IMPAIRED PEOPLE	B.E.	MECHANICAL ENGINEERING	K.S. INSTITUTE OF TECHNOLOGY, BENGALURU	Mr. RAJESH G L	Mr. HARISH B Mr. DARSHAN G Mr. K JEEVAN KUMAR Mr. MANOJ A
19.	45S_BE_3289	DESIGN AND DEVELOPMENT OF FIXED WING MULTIROTOR UAV FOR QUICK MEDICAL RESPONSE	B.E.	MECHANICAL ENGINEERING	K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU	Dr. BALAJI B	Mr. ARUN V Mr. YASHWANTH B S Mr. RALLAPALLI CHANUKYA Mr. KOUSHIK K
20.	45S_BE_4246	DESIGN AND DEVELOPMENT OF LIGHTWEIGHT MEDICAL DRONE COMPARTMENT	B.E.	MECHANICAL ENGINEERING	M.V.J. COLLEGE OF ENGINEERING, BENGALURU	Dr. SUNIL SHANKAR WADDAR	Mr. UDAYSIMHA V Mr. PUNYAKEERTHY G R Mr. PURUSHOTHAM M Mr. IMAM BASHA P
21.	45S_BE_1901	HYBRID ENERGY GENERATION BY VERTICAL WIND TURBINE USING A SOLAR TRACKER	B.E.	MECHANICAL ENGINEERING	N.M.A.M. INSTITUTE OF TECHNOLOGY, NITTE	Mr. RAVIKIRAN KAMATH B Dr. SANTHOSH G	Mr. SUJITH KUMAR Mr. SIDDANTH V K Mr. SHETTY VIREN RAMCHANDRA
22.	45S_BE_3871	COMPARISON STUDIES OF GRAPHITE AND STEEL BIPOLAR PLATE FUEL CELL FOR POWER APPLICATION	B.E.	MECHANICAL ENGINEERING	N.M.A.M. INSTITUTE OF TECHNOLOGY, NITTE	Mr. ANEESH JOSE	Mr. R SANJAY SHENOY Mr. RAHUL SHANBHOGUE K Mr. ROHITH SHETTY Mr. SHAMIL ABDUL HAMEED
23.	45S_BE_3970	SOLAR POWERED LAKE CLEANING MACHINE	B.E.	MECHANICAL ENGINEERING	N.M.A.M. INSTITUTE OF TECHNOLOGY, NITTE	Mr. AUSTIN DINESH DSOUZA	Mr. VINAY SANTOSH CHIPKAR Mr. PRAVEENA HEMANAGOWDA PATILA Mr. SHARANAPPA GUROOJI Mr. MARUTI R JUVATKAR
24.	45S_BE_4223	CONVECTIVE HEAT TRANSFER ANALYSIS AND DEVELOPMENT OF COOLING SYSTEM FOR FUEL CELLS	B.E.	MECHANICAL ENGINEERING	N.M.A.M. INSTITUTE OF TECHNOLOGY, NITTE	Mr. SUDESH BEKAL Mr. ANEESH JOSE	Mr. SAMEER G Mr. LEELADHAR ABHIJEETH SHETTY
25.	45S_BE_4309	DEVELOPMENT OF DURABLE BUILDING WINDOW MECHANISM WITH IMPROVED SAFETY USING SUSTAINABLE LOW-COST MATERIALS	B.E.	MECHANICAL ENGINEERING	N.M.A.M. INSTITUTE OF TECHNOLOGY, NITTE	Dr. SHASHIKANTHA KARINKA Dr. ANANTHAKRISHNA SOMAYAJI	Mr. KINI GURPUR VIGNESH Mr. SHRAVAN KUMAR