

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus

45TH SERIES STUDENT PROJECT PROGRAMME:2021-22

MIDTERM EVALUATION

Date: 2nd July 2022 (Saturday), 09:00 AM

Session Link: <https://meet.google.com/scw-vjqu-whr>

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_2205	ENHANCEMENT OF AERODYNAMIC EFFICIENCY OF THE CORRUGATED AEROFOIL WITH ACTIVE AND PASSIVE FLOW TECHNIQUE.	B.E.	AERONAUTICAL ENGINEERING	S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA	Prof. VIDYASHREE K R	Mr. PRASAD BELGUNDKAR Mr. NARINDER KUMAR Mr. CHAVALI BHIMA SANKARAM Mr. UMESH RANA
2.	45S_BE_4448	FABRICATION AND TESTING OF BANANA AND ORANGE PEEL FIBER REINFORCED BIODEGRADABLE COMPOSITE FOR DISK BRAKE PAD APPLICATIONS	B.E.	AERONAUTICAL ENGINEERING	A.C.S. COLLEGE OF ENGINEERING, BENGALURU	Dr. G. RAMANAN	Mr. NIKHIL RAO B Mr. MONIK KUMAR M V Ms. MOUNIKA S Ms. RAKSHITHA PATEL S M
3.	45S_BE_4055	DESIGN AND OPTIMIZATION OF TANDEM WING AIRCRAFT	B.E.	AERONAUTICAL ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. RUDRESH M	Mr. NIKHIL N Ms. NAYAN GANGULI Mr. NIKHIL T Mr. S N NAGASHARAN
4.	45S_BE_4237	HELIUM-ASSISTED HYBRID DRONE FOR FLIGHT TIME ENHANCEMENT	B.E.	AERONAUTICAL ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. SRIKANTH SALYAN Prof. V YAMINI ANOOSHA	Mr. MADHAN KUMAR Mr. AJITH KUMAR S B Mr. PRAMOD K Mr. V SREEKANTH
5.	45S_BE_4460	EXPERIMENTAL INVESTIGATION OF FILM COOLING IN COMBUSTOR LINERS	B.E.	AERONAUTICAL ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Prof. SURESH P	Mr. GAGANDEEP K Mr. SASWATH M Mr. BANDILA AKHIL PAVAN Mr. LOKESH G
6.	45S_BE_4621	DESIGN AND DEVELOPMENT OF PROJECTILE WITH NET LAUNCH MECHANISM FOR DRONE NEUTRALIZATION	B.E.	AERONAUTICAL ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Ms. YAMINI ANOOSHA	Mr. JAI KRISHNAN M Ms. HARSHITHA S SHANKARA Mr. VISHNU PRIYA G M Ms. S CLARA ANTHONETH

7.	45S_BE_0335	DESIGN OPTIMIZATION AND PROTOTYPING OF ELECTRIC BIKE FRAME WITH CONVENIENT FRONTAL STORAGE UNIT	B.E.	AUTOMOBILE ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. S. JENORIS MUTHIYA	Mr. AAKASH K P Mr. B.R.ROHIT Mr. SUDEEP.V Mr. VENKATESH GOWDA B.S
8.	45S_BE_4650	DESIGN AND ANALYSIS OF SODIUM ION BATTERY	B.E.	AUTOMOBILE ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. JENORIS MUTHIYA S	Mr. ANSHUL AKARSH Mr. FAZAL UR REHMAN Mr. AKANSH SHARMA Mr. MD ANWAR CHIKLE
9.	45S_BE_3574	DESIGN, FABRICATION and PERFORMANCE EVALUATION of HYBRID MOTOR CYCLE	B.E.	AUTOMOBILE ENGINEERING	THE OXFORD COLLEGE OF ENGINEERING, BENGALURU	Dr. RAJU B R Mr. PRADEEP C	Mr. TEJA M H Mr. MOHAMMAD WAEIZ AHEMD MANAAM Mr. MAYANK RAJPUT Mr. MOHAMMED IMADUDDIN
10.	45S_BE_3455	FABRICATION OF VALVELESS PULSEJET ENGINE	B.E.	AERONAUTICAL ENGINEERING	KARAVALI INSTITUTE OF TECHNOLOGY, MANGALURU	Dr. RAVINDRA BABU G	Ms. DEEKSHITHA Mr. SHREYAS S P Ms. LAKSHMI B S Ms. AISHWARYA KIRAN G K
11.	45S_BE_3461	VOICE OPERATED COMMAND SYSYTEM FOR COCKPIT INSTRUMENT	B.E.	AERONAUTICAL ENGINEERING	KARAVALI INSTITUTE OF TECHNOLOGY, MANGALURU	Dr. RAVINDRA BABU G Prof. TRIVIKRAM PRABHU	Ms. MONISHA K Mr. SHIVAKUMARA T S Mr. VINAY KUMAR B Ms. B M DEEKSHITHA
12.	45S_BE_3481	DESIGN AND FABRICATION OF MORPHING ARM DRONE FOR AGRICULTURE MAPPING USING GPS	B.E.	AERONAUTICAL ENGINEERING	KARAVALI INSTITUTE OF TECHNOLOGY, MANGALURU	Dr. RAGHU CHAND R	Mr. YATHEESH K N Mr. ARUN M KATWE Ms. CHANDANA D Ms. SOUMYA C M
13.	45S_BE_3560	VTOL (VERTICAL TAKE OFF AND LANDING) QUAD PLANE	B.E.	AERONAUTICAL ENGINEERING	KARAVALI INSTITUTE OF TECHNOLOGY, MANGALURU	Dr. RAVINDRA BABU G Mr. NAVEEN P	Mr. MOHAMMED SHAHEED Mr. SHAHID AFRIDI Mr. SHIEK HAFEEZ Mr. PRUTHVI U S
14.	45S_BE_3580	HAND GESTURE CONTROLLED DRONE	B.E.	AERONAUTICAL ENGINEERING	KARAVALI INSTITUTE OF TECHNOLOGY, MANGALURU	Mr. TRIVIKRAM PRABHU Dr. RAVINDRA BABU G	Mr. SHAIK MOHAMMED FARAZ Mr. PARVEZ AHMED Mr. MOHAMMED FAIZAN Mr. SAEESH RANE
15.	45S_BE_1572	FABRICATION AND TESTING OF COMPOSITE FROM SUGARCANE BAGASSE AND LDPE FOR SIRI CULTURE	B.E.	AERONAUTICAL ENGINEERING	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOOBBIDRI	Mr. VISHWARETHA K R	Ms. APEKSHA BASAVARAJ HALAGATTI Ms. NAMRATHA G M Mr. SHARATH Mr. SHIVKUMAR M J
16.	45S_BE_2185	CONCEPTUAL BLADELESS WINDMILL	B.E.	AERONAUTICAL ENGINEERING	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOOBBIDRI	Mr. SUJESH KUMAR	Ms. APOORVA B.R Mr. RAHUL UPADYA R Mr. SUHAS H M
17.	45S_BE_2887	AIRBORNE HYBRID POWER GENERATION FOR ELECTRIC VEHICLE CHARGING	B.E.	AERONAUTICAL ENGINEERING	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOOBBIDRI	Mr. AJITH KUMAR Mr. VISHWARETHA K R	Mr. ROLAND FERNANDES Mr. SHIVA PRASAD K A Mr. PRAMOD NARAGUND Mr. AHMED RIZA AHNAF

18.	45S_MTech_024	QUADROTOR TRAJECTORY TRACKING USING NONLINEAR MODEL PREDICTIVE CONTROLLER WITH OBSTACLE AVOIDANCE	M.Tech	AEROSPACE ENGINEERING	MANIPAL INSTITUTE OF TECHNOLOGY, MANIPAL	Dr. SHREESHA CHOKKADI Dr. THIRUNAVUKKARASU INDIRAN	Ms. SONU N
19.	45S_BE_2137	ROBOTIC ARM INSTALLED FRUIT PLUCKING UAV- BASED ON AI	B.E.	AERONAUTICAL ENGINEERING	SRINIVAS INSTITUTE OF TECHNOLOGY, MANGALURU	Mr. SRINIDHI KUKKILA	Ms. NAVNEET SONI Mr. NAVEEN KUMAR T M Mr. VARDHAMAN R VASAWADE Mr. NITHIN KUMAR H K
20.	45S_BE_2738	SIGNAL JAMMING AND COMMUNICATION INTERRUPTION USING QUAD TILT WING VERTICAL TAKEOFF AND LANDING UNMANNED AERIAL.VEHICLE TECHNOLOGY FOR THE APPLICATION OF ANTI DRONE	B.E.	AERONAUTICAL ENGINEERING	SRINIVAS INSTITUTE OF TECHNOLOGY, MANGALURU	Dr. GANGADHARA RAO	Ms. BABITHA C M Ms. AMRTHESWARI B U Mr. NITHIN V Mr. SUPRITH D R
21.	45S_BE_2784	VORTEX BASED MULTI-BLADES WINDMILL	B.E.	AERONAUTICAL ENGINEERING	SRINIVAS INSTITUTE OF TECHNOLOGY, MANGALURU	Dr. RAMAKRISHNA N HEGDE	Ms. SHWETA IRAGAR Ms. SNEHA K M Ms. BHARANI G Mr. DEVEGOUDA