

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), 09:00 AM

Session Link: <https://meet.google.com/vdy-xytd-ggh>

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_4310 | NON- CONVENTIONAL MATERIALS FOR ELECTROMAGNETIC NOISE SUPPRESSION | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU | Dr. SUJATHA B | Mr. THEJAS BASAVARAJAPPA Mr. RISHI PACHIPULUSU Mr. SINCHAN HEGDE Mr. VIVEK BAPU TANDALE |
| 2. | 45S_BE_0767 | COMPUTING VOLUMETRIC FLOW RATE AND STORING THE DATA IN WEBSITE | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA | Mr. RAVI M V | Ms. NISARGA Y P Ms. MANASA C Ms. PAVANI K N Ms. POOJA M |
| 3. | 45S_BE_0844 | VICTIM RESCUE FROM OPEN BOREWELL | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA | Mr. RAVIKIRAN R Mr. RAVI M V | Ms. TALAMARLA VISHNU SREELATHA Mr. SPARSHA S REDDY Mr. SWAGATH M Mr. VINOD M |
| 4. | 45S_BE_0878 | POLE CLIMBING ROBOT FOR CONNECTING DISTRIBUTION LINES | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA | Prof. VEENA S | Ms. GREESHMA T S Ms. BHARGAVI K Ms. CHANDRAKALA M R Ms. SUDHA S V |
| 5. | 45S_BE_1105 | HYDROPONICS FARMING USING DUAL-AXIS SOLAR TRACKING SYSTEM | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA | Ms. SHWETHA V | Mr. YASHAS G Ms. YASHIKAPRIYADARSHINI D V Ms. YOGITHA J R |
| 6. | 45S_BE_1131 | CAMOUFLAGE MILITARY ROBOT | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA | Mr. RAVI KIRAN R | Ms. NAZIA |

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| 7. | 45S_BE_1173 | IMPLEMENTATION OF REAL TIME HAND GESTURES FOR 3D HOLOGRAPHIC DISPLAY USING ARTIFICIAL INTELLIGENCE | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA | Dr. S BHARGAVI | Ms. EPPARLA PADMINI Ms. BHOOMIKA R Ms. K NIKHILA Ms. KAVYA T |
| 8. | 45S_BE_1246 | IOT BASED SMART SECURITY AND SURVEILLANCE SYSTEM | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA | Mr. MANJUNATHA SIDDAPPA Mr. RAVI M V | Mr. NELSON V I Mr. PRASHANTH KUMAR G B Ms. PRATHIMA S Ms. MOUNICA V |
| 9. | 45S_BE_2385 | A LOW COST MULTI-SENSOR FOR INVESTIGATING THE STRUCTURAL RESPONSE OF STRUCTURES | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA | Dr. NAGENDRA KUMAR M | Ms. JALAJERLA PRAVALIKA Ms. BRUNDA N Ms. DHANALAKSHMI Y S Ms. HAMSA V |
| 10. | 45S_BE_4441 | DESIGN AND IMPLEMENTATION OF VTOL UNMANNED AERIAL VEHICLE FOR SURVEILLANCE | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | SAI VIDYA INSTITUTE OF TECHNOLOGY, BENGALURU | Mr. AKSHITH MONNAPPA K | Mr. MANJUNATH R L Mr. KUSHAL KUMAR K S Mr. MANOJ S Ms. MARIA FRANCIS D |
| 11. | 45S_BE_4554 | UNIVERSAL FAST CHARGING STATION FOR ELECTRIC VEHICLES AND BATTERY MANAGEMENT SYSTEM | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | SAI VIDYA INSTITUTE OF TECHNOLOGY, BENGALURU | Dr. MANORANJAN KUMAR | Ms. SUSHMITHA R Ms. TEJASWINI J Ms. V.HEMANTHA KUMARI Ms. K HARSHITHA |
| 12. | 45S_BE_0420 | ERRAND RIDER BOT | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | SAMBHRAM INSTITUTE OF TECHNOLOGY, BENGALURU | Ms. S SOWNDESWARI | Ms. TANYA R Mr. HEMANTH.K.GOWDA Mr. MADHUSHREE.R Mr. SANDEEP.S |
| 13. | 45S_BE_0427 | AUTOMOBILE BLACK BOX | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | SAMBHRAM INSTITUTE OF TECHNOLOGY, BENGALURU | Dr. SAPNA M K | Mr. NUMAN SHARIFF Mr. ANANDHAN VS |
| 14. | 45S_BE_0519 | SOLAR POWERED E-VEHICLE | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | SAMBHRAM INSTITUTE OF TECHNOLOGY, BENGALURU | Ms. SHILPA CHIPPALAKATTI | Ms. DIVYASHREE J A Ms. BHAVYASHREE R Ms. BLESSICA SARADONA R |
| 15. | 45S_BE_0626 | AQUABOT | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | SAMBHRAM INSTITUTE OF TECHNOLOGY, BENGALURU | Ms. MANJULA G HEGDE | Ms. CHAYA V Ms. SAHANA H K Ms. RAJINI V Ms. BHAVANA B.V |
| 16. | 45S_BE_1443 | PARAFFIN LEVEL DETECTOR IN EDIBLE OIL USING IoT | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | SAMBHRAM INSTITUTE OF TECHNOLOGY, BENGALURU | Dr. SHREESHA KALKOOR. | Mr. SHASHANTH GOWDA H C Ms. ARPITHA H.S Mr. VIJAY KUMAR. S Mr. YOGANANDA M.N |
| 17. | 45S_BE_2917 | ANDROID CONTROLLED WILDLIFE OBSERVATION ROBOT | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU | Prof. PRATHIBHA P Prof. AGALYA P | Mr. RAKSHITH D Mr. NIKHIL M KUMAR Mr. SHASHANK S |

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| 18. | 45S_BE_3534 | INTELLIGENT PACKAGING SOLUTION | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU | Prof. SHOBHA HUGAR Dr. PRAKASH JADHAV | Mr. NITISH R Mr. HARSHA R L Mr. PAVANKUMAR G V Mr. UJWAL S |
| 19. | 45S_BE_4474 | SOLAR FLOOR CLEANER | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU | Ms. VEENA N Mr. PRAKASH JADHAV | Ms. NIHARIKA R H Mr. RANBIR KUMAR SINGH Mr. SHUBHAM KUMAR Ms. SPOORTHI M |
| 20. | 45S_BE_3212 | WATER PURIFICATION USING SOLAR ENERGY AND GENERATION OF HYDROELECTRICITY | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | SRI VENKATESHWARA COLLEGE OF ENGINEERING, BENGALURU | Dr. JIJESH J J | Ms. MALLIKA Y D Ms. ANJALI S Ms. KRUTHIKA J V Ms. KUSUMA J B |
| 21. | 45S_BE_3243 | REAL TIME ALERT SYSTEM FOR DISTRIBUTION TRANSFORMER USING IOT | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | SRI VENKATESHWARA COLLEGE OF ENGINEERING, BENGALURU | Mr. RAVINDRA KUMAR M | Ms. AKSHATA TIMMAARADDI MASTI Ms. CHATURYA P Ms. KEERTHIPRIYA S N Ms. MEGHANA S |
| 22. | 45S_BE_3274 | MODULAR DRAGON FLY | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | SRI VENKATESHWARA COLLEGE OF ENGINEERING, BENGALURU | Mr. MANJU D | Ms. ANNAPOORNA H M Ms. BHOOMIKA S BIDARI Ms. MAMATHA S Mr. YESHWANTH GOWDA R M |
| 23. | 45S_BE_3278 | SECURE KEY MANAGEMENT WITH FUEL THEFT AND VEHICLE ANTI-THEFT ALERT | B.E. | ELECTRONICS AND COMMUNICATION ENGINEERING | SRI VENKATESHWARA COLLEGE OF ENGINEERING, BENGALURU | Prof. SARALA T | Ms. K N DEEPSHI Ms. JYOTHI B Mr. VENKAT BHARGAV |