

**Karnataka State Council for Science and Technology**  
 Indian Institute of Science campus, Bengaluru  
**44th Student Project Programme**  
**Online Evaluation**

Date: 16th August 2021

Time:9.30 am

**CIVIL ENGINEERING - 19**

| Sl. No: | PROJECT REFERENCE No. | PROJECT TITLE   | COLLEGE   | GUIDE                                       | STUDENTS  |
|---------|-----------------------|---|---|---|---|
| 1       | 44S_BE_1202           | USE OF WASTE PLASTIC UNPAVED ROADS FOR RURAL ROADS AND COMPARISON WITH NORMAL BITUMINOUS ROADS                        | EAST POINT COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU | Dr. NAGARAJ SITARAM<br>Mr. M. VIDYASHANKAR  | Ms. SHILPA SHREE S<br>Mr. SANJU KUMAR R<br>Mr. MANOHAR E<br>Ms. SUMAN DEVI B            |
| 2       | 44S_BE_1303           | ECO-FRIENDLY-LOW-COST POLYMER BASED FLOORING  | EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU                | Dr. SHASHISHEKHAR T R<br>Dr. ANIL KUMAR M R | Ms. VIDYASHREE K<br>Mr. SUHAS D V<br>Mr. REVANTH C<br>Ms. TEJASWINI C                   |
| 3       | 44S_BE_1381           | EXPERIMENTAL INVESTIGATION ON MECHANICAL PROPERTIES OF INTERLOCKING BRICKS  | EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU                | Ms. SHILPA B S                              | Mr. JAYASURYA M S<br>Mr. DINESH KUMAR D<br>Mr. HARISHA H<br>Mr. CHETHAN A T             |
| 4       | 44S_BE_3124           | DEVELOPMENT OF ELECTROCHEMICAL SENSORS FOR INDUSTRIAL APPLICATIONS.   | EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU                | Dr. SHASHISHEKHAR T R<br>Dr. N RAGHAVENDRA  | Ms. HARSHITHA B<br>Ms. HARSHITHA M<br>Ms. DEEPIKA S R<br>Ms. DEEPIKA G                  |
| 5       | 44S_BE_3190           | DETERMINATION OF TENSILE PROPERTY OF BAMBOO AND BAMBOO TWING AND STUDY OF IT'S BEHAVIOUR AS REINFORCED CONCRETE BEAM. | G. MADEGOWDA INSTITUTE OF TECHNOLOGY, MADDUR                | Ms. RAKSHITHA M N                           | Ms. HARSHITH G S<br>Mr. MAHADEVA PRASAD D J<br>Mr. JAYASHANKAR M<br>Mr. KIRAN KUMAR K N |
| 6       | 44S_BE_3852           | STUDY OF UTILIZATION OF IRON ORE TAIL AS REPLEACEMENT TO FINE AGGREGATE IN CONCRETE                                   | G. MADEGOWDA INSTITUTE OF TECHNOLOGY, MADDUR                | Mr. MANU A N<br>Mr. MAHADEVA C K            | Ms. SUSHMA S<br>Ms. CHANDRIKA M D<br>Ms. SRUSTI K S<br>Ms. SUSHMA S                     |
| 7       | 44S_BE_3892           | EVALUATION OF A DIFFERENT LOW COST FILTER MATERIALS FOR THE WATER QUALITY IMPROVEMENT                                 | G. MADEGOWDA INSTITUTE OF TECHNOLOGY, MADDUR                | Ms. RAKSHITHA M N                           | Ms. SINCHANA K S<br>Ms. PUSHPALATHA R<br>Ms. GEETHA K S<br>Ms. POORVISHA G MURTHY       |
| 8       | 44S_BE_3894           | HUMAN HAIR FIBER REINFORCEMENT CONCRETE   | G. MADEGOWDA INSTITUTE OF TECHNOLOGY, MADDUR                | Mrs. ARPITHA A                              | Mr. PREETHAM V<br>Ms. SHIVARATHNA C S<br>Ms. SHYLAJA M K<br>Ms. SUMA S                  |

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| 9  | 44S_BE_1105 | SUSTAINABLE IRRIGATION USING SENSORS FOR ARECA CROP TO INCREASE YIELD AND CONSERVE WATER                                    | G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE       | Dr. MOHAMMAD YASEEN                            | Mr. DHARSHAN M C<br>Mr. LOHITH H LAKKOL<br>Ms. PALLAVI C P<br>Ms. VARSHA N KULKARNI                           |
| 10 | 44S_BE_1106 | RECTIFICATION OF ACCIDENTAL BLACK SPOTS AND REMEDIAL MEASURES FOR TRAFFIC SAFETY IN DAVANAGERE SMART CITY                   | G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE       | Dr. MOHAMMED YASEEN                            | Mr. AFNANKHAN.A.BADAGI<br>Ms. POOJA.B.M<br>Ms. POOJA S SOMANAHALLI<br>Mr. VIJAY.C.B                           |
| 11 | 44S_BE_1107 | AN EXPERIMENTAL INVESTIGATION ON STRENGTH PROPERTIES OF FIBROUS FERRO CEMENT  | G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE       | Mr. Y B BHARATHARAJ ETIGI                      | Mr. ZABIULLA TUMMINKATTI<br>Ms. RASHMI C<br>Ms. SHWETHA S<br>Mr. IBRAHIM KHALEEL                              |
| 12 | 44S_BE_2562 | DECIPHERING GROUNDWATER POTENTIAL ZONE IN HARIDRA RIVER OF HARIHARA TALUK, DAVANAGERE DISTRICT USING REMOTE SENSING AND GIS | G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE       | Dr. ARUN KUMAR S L                             | Ms. ROOPA G R<br>Mr. AARON JOYSON D<br>Mr. HARSHA G H<br>Ms. TANMAYI M R                                      |
| 13 | 44S_BE_2564 | THE MECHANICAL PROPERTIES OF POLYPROPYLENE FIBER REINFORCED CONCRETE WITH SILICA FUME AS A PARTIAL REPLACEMENT OF CEMENT    | G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE       | Mr. HANUMESH BM                                | Mr. RAGHAVENDRA G<br>Mr. RAMKUMAR H<br>Mr. AMITH D A<br>Ms. SRIVAMSHI CHOWDARY P                              |
| 14 | 44S_BE_1320 | DEVELOPMENT OF WATER PURIFICATION BY DIFFERENT LOW COST HERBAL FILTRATION MATERIALS   | GIRIJABAI SAIL INSTITUTE OF TECHNOLOGY, KARWAR | Prof. VAIBHAV R. SHIRODKAR                     | Mr. SARVESH SANDEEP KONURI<br>Mr. BANDODKAR NIHAL NILESH<br>Mr. AMIT KUMAR BHARATI<br>Ms. DIVYA DEVIDAS PARAB |
| 15 | 44S_BE_2384 | UTILIZATION OF WASTE PET BOTTLES IN CONCRETE AS AN INNOVATIVE COMPOSITE BUILDING MATERIAL                                   | GIRIJABAI SAIL INSTITUTE OF TECHNOLOGY, KARWAR | Prof. VAIBHAV R. SHIRODKAR                     | Mr. PRATHAMESH . D. PAWASKAR<br>Ms. POOJA P.NAIK<br>Mr. KOSHI ROSHAN JAMES<br>Ms. PRATIKSHA D. PAWASKAR       |
| 16 | 44S_BE_0433 | STUDIES ON CRACKS, CRACK PATTERNS AND DEFLECTION IN RC BEAMS UNDER DIFFERENT BOUNDARY CONDITIONS.                           | THE NATIONAL INSTITUTE OF ENGINEERING, MYSURU  | Dr. N.C. BALAJI                                | Ms. YOGESHWARI<br>Ms. THEJASWINI B.K.<br>Ms. SRUJANA R<br>Mr. RAHULNAYAKA M                                   |
| 17 | 44S_BE_0436 | THERMAL PERFORMANCE BEHAVIOUR OF RAMMED EARTH WALLS IN TEMPERATURE CLIMATIC CONDITION OF INDIA                              | THE NATIONAL INSTITUTE OF ENGINEERING, MYSURU  | Dr. N.C BALAJI                                 | Mr. SHAMSHEERAP E<br>Mr. PRASHANTH K<br>Mr. SRIHARI RAO G<br>Ms. SANJANA MAHESH                               |
| 18 | 44S_BE_0438 | EXPERIMENTAL INVESTIGATION ON USAGE OF EXPANDED POLYSTYRENE AS FINE AGGREGATE IN CONCRETE PAVER BLOCKS                      | THE NATIONAL INSTITUTE OF ENGINEERING, MYSURU  | Mr. MADAN KUMAR L                              | Ms. ARJUMAND TAHURA<br>Mr. C B PUNITH GOWDA<br>Mr. ABHISHEK S M<br>Ms. JAYA SINGH                             |
| 19 | 44S_BE_1843 | IMPLEMENTATION OF RENEWABLE ENERGY MICROGRID AT HEMMIGE HAADI VILLAGE HAMLET OF HUNSUR TALUK, MYSORE DISTRICT.              | THE NATIONAL INSTITUTE OF ENGINEERING, MYSURU  | Mr. VADIRAJ RAO N R<br>Mr. SHAMSUNDAR SUBBARAO | Ms. PAVITHRA H S<br>Mr. PRASAD S<br>Ms. SANJANA T N<br>Mr. PRAJWAL B K  |