

E.G.S.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM**DEPARTMENT OF CIVIL ENGINEERING****PROJECT EVALUATION REPORT (A SECTION)**

Academic Year : 2020-2021

1704CE851-PROJECT WORK

Batch: 2018-2021

| B.No | Student Name | Register Number | Title of the Project | Supervisor Name | Specialization | Justification for Project |
|------|--|--|--|-------------------|---------------------------|-----------------------------------|
| 1. | HARUNRASEEDM MAHMOODANASMAH AMOODSALEEM NITHISHBALASUBRA MANIANO MADHANKUMARR | E17CER035 E17CER051 E17CER066 E17CER049 | DETERMINATION OF AIR QUALITY INDEX AND ITS IMPACT ON HUMAN HEALTH IN CHENNAI CITY | S.ANANDKUMARVARMA | Environmental engineering | Research oriented |
| 2. | MANIKANDANR MUHAMEDHANIFFM HARONAHMEDM VENKATAPRASATHK | E17CEL308 E17CEL309 E17CEL305 E17CEL317 | STUDY THE PERFORMANCE OF PARTIAL REPLACEMENT OF COPPER SLAG AND GLASS POWDER AS FINE AGGREGATE IN CONCRETE | V.BALASUBRAMANI | Structural engineering | Partial replacement of aggregates |
| 3. | SELVAGANABATHIS SRIRAMAN.S SAROSEKUMAR K VASANTHAKUMARJ | E17CER086 E17CER094 E17CER083 E17CER106 | ENVIRONMENTAL IMPACT ASSESSMENT OF BUILDING MATERIALS | S.SHYAMSUNDAR | Environmental engineering | EIA considerations |
| 4. | VISHNUPRIYAN S YOGESHWARAN S SARANRAJ R RAJESH M | E17CER120 E17CER125 E17CER082 E17CER076 | IMPROVEMENT OF BEARING CAPACITY OF SANDY SOIL BY GROUTING | G.PRAKASH | Structural engineering | Grouting processes |
| 5. | MOHAMED THANSEER M I MANIKANDAN K MOHAMED JASEER K MOHAMED VAZEER S | E17CER058 E17CER052 E17CER056 E17CER060 | AN EXPERIMENTAL STUDY ON PARTIAL REPLACEMENT OF CEMENT WITH EGG SHELL POWDER IN CONCRETE. | T.ADHAVANTHAN | Structural engineering | Partial replacement of cement |
| 6. | MAHALAKSHMI R DURGA M | E17CER050 E17CER028 | FIBER REINFORCED PERVIOUS CONCRETE | T.ADHAVANTHAN | Structural engineering | Porous concrete |

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| | RAMYA R TAMIL ARTHI.S | E17CER078 E17CER100 | | | | |
| 7. | AGATHIYAN B LAKSHMANAN B KALAIYARASAN K RAJAMOORTHY.R | E17CER006 E17CER048 E17CER042 E17CER073 | EXPERIMENTAL INVESTIGATIONS ON REPLACEMENT OF RIVERSAND BY GRADED QUARRY DUST IN CONCRETE | E.VENKATESAN | Structural engineering | Replacement of river sand by graded quarry dust |
| 8. | KIRUBAHARAN S AAKASH.C FAAIZ AHMED E DEVENDRAN S | E17CER047 E17CER001 E17CER029 E17CER022 | HYDRAULIC TRAFFIC REDUCE SYSTEM | V.BALASUBRAMANI | Structural engineering | Highway – traffic systems |
| 9. | ABINESH S SRIDHAR K KATHIRMANI K VIMALRAJ.L | E17CER004 E17CER092 E17CER044 E17CER119 | Implementation of waste plastic in manufacturing of interlocking bricks | S.SHYAM SUNDAR | Environmental engineering | Research oriented |
| 10. | JAYASEELAN.S ARUL SELLAPPA T BALAMURUGAN E ARUN NIVAS M | E17CER040 E17CER015 E17CER019 E17CER017 | STUDY ON PROPERTIES OF CONCRETE USING EUCALYPTUS ROOT ASH PARTIALLY REPLACED BY FINE AGGREGATE | A.PIRAKASAM | Structural engineering | Partial replacement of Fine aggregates |
| 11. | ARAVIND R AKASH S MUKESH B ARUN R | E17CER014 E17CER009 E17CER061 E17CER016 | NOISE ABSORBING COMPOSITE PANELS USING AGRO WASTE PRODUCTS | S.SHYAM SUNDAR | Environmental engineering | Research oriented |
| 12. | PRAKASH G SURYAGANDH S SANGEETH J A REGUNATH R | E17CER069 E17CER099 E17CER081 E17CER079 | SOIL STABILIZATION USING BY GLASS POWDER | N.KARTHIKA | Structural engineering | Stabilization analysis |
| 13. | ABARNA P DHACHAYANI S KAVIMALAR K VIDHYA S | E17CER002 E17CER024 E17CER045 E17CER111 | COST ANALYSIS OF WAREHOUSE BUILDING | G.PRAKASH | Structural engineering | Estimation cost analysis |

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| 14. | B.GOWTHAM BHUVANESWARAN R BOOBALAN M PRASANNA.M | E17CEL304 E17CEL302 E17CEL303 E17CEL311 | STUDY THE PERFORMANCE OF PARTIAL REPLACEMENT OF WASHED SEA SAND AS FINE AGGREGATE ON CONCRETE | E.VENKATESAN | Structural engineering | Partial replacement of aggregates |
| 15. | TAMILMANI V UDHAYASURIYA SIRANJEEVI R VIVEK SURYA S | E17CER101 E17CER105 E17CEL314 E17CER123 | EXPERIMENTAL INVESTIGATION ON CONCRETE REINFORCED WITH ALUMINIUM METAL & GLASS FIBRE MESH | R.SIVAKUMAR | Environmental engineering | Partial replacement of reinforcement |
| 16. | MANIKANDAN S MOHAMED SHAMEEM H MOHAMED THASRIM.B MANOJ J | E17CER053 E17CER057 E17CER059 E17CER055 | AN EXPERIMENTAL INVESTIGATION OF SEA WATER INTRUSION AT VARIOUS ZONE'S OF COASTAL AQUIFERS | S.ANANDKUMAR VARMA | Environmental engineering | Saline water intrusion |
| 17. | RAJAN.R RAJESH R IRSHAD AHAMED DAR DHAKSNAMOORTHY | E17CER074 E17CER077 E17CEL306 E17CER025 | EXPERIMENTAL INVESTIGATION OF PARTIAL REPLECEMENT OF CEMENT CERAMIC POWDER IN CONCRETE | N.KARTHIKA | Structural engineering | Partial replacement of cement |
| 18. | SAVITHA.G | E17CER085 | SELF COMPACTING CONCRETE BY USING SILICA FUME | A.ARJUNAN | Structural engineering | Advanced concrete technologyAQ |

PROJECT COORDINATOR

H.O.D/CIVIL

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DEPARTMENT OF CIVILENGINEERING

PROJECT EVALUATION REPORT (B SECTION)

Academic Year : 2020-2021

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|-------|---|--|--|-------------------------|-------------------------------|---|
| 1. | VELUSAMY R VIGNESH K TAMILAZHAKAN S VIKRAM M | E17CER108 E17CEL116 E17CEL316 E17CEL319 | Investigation of Light weight concrete using fly ash, bottom ash and Quarry dust | A ARJUNAN | Structural engineering | Light weight concrete investigation |
| 2. | VIJAYALAKSHMI K VIJAYASANTHI K VIKNESH M ABISHEK M | E17CER116 E17CER117 E17CER118 E17CEL301 | A study of concrete by using Agricultural Byproducts | A PIRAKASAM | Structural engineering | Research oriented |
| 3. | SURYA V UDHAYARAJ R YOGESHWARAN R SHABARISH R | E17CER098 E17CER104 E17CER124 E17CEL312 | Utilization of waste plastics as a partial replacement of coarse aggregate in concrete blocks | N.R VETHAMOORTHY | Structural engineering | Partial Replacement of coarse aggregates |
| 4. | VIJAY V VISWANATHAN R THENNAVAN V SUTHIRAN N | E17CER115 E17CER122 E17CER105 E17CEL315 | Highway Safety measures | J BRITTO | Structural engineering | Highway safety control |
| 5. | ASHWINTH K KEERTHIDASAN K MULLAIVENDAN P PRAKASH B | E17CEL018 E17CER046 E17CER062 E17CER068 | Experimental study on floating component by using Flyash, Rice Husk ash and Foam | N KARTHIKA | Structural engineering | Ecofriendly material study |
| 6. | RAJA S B PRAVEEN KUMAR T SALMAN KASSIM M S SUBAKARAN S | E17CER075 E17CER070 E17CER080 E17CER095 | Design an Earthquake resistant building | V BALASUBRAMANI | Structural engineering | Natural disaster resistant structure |

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| 7. | DHILIPAN R GOWRISANKAR V HARIHARAN P SUDHAKAR S | E17CER026 E17CER031 E17CER034 E17CER097 | Study of Characteristic strength of concrete with Glass Fiber | J BRITTO | Structural engineering | Strength characteristics of concrete |
| 8. | DEVESHWARAN M SHAILENDIRAN R PAVITHRAN G SHEIK AHAMED J | E17CER023 E17CER090 E17CEL310 E17CEL313 | Study and experimental investigation on reducing accident by traffic system management using ITS | A ARJUNAN | Structural engineering | Traffic and accident control systems |
| 9. | GOWTHAMAN T JAGADEESH M DEKSHNAMOORTHY G SATHISH M | E17CER033 E17CER037 E17CER021 E17CER084 | Determination of Air quality index and its impacts on human health of cuddalore sipcot industries | Dr. S. ANAND KUMAR VARMA | Environmental engineering | Air quality index |
| 10. | AMIRTHAMARKANDAN D ANUSHA E DEEPA P SRIRAM GANDHI C | E17CER011 E17CER013 E17CER020 E17CER093 | Mechanical properties of high performance concrete using metakaolin | A ARJUNAN | Structural engineering | Meta-kaolin mechanical properties |
| 11. | JAYACHANDHIRAN R KALAISELVAN M SELVAMANI S JEEVAN PRAKASH S | E17CER039 E17CER041 E17CER087 E17CEL307 | Experimental investigation on using partial replacement of sand by Steel Slag | N.R VETHAMOORTHY | Structural engineering | Partial replacement of sand by steel slag |
| 12. | ABIDASS A GOWTHAM K NAVEENKUMAR A RAJARAJAN S | E17CER003 E17CER032 E17CER065 E17CER075 | Experimental investigation on partially replacement of M-sand by GGBS in Concrete | G PRAKASH | Structural engineering | Partial replacement of M-sand by GGBS |
| 13. | VIGNESH M VIGNESH S JAGANRAJ K THAVASI B | E17CER113 E17CER114 E17CER038 E17CER102 | Study on strength characteristics of marble waste in concrete | N.R VETHAMOORTHY | Structural engineering | Strength characteristics of marble waste |
| 14. | DHINESHKUMAR T SIVAPRAKASAM A SELVARAMAN M VETRI M | E17CER027 E17CER091 E17CER088 E17CER110 | Study and comparison between low grade and high grade concrete using silica fume | Dr. R SIVAKUMAR | Environmental engineering | Comparisinal study on concrete |

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| 15. | VIJAY N | E17CEL318 | Environmental Impact Assessment of construction materials | Dr. R SIVAKUMAR | Environmental engineering | Environmental Impact Assessment |

PROJECT COORDINATOR

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