



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC & NBA (CSE, IT, ECE, EEE & ME)

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

Department of Civil Engineering

List of Projects: AY 2022-23

| Batch No | Batch and Regd. No. | Title of the Project | Name of the Supervisor |
|----------|---------------------|--|------------------------|
| 1 | 19761A0158 | IOT based solid waste management system | Dr. V. Ramakrishna |
| | 19761A0149 | | |
| | 19761A0122 | | |
| | 19761A0146 | | |
| 2 | 19761A0133 | Automatic detector of surface cracks using machine learning | K. Harish Kumar |
| | 19761A0101 | | |
| | 19761A0162 | | |
| 3 | 19761A0125 | Developing and modelling of layout using REVIT | B. Rama Krishna |
| | 19761A0124 | | |
| | 19761A0120 | | |
| | 19761A0109 | | |
| 4 | 19761A0129 | Experimental investigation on compressive strength of concrete by partial replacement of biochar with cement | Dr. K.V. Ramana |
| | 19761A0145 | | |
| | 19761A0130 | | |
| | 19761A0126 | | |
| 5 | 19761A0157 | Estimation of runoff KRI-D-42-Mylavaram water shed area | J. Rangaiah |
| | 19761A0151 | | |
| | 19761A0105 | | |
| | 19761A0115 | | |
| 6 | 20765A0104 | Effect of Chloride Ion Penetration on Strength and Durability Properties of Self Compacting Concrete | C. Rajamallu |
| | 19761A0116 | | |
| | 19761A0154 | | |
| | 19761A0139 | | |
| 7 | 20765A0105 | Estimation of irrigation water requirement for different crops in Mylavaram mandal | J. Rangaiah |
| | 19761A0134 | | |
| | 19761A0112 | | |
| | 19761A0132 | | |
| 8 | 19761A0136 | Mechanical Properties of concrete by partial replacement of recycled coarse aggregate with natural aggregate | M. Karthik Kumar |
| | 19761A0137 | | |
| | 19761A0160 | | |
| | 19761A0147 | | |
| 9 | 19761A0159 | Design of water distribution network using EPANET | P.Keerthi |
| | 19761A0156 | | |
| | 19761A0152 | | |
| | 19761A0138 | | |



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC & NBA (CSE, IT, ECE, EEE & ME)

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

| | | | |
|----|------------|--|----------------------|
| 10 | 20765A0101 | A study on mechanical properties of concrete by using GGBS as a partial replacement of cement under aggressive environment condition | B.Rama Krishna |
| | 20765A0103 | | |
| | 19761A0123 | | |
| | 19761A0161 | | |
| 11 | 19761A0106 | Behaviour of mortar by replacing sheet glass powder with fine aggregate | P.Mohana Ganga Raju |
| | 19761A0113 | | |
| | 19761A0140 | | |
| | 19761A0153 | | |
| 12 | 19761A0121 | Slope stability analysis using GEO5 software | B.Narasimha Rao |
| | 19761A0118 | | |
| | 19761A0150 | | |
| 13 | 19761A0104 | Prediction of mechanical properties of FGPC by using ANN | Dr.J.Venkateswararao |
| | 19761A0143 | | |
| | 19761A0103 | | |
| | 19761A0119 | | |
| 14 | 19761A0127 | Stabilization of black cotton soil with CaCl ₂ | B.Narasimha Rao |
| | 19761A0128 | | |
| | 19761A0108 | | |
| | 19761A0144 | | |
| 15 | 19761A0155 | Assessment of water quality index for ground water | Dr.V.Ramakrishna |
| | 20765A0107 | | |
| | 20765A0106 | | |
| | 19761A0141 | | |
| 16 | 19761A0111 | IOT based flood monitoring and alerting system | K.Harish Kumar |
| | 19761A0131 | | |
| | 19761A0110 | | |
| | 19761A0102 | | |
| 17 | 19761A0107 | Interlocking Concrete Paver Blocks (By using Rice ash and Quarry Dust) | P.Mohana Ganga Raju |
| | 20765A0102 | | |
| | 19761A0142 | | |
| | 19761A0135 | | |