**GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE – 641 013**

**DEPARTMENT OF CIVIL ENGINEERING**

**LIST OF ONGOING Ph.D GUIDED BY FACULTY DURING ASSESSMENT PERIOD**

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| --- | --- | --- | --- | --- |
| **S.No** | **Name of the**  **Supervisor** | **Name of the Student** | **Title of the Project** | **Part Time/ Full Time** |
| 1 | Dr.R.Thenmozhi | B. Ranjith Babu | Punching Behaviour Of Concrete Slabs Incorporating Sintered Flashing Aggregates With Steel Fibres | Part Time |
| V.P.Dhanapriya | Structural Performance Of Laced Reinforced Beams Made Of Ultra High Performance Fibre Reinforced Concrete | Part Time |
| K.Shobana | Self-Repairing Bio Concrete Using Recycled Aggregates | Part Time |
| N.Mareeswari Andal | Bending Behaviour Of Functionally Graded Beam With Recycled Aggregates And Fly Ash | Full Time |
| M.Sivagami | Behaviour And Strength Of Sigma Shaped Cold Formed Steel I Section With Lip In Flexure | Part Time |
| 2 | Dr.J Jeyanthi | L.M.Sibichakravarathi | Photocatalytic Degradation Of Endocrine Disrupting Chemicals Using Nanocomposites | Full Time |
| R.Malathi | Assessment Of Bacterial Concentration Of Outdoor Ambient Air Quality Using Meteorological Data In Coimbatore Zone | Part Time |
| M.Srirajarajeshwari | Green Synthesis Of Silica Coated Nzvi Particles For Environmental Remediation | Full Time |
| Preethi G | Indoor Air Quality Assessment In Indian Buildings | Part Time |
| V Mohanapriya | Photocatalytic Degradation Of Cr (VI) From Tannery Effluent Using Sludge-Based Nano Catalyst. | Full Time |
| S.Sadheesh | Development Of A Sustainable And Resilient Model For Air Quality Index In An Urban Environment | Part Time |
| E. Madhu Vasaki | Bio Remediation And Detoxification Of Industrial Waste By Employing Vermi technology In Conjunction With Biofuel Recovery | Full Time |
| S.Ashmi | Performance Analysis Of Electro Spun Nanofibrous Membrane (ENM) For Industrial Wastewater Treatment | Full Time |
| K. Saraswathi | Nano Technology In Wastewater Treatment | Part Time |
| K. Rajeshkumar | Health Risk Assessment Study On Resident’s Exposure To Indoor Air Pollutants And Indoor Environment Influenced By Outdoor Air Pollutants In Coimbatore City | Part Time |
| 3 | Dr.S.P.Jeyapriya | M. Ranjitham | Performance evaluation of reclaimed asphalt pavement (RAP) in geotechnical application | Part Time |
| S.Elayaraja | Studies On Mechanism Of Landslides In The Nilgris And Site Specific Measures. | Part Time |
| R.Senthil Kumar | Performance Analysis And Rhelogical Characteristics Of Tremie Stone Column Under Static Loading | Part Time |
| 4 | Dr. C. Meiaraj | P. Andavar | Structural Optimization Of Offshore Wind Turbine. | Part Time |
| N. Gobika Shree | Structural Hydraulic Networks | Part Time |
| V. Shanmuga Sivagamavalli | Study Of Natural Admixtures In Traditional Construction | Part Time |
| 5 | Dr.S.Sathyapriya | J.Jayashree | Experimental And Numerical Modeling Of Rigid Columnar Inclusions In Soft Soils | Part Time |
| M.Gowthaman | Study Of Footings Under Different Loading Conditions With Geocell Reinforcement | Part Time |
| N.Raja | Performance Of Pile Groups Embedded In Soil Contaminated Sand Under Dynamic Load | Full Time |
| 6 | Dr. S. Chithra | Mr.A.Ookalan | Investigations On The Use Of Coconut Coir Pith As Partial Fine Aggregate Replacement Material In Normal And Self-Curing Concrete | Part Time |
| Mr.S.Makeshkumar | Behaviour Of Self-Compacting Concrete Incorporating Marble Dust And Copper Slag | Part Time |
| Mrs.A.Abinayaa | Behaviour Of Concrete Elements Subjected To Chloride Induced Corrosion: Experimental And Numerical Investigation | Full Time |
| Mrs.Priyanga K.S. | Assessment Of Construction And Demolition Wastes As An Aggregate In Concrete Structural Elements | Full Time |
| Ms.Nivetha B | Performance Evaluation Of Sustainable Concrete Incorporated With Industrial By-Products | Full Time |
| 7 | Dr. R. Chithra | S Manju Soniya | Investigation On Composite Steel Truss With Fibre Reinforced Concrete Beam | Full Time |
| K Vedhasakthi | Study On Strength And Behavior Of Concrete Confined With Prefabricated Cages | Full Time |
| E Yazhini | Study On Dynamic Analysis Of Precast Shell Structures | Full Time |
| S Rajalakshmi | Experimental Investigation On Influence Of Pozzolans In Reactive Powder Concrete | Part Time |
| 8 | Dr. M. Rama | P Vetri Selvi | Experimental Investigation On Thermal Energy Storage In Concrete Using Phase Change Material | Part Time |
| P Gokuldeepan | BIM Based Building Automation For Facility Management | Part Time |
| A Sakthi Shree | Experimental Investigation On Effective Way To Manage Construction Debris | Part Time |