

## BIODATA

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### CORE QUALIFICATION

| Degree  | Specialization         | Month & Year | Institute/University               |
|---------|------------------------|--------------|------------------------------------|
| Ph.D    | Structural Engineering | March 2024   | Anna University, Chennai           |
| M.E     | Structural Engineering | 2015         | Anna University, Chennai           |
| B.E     | Civil Engineering      | 2009         | Anna University, Chennai           |
| Diploma | Civil Engineering      | 2006         | Directorate of Technical Education |

### WORKING EXPERIENCE IN ACADEMICS & INDUSTRY

**Total Experience:** 10.11 years (Teaching) & 4 years (Industry)

| Organization   | Designation         | Period                   |
|--|---------------------|--------------------------|
| National Engineering College, Kovilpatti                       | Assistant Professor | 02.07.2026 to Till Date  |
| SCAD College of Engineering and Technology                     | Assistant Professor | 14.09.2022 to 02.07.2026 |
| Thamirabharani Engineering College, Thatchanallur, Tirunelveli | Assistant Professor | 19.01.2022 to 31.07.2022 |
| Rohini College of Engineering and Technology, Nagerkoil        | Assistant Professor | 01.07.2019 to 03.01.2022 |
| P.S.R. Engineering College, Sivakasi                           | Assistant Professor | 15.06.2015 to 26.06.2019 |
| IBTPL Thermal Power Limited & Transmission Projects            | Senior Engineer     | 2009 - 2013              |

## COURSES TAUGHT

| Course Title  | UG / PG |
|---|---------|
| Design of RC and Brick Masonry Structures, Design of RC Elements, Prestressed Concrete Structures, Foundation Engineering, Highway Engineering, Construction Planning and Scheduling, Prefabricated Structures, Concrete Technology | UG      |
| Finite Element Analysis, Prestressed Concrete Structures, Stability of Structures   | PG      |

## TECHNICAL EVENTS ORGANIZED

| Name of the Event   | Technical Forum              | Event Type          | Period         | Participants |
|---|------------------------------|---------------------|----------------|--------------|
| Fundamentals of Project Management Software               | Association with SYNERGY     | Workshop            | 2nd March 2017 | 50           |
| Emerging Trends in Building Information Modeling Software | Association with CADD CENTRE | Workshop            | 28th June 2017 | 55           |
| "TECHNOBLAZE 2K15"  | Department Association       | Technical Symposium | 4th Sept 2015  | 70           |

## FDP / SEMINAR / WORKSHOP ATTENDED

| Event  | Organizer  | Date(s)                |
|--|--|------------------------|
| Hands-on training on Remote Sensing and GIS  | PSR Engineering College  | 24th-25th Sep 2018     |
| Workshop on Fuzzy Logic and its Application  | PSR Engineering College  | 28th Jan 2017          |
| Workshop on Revit Architecture   | CADD Centre, Sivakasi  | 23rd Jan 2017          |
| FDP on Total Station   | PSR Engineering College  | 06th-08th Dec 2017     |
| FDP on Construction Management   | Kalasalingam University  | 04th-14th May 2016     |
| FDP on Engineering Mechanics   | Sethu Institute of Technology                                  | 30th Nov-05th Dec 2015 |
| Seminar on Emerging Trends in Civil Engineering                                      | PSR Engineering College  | 23rd Nov 2015          |
| Digital Estimation & Latest Techniques in Construction Projects using 5D BIM & CostX | Ramco Inst. of Tech., Rajapalayam, with Infinity PMC Solutions | 30.07.2020             |

| Event  | Organizer  | Date(s)                  |
|--|--|--------------------------|
|  | Pvt Ltd, Chennai   |                          |
| Benefits of 4D Planning and Project Monitoring using Asta Power Project                              | Ramco Inst. of Tech., Rajapalayam, with Infinity PMC Solutions Pvt Ltd, Chennai      | 31.07.2020               |
| High Early Strength of Low & High Modulus Fiber Reinforced Concrete                                  | Ramco Institute of Technology, Rajapalayam   | 26.05.2020               |
| The Rise of Drone in Construction  | SCAD College of Engineering and Technology   | 26.06.2020               |
| RCC Structures and Concrete Technology   | Dhanalakshmi Srinivasan Institute of Technology, Samayapuram, Tiruchirappalli-621112 | 26-06-2020 to 27-06-2020 |
| AICTE Margdharshan Scheme - 5 Days Workshop on Perspectives and Challenges in Outcome Based Research | NIT, Trichy  | 13.07.2020 to 17.07.2020 |
| Recent Advances in Concrete and Sustainable Materials  | NIT, Warangal in association with ICI, Bangalore                                     | 27.07.2020               |

## CONFERENCES

| Title of Paper / Topic  | Conference   | Details                    |
|---|--|----------------------------|
| Experimental Investigation of Solid Block Made with Quarry Dust and Partially Replacing Cement by Lime Sludge | Intl. Conference on Recent Trends in Civil Engg., Technology & Management (ICRTCETM) | Special Issue - April 2017 |
| Experimental Investigation of Concrete Made with Quarry Dust and Partially Adding Cement by Lime Sludge       | ICRTCETM   | Special Issue - April 2017 |
| Mechanical Properties of Fibre Reinforced HPC using Marine Sand   | ICRTCETM   | Special Issue - April 2017 |
| International Web Conference on Smart Engineering Technology  | Ramco Institute of Technology, Rajapalayam   | 26.06.2020 & 27.06.2020    |

## PUBLICATIONS (NATIONAL / INTERNATIONAL JOURNALS)

| # | Title of the Paper | Journal | Volume/Issue | Year |
|---|--------------------|---------|--------------|------|
|---|--------------------|---------|--------------|------|

| # | Title of the Paper   | Journal  | Volume/Issue                         | Year                       |
|---|--|--|--------------------------------------|----------------------------|
| 1 | Strength and Durability Characteristics of Coir, Kenaf and Polypropylene Fibers Reinforced High Performance Concrete | Journal of Fibers (Impact Factor: 2.622, ISSN: 1544-0478)            | DOI: 10.1080/15440478.2021.1929656   | May 2021                   |
| 2 | Physical Properties of High Performance Concrete using Calcium Nitrate and Polypropylene Fibre in Marine Sand        | International Research Journal of Engineering and Technology (IRJET) | Vol 5, Issue 12                      | Dec 2018                   |
| 3 | Mechanical Properties of Fibre Reinforced HPC Using Marine Sand  | International Journal of Civil Engineering (ICRTCETM-2017)           | ISSN: 2348-8352, Part-9              | Special Issue - April 2017 |
| 4 | Experimental Investigation of Solid Block Made With Quarry Dust and Partially Replacing the Cement by Lime Sludge    | SSRG International Journal of Civil Engineering (ICRTCETM-2017)      | ISSN: 2348-8352, Part-4, pp. 292-295 | Special Issue - April 2017 |

## RESEARCH ACHIEVEMENTS — PATENT DETAILS

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**Title:** Prefabricated Ferro-Foam Concrete Doors

**Application Number:** 201941012315 **Patent Published On:** 29.11.2019

**Link:** <http://ipindiaservices.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus>

## ADDITIONAL RESPONSIBILITIES HELD

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- Internal BOS Member
- NBA Criteria - Infrastructure and Learning Resources
- Concrete Lab In-charge
- Exam Cell Coordinator
- Department Class In-charge
- Discipline Committee In-charge
- AICTE Affiliation Work
- Online Test In-charge
- In-charge of Student Outside Participation
- In-charge of Various Activities of Various Events