

## DETAILED BIO DATA

1. **Name** : S.DINESHKUMAR  
2. **Department** : Civil Engineering  
3. **Date of Birth** : 27.01.1992  
4. **Present Designation** : ASSISTANT Professor

### 5. Educational Qualification

| Degree | Institute                           | Specialization         | Name of the Degree | Year | Division |
|--------|-------------------------------------|------------------------|--------------------|------|----------|
| UG     | K.S.Rangasamy College of Technology | Civil Engineering      | B.E                | 2013 | -        |
| PG     | K.S.R College of Engineering        | Structural Engineering | M.E                | 2015 | -        |

### 6. Employment Record (from present to past)

| Organization                      | Period     |           | Designation         |
|-----------------------------------|------------|-----------|---------------------|
|                                   | From       | To        |                     |
| KSR College of Engg, Tiruchengode | 01-06-2015 | Till Date | Assistant Professor |

### 7. Memberships of Professionals / Learned Bodies / Societies

| S.No. | Name of the Professionals/Learned bodies/Societies | Membership No |
|-------|--|---------------|
| NIL   |  |               |

### 8. Details of Subject Handled

| Sl.No | Academic Year | Semester | Name of the Subject                       | Class   | Percentage of Pass |
|-------|---------------|----------|---|---------|--------------------|
| 1.    | 2021-22       | V        | Foundation Engineering                    | III CIV | 100                |
| 2     |               | IV       | Applied Hydraulic and Hydraulic Machinery | II CIV  | 90.96              |
| 3     |               | II       | Theory of Elasticity and Plasticity       | I ME ST | 100                |

|    |         |     |  |                |     |
|----|---------|-----|--|----------------|-----|
| 4  |         | V   | Irrigation and Environmental Engineering Drawing | III CIV        | 100 |
| 5. | 2020-21 | III | Surveying  |                | 100 |
| 6. |         | IV  | Applied Hydraulic and Hydraulic Machinery        | III B.E        | 100 |
| 7. |         | II  | Advanced Construction Techniques                 | I M.E.         | 100 |
| 8  | 2019-20 | IV  | Applied Hydraulic and Hydraulic Machinery        | IV B.E         | 100 |
| 9  |         | I   | Advanced Construction Techniques                 | I M.E<br>(CEM) | 100 |
| 10 |         | VI  | Soil Mechanics Laboratory                        |                | 100 |

#### 9. Awards / Prizes Received

| Name of the Awards<br>(100% Result Secured award) | Year | Awards / Prizes received from |
|---|------|-------------------------------|
| NIL   |      |                               |

#### 10. R & D Details

##### a) Research Grants Received

| Year | Project Title | Reference No | Total Amount Received | Sponsoring agencies |
|------|---------------|--------------|-----------------------|---------------------|
| NIL  |               |              |                       |                     |

##### b) Supervisor Recognition Details

| Name of the University | Recognition<br>Reference No | No.of PhD   |           |
|------------------------|-----------------------------|-------------|-----------|
|                        |                             | Supervising | Completed |
| NIL                    |                             |             |           |

## 11 Conference Grants Received

| Title of the Conference | Duration | Sponsoring agencies | Amount received |
|-------------------------|----------|---------------------|-----------------|
| nil                     |          |                     |                 |

## 12. Publications

### i) Publications in Journals

| Sl. No | Name of the Author | Title of the Paper  | Journal Name  | Vol , No & pages               | Year of Publication |
|--------|--------------------|---|---|--------------------------------|---------------------|
| 1.     | S.Dineshkumar      | Evaluation of Ground Water Quality and Its Suitability for Drinking and Agriculture Purposes in Erode Taluk, Tamilnadu, India | International Journal of Intellectual Advancements and Research in Engineering Computations | vol.06, issue-2, pp.1096-1102, | April 2018          |
| 2      | S.Dineshkumar      | Cost Assessment Of Different Grades Of Concrete By Different Mix Design Methods   | Journal of Critical Reviews   | Vol 7 Issue 12 pp682-685       | 2020                |
| 3      | S.Dineshkumar      | Experimental Study on Ceramic Tiles Waste in Concrete Replacing of Coarse Aggregate   | International Journal for Scientific Research & Development                                 | Vol 8 Issue 6 pp 246-259       | 2020/8              |
| 4      | S.Dineshkumar      | Experimental Study On Geopolymer Concrete Using Heavy Weight Aggregate  | International Research Journal of Modernization in Engineering Technology and Science       | Vol 4 Issue 6 Pp 4663-4667     | 2022/6              |

**ii) Papers Presented in International Conferences / Symposiums**

| Sl.No | Name of the Author | Title of the Paper  | Conference Name  | Organised by                      | Proceeding pages | Date & Year |
|-------|--------------------|---|--|-----------------------------------|------------------|-------------|
| 1.    | S.Dineshkumar      | Evaluation of Ground Water Quality and Its Suitability for Drinking and Agriculture Purposes in Erode Taluk, Tamilnadu, India , | International Conference on Recent Innovations in Engineering, Technology and Management | Nandha Engineering College, Erode | pp.1096-1102     | 23.03.18    |

**iii) Papers Presented in National Conferences / Symposiums**

| Sl.No | Name of the Author | Title of the Paper   | Conference Name   | Proceeding pages             | Date & Year                                     |
|-------|--------------------|--|---|------------------------------|---|
| 1.    | S.Dineshkumar      | Experimental Study on Metakaolin and Rice-Husk Ash Based on Geopolymer Concrete  | Ninth Virtual National Conference on 'Trendy and Sustainable Development in Civil Engineering, , K.S.R.College of Engineering,  | 101-104                      | 10.06.2022                                      |
| 2.    | S.Dineshkumar      | Study on Key Determinants of Construction Delay                                  | Eighth Virtual National Conference on 'Trendy and Sustainable Development in Civil Engineering, K.S.R.College of Engineering,   | 42-47                        | 12th May 2021,                                  |
| 3.    | S.Dineshkumar      | Experimental Study On Ceramictiles Waste Inconcrete Replacing Ofcoarse Aggregate | Seventh Virtual National Conference on 'Trendy and Sustainable Development in Civil Engineering, K.S.R. College of Engineering, | 102-106                      | 12th Aug 2020                                   |
| 4.    | S.Dineshkumar      | Physio chemical analysis of different water samples                              | National Conference on Advanced Construction and Sustainable Energy Sources (NCACSES-2019),                                     | Selvam College of Technology | 15 <sup>th</sup> & 16 <sup>th</sup> March 2019. |

|     |                |  |  |                           |                     |
|-----|----------------|--|--|---------------------------|---------------------|
| 5.  | S.Dineshkumar  | Experimental Study on Stabilization of Soil by using Plastic wastes                          | National Conference on Advances in Civil Engineering,  | Excel Engineering College | 28th September 2019 |
| 6.  | S. Dineshkumar | Utilization of waste plastic strips in manufacturing of flyash bricks                        | Sixth National Conference on Trendy and Sustainable Development in Civil Engineering (NCTSDCE-2018),                             | pp 77-81                  | 9th April 2018.     |
| 7.  | S. Dineshkumar | Experimental study on the use of fly ash, rice husk ash And saw dust in manufacturing bricks | . Fifth National Conference on Trendy and Sustainable Development in Civil Engineering (NCTSDCE-2017), KSRCE,                    | pp 273-275                | 7th April 2017.     |
| 8.  | S. Dineshkumar | Experimental study on soil stabilization using different proportions of fly ash,             | Proc. Nat. conf. Innovative Research in Civil Engineering for Sustainable Development Jay Shriram group of Institutions,Tiruppur | pp.18                     | March 2016          |
| 9.  | S.Dineshkumar  | Experimental study on soil stabilization using plastic waste                                 | fourth National Conference on Trendy and Sustainable Development in Civil Engineering (NCTSD                                     | PP- 321-325,              | May 2016            |
| 10. | S.Dineshkumar  | Experimental study on soil stabilization using different proportions of fly ash              | fourth National Conference on Trendy and Sustainable Development in Civil Engineering (NCTSDCE-2016),                            | PP- 245-249,              | May 2016            |

#### iv. Publication of Books

| Sl. No. | Publication | Date of Publication | Name of the Publisher |
|---------|-------------|---------------------|-----------------------|
| NIL     |             |                     |                       |

### 13. Courses Attended

| Sl. No | Date                                     | Type of Course (FDP/ Workshop/ Seminar/ Conference/Symposium/ any other) | Topic   | Organised by  | Sponsored by                                |
|--------|--|--|---|---|---|
| 1.     | 05.08.2021                               | Technical Webinar  | "ERECTION OF HIGH RISE BUILDING"  | Department of Civil Engineering, Paavai Engineering College                     | -   |
| 2.     | September 20- 25, 2021.                  | online STTP program  | (Phase - II) on "A Beeline for Circular Economy through Sustainable Waste Management" | Department of Civil Engineering, K. S. R. College of Engineering - Tiruchengode | AICTE                                       |
| 3.     | 14-06-2021 to 18-06-2021                 | ATAL FDP On  | Sustainable Practices in Civil Engineering  | Bangalore University  | AICTE Training And Learning (ATAL) Academy. |
| 4.     | 03.07.2020 to 06.07.2020                 | WEBINAR  | CIVIL WEBINAR STRING-1  | PERI Institute of Technology  | -   |
| 5.     | 14/7/2020 to 18/7/2020                   | Online Faculty Development Programme                                     | Sustainability Aspects and Recent Trends in Civil Engineering-The Future Scenario     | Paradigm Environmental Strategies (P) Ltd, Bengaluru                            | -   |
| 6.     | September 14. 2020 to September 19, 2020 | Online Short Term Training Program                                       | Phase-II 'DISASTER MITIGATION AND MANAGEMENT  | Department of Civil Engineering, KPR Institute of Engineering and Technology    | AICTE                                       |

|     |                           |   |   |  |                 |
|-----|---------------------------|---|---|--|-----------------|
| 7.  | 26.08.2019 to 30.08.2019, | Short Term Training Program               | STPM On 'Analysis and Design of Shallow Foundations'  | Department of Civil Engineering, K. S. R. College of Engineering - | NITTTR Kolkata, |
| 8.  | 04.05.2020 to 10.05.2020  | One week online FDP                       | Effective and Instructive Research  | Sona College of Technology Salem                                   | .               |
| 9.  | 15.07.2019 to 27.10.2019  | NPTEL-AICTE Faculty Development Programme | Sustainable materials and green buildings   | NPTEL  | -               |
| 10. | 15.07.2019 to 27.10.2019  | NPTEL-AICTE Faculty Development Programme | Geosysthencis testing laboratory  | NPTEL  | NPTEL-AICTE     |
| 11. | 27.05.2019 to 01.06.2019  | Short term training program               | 'An Integrated Approach of Engineers towards: Water, Food, Energy and Climate Nexus in a Changing World', | Nandha Engineering College, Erode                                  | AICTE           |
| 12. | 20.05.2019 to 24.05.2019  | QIP Short term course                     | Finite Element Method & Applications in Civil Engineering   | Indian Institute of Technology, Bombay                             | AICTE           |
| 13. | February to April 2019.   | FDP                                       | Subsurface Exploration: Importance and Techniques Involved',  | NPTEL -AICT  | -               |
| 14. | 23.01.2019                | One day Program                           | How to access E-Resources Training  | K.S.R.College of Engineering, Tiruchengode                         | -               |
| 15. | Nov 27th to 29 2018       | FDP                                       | TEACHING AND LEARNING COURSE  | IIT Madras   | -               |
| 16. | July to October 2018      | online course                             | "Design of Reinforced concrete structures" from   | NPTEL  | -               |

|     |                 |                  |   |   |       |
|-----|-----------------|------------------|---|---|-------|
| 17. | 10.03.2018      | One day seminar  | Treatment of RO Rejects and Advancements in Desalination Process'             | Knowledge Institute of Technology, Salem          | -     |
| 18. | 07.07.2017      | One day seminar  | 4Ps (Predict, Plan, Prepare& Product) of Flooding using Remote sensing & GIS' | Nandha Engineering College ,Erode                 | -     |
| 19. | 21-09- 2017     | Two days seminar | Emerging Trends in steel structures   | PSNA College of Engineering & Technology Dindigul | -     |
| 20. | 14& 15 Sep 2017 | Two day Seminar  | "Current trends prospects and challenges of SWACHH BHARATH                    | KSRCT, Tiruchengode                               | AICTE |

#### 14. Additional Administrative Responsibility at the Department Level

| Sl. No. | Academic Year | Responsibility                                 |
|---------|---------------|--|
| 1.      | 2021-22       | Environmental Engineering laboratory in charge |
|         | 2020-21       | NPTEL Co coordinator                           |
|         | 2019-20       | Research in charge                             |
|         | 2018-19       | Mentor   |

#### 15. Additional administrative Responsibility at the college level

| Sl. No. | Academic Year | Responsibility   |
|---------|---------------|--|
| 1.      | 2021-22       | <ul style="list-style-type: none"> <li>➤ NIRF Co coordinator</li> <li>➤ Auditing member</li> </ul> |
|         | 2020-21       |  |
|         | 2019-20       |  |
|         | 2018-19       |  |



