**Faculty Profile Template**

1. **Basic Information**
* **Name**: RAJAN KUMAR SINGH
* **Designation**: Assistant Professor
* **Department/School**: Civil Engineering
* **Institution Name**: SSIPMT, Raipur
* **Email ID**: rajankumar.singh@ssipmt.com
* **Contact Number**: 9713445707
* **Photograph**:
1. **Educational Qualifications**

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| --- | --- | --- | --- |
| **Degree** | **Specialization** | **Institution** | **Year of Completion** |
| UG | Civil Engineering | RITEE, Raipur | 2015 |
| PG | Structural Engineering | MMCT, Raipur | 2020 |
| Ph.D. | NA |
| Others | NA |

1. **Teaching & Research Experience**
* **Total Teaching Experience**: **10 Years**
* **Industry Experience**: ***NIL***
* **Research Experience**:**NIL**
1. **Courses Taught**
* **UG –** Introduction to Solid Mechanics, Introduction to Fluid Mechanics, Plane Surveying, Surveying & Geomatics, Structural Analysis-I, Structural Analysis-II, Structural Engineering Design-I, Structural Engineering Design-II, Structural Engineering Design-III, Estimation & Costing, Concrete Technology, Basic Civil Engineering & Mechanics, Hydraulics Engineering
* **PG-** Matrix Method of Structural Analysis, Finite Element Analysis of Structures, Structural Dynamics, Pre-Stressed Concrete
1. **Research Interests / Specialization**
* Concrete Technology, Structural Design
1. **Publications (Last 5 Years)**
* Journals (APA/IEEE format)
1. Ankita Kunjam, Rajan Kumar Singh, “Parametric Analysis of Geo polymer Concrete Containing Recycled Coarse and Fine Aggregates” Journal of Emerging Technologies and Innovative Research, ISSN-2349-5162
2. Utkarsh Sharma, Rajan Kumar Singh, “Performance Evaluation of Self-Curing, Self-Compacting Concrete Incorporating Sintered Fly Ash Lightweight Aggregate as a Partial Replacement for Coarse Aggregate” Journal of Emerging Technologies and Innovative Research
* Conference Proceedings-

ICRAMERD 2024, “Experimental Investigation of Plastic material as partial replacement of cement in concrete”

* Book Chapters / Books Authored- NIL
1. **Research Guidance**

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| **Level** | **Awarded** | **Ongoing** |
| Ph.D. | NA | NA |
| PG | 08 | 05 |

1. **Awards & Recognitions**
* Institutional / National / International- NIL
1. **Administrative Roles**
* Positions held (e.g., HoD, IQAC Coordinator, NAAC/NBA Committee Member)- NIL
1. **Professional Memberships**
* NIL
1. **Web Presence**
* Google Scholar-https://scholar.google.com/citations?hl=en&view\_op=list\_works&gmla=AH8HC4xoergc0dE3LPpnLDSTCVDuC6Ms3q3YgITJQnHc7xJWYQwdUoXyub7fTDnC4s43Jr\_cTmwnl7gmOm-Vmw&user=Cj77cNEAAAAJ
* ORCID-

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