**Faculty Profile Template**

1. **Basic Information**

* **Name**: Manish RK Sahu
* **Designation**: Assistant Professor
* **Department/School**: Mechanical Engineering Department
* **Institution Name**: Shri Shankaracharya Institute of Professional Management and Technology
* **Email ID**: m.rk.sahu@ssipmt.com
* **Contact Number**: +91-9893690002
* **Orchid ID** : <https://orcid.org/0000-0002-0219-1715>
* **Google Scholar** : <https://scholar.google.com/citations?view_op=list_works&hl=en&hl=en&user=xdZrsJkAAAAJ>
* **Linkedin id :** <https://www.linkedin.com/in/manish-rk-sahu-a51536113/>

1. **Photograph**:



1. **Educational Qualifications**

|  |  |  |  |
| --- | --- | --- | --- |
| **Degree** | **Specialization** | **Institution** | **Year of Completion** |
| UG | Mechanical | SSCET, Bhilai | 2010 |
| PG | HPTE | TIT Bhopal | 2016 |
| Ph.D. | Mechanical (Design) | CSVTU Bhilai | Pursuing |

1. **Teaching & Research Experience**

* **Total Teaching Experience**: 15 Years
* **Industry Experience**: *(if any)*
* **Research Experience**: 3 Years

1. **Courses Taught**

Engg. Thermodynamics, Internal Combustion Engine, Testing & Performance of IC Engines, Engg. Mechanics, Fluid Mechanics, Mechanical measurements Metrology & Hydraulic Machines**.**

1. **Research Interests / Specialization**

* Production
* Industrial engineering and management

1. **Publications (Last 5 Years)**

* “Viability analysis of solar thermal power plant using combined cycle system and parabolic trough collector technology for Chhattisgarh state” published in International Journal of Innovation in Engg. and Technology, ISSN:2319-1058, volume 5 issue June 2015
* “Finite Element Simulation Of Small Punch Test To Determine Influence Of Key Parameters Used In Steam Turbine Blade Material” presented in International conference in emerging trends in mechanical engg. TIT,Bhopal,25-26 may 2016.
* Finite element simulation of small punch test to determine influence of key parameters used in steam turbine blade material
* A decision framework model for hospital selection in COVID-19 pandemic: A FIS approach
* Conference Proceedings:

Total = 01

Finite Element Simulation Of Small Punch Test To. Determine Influence Of Key Test Parameters Used In. Steam Turbine Blade Material.

* Book Chapters / Books Authored (01)

1. “Green Manufacturing for Industry 4.0: Building a Sustainable Future with Smart Technology”, Taylor & Francis CRC Press, ISBN No. 9781032575025.
2. **Research Guidance**

|  |  |  |
| --- | --- | --- |
| **Level** | **Awarded** | **Ongoing** |
| Ph.D. | Nil | Nil |
| PG | Nil | Nil |

1. **Awards & Recognitions**

* Awarded by Ministry of broadcasting in 2021

1. **Administrative Roles**

* CSVTU cultural incharge
* College branding team member

1. **Professional Memberships**
2. Lifetime membership of the “Indian Society of Technical Education (ISTE)
3. Lifetime membership of the “QCFI”.