**Faculty Profile Template**

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1. **Basic Information**
* **Name**: Dr. Mayank Sharma
* **Designation**: Assistant Professor
* **Department/School**: Mechanical Engineering Department
* **Institution Name**: Shri Shankaracharya Institute of Professional Management and Technology
* **Email ID**: m.sharma@ssipmt.com
* **Contact Number**: +91-9302222285
* **Photograph**: *(Passport-size, professional)*
1. **Educational Qualifications**

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| --- | --- | --- | --- |
| **Degree** | **Specialization** | **Institution** | **Year of Completion** |
| UG | Mechanical | SSCET, Bhilai | 2006 |
| PG | Energy system and pollution | NIT, Raipur | 2009 |
| Ph.D. | Mechanical (Thermal) | NIT, Raipur | 2021 |
| Others | *(if applicable)* |  |  |

1. **Teaching & Research Experience**
* **Total Teaching Experience**: 15 Years
* **Industry Experience**: *(if any)*
* **Research Experience**:
1. **Courses Taught**

Engineering Graphics and Design, Basic Mechanical Engineering, Engineering Thermodynamics, Applied Thermodynamics, Heat and Mass Transfer, Refrigeration and Air Conditioning

1. **Research Interests / Specialization**
* Solar thermal application
1. **Publications (Last 5 Years)**
* Journals (APA/IEEE format): 06 SCIE
* ***1.*** Performance Evaluation of Long Still for the Utilization of Industrial Hot Waste Water
Journal: Journal of Energy Storage ISSN: Online: 2352-1538 | Print: 2352-152XVolume: 20
* 2. Experimental Evaluation and Theoretical Analysis of the Long Stills Covered with the GI, CU and AI Sheets Journal: FME Transactions (2020)ISSN: Print: 1451-2092 | Online: 2406-128X Volume: 48
* 3. Experimental Evaluation of a Long Still with Galvanised Iron Sheet as Condensing Cover at Different Basin Water Flow Rate: Study of Heat and Mass Transfer Journal: International Journal of Ambient Energy ISSN: 2162-8246Volume & Issue: 42, Issue 16
* 4. Experiments on Waste Hot Water Fed Still Operating with Stirring Turbulence Journal: Energy Sources, Part A: Recovery, Utilization, and Environmental Effects ISSN: Print: 1556-7036 | Online: 1556-7230 Volume: 45
* 5. A Review on Desalination of Water Using Single Slope Passive Solar Still Journal: International Journal of Development Research ISSN: 2230-9926 Volume & Issue: Vol. 6, Issue 11 (2016), pp. 10002–10012
* 6. Sand Bed Solar Stills for Coastal Areas: Studying Heat and Mass Transfer Using ANN Model
Journal: International Journal of Engineering Research in Mechanical and Civil Engineering
ISSN: 2456-1290 Volume & Issue: Vol. 3, Issue 1 (2018)
* Conference Proceedings:

Total =

* 1. Experimental evaluation of single basin solar still coupled with the ground earth surface using artificial neural network Renewable energy sources for sustainable climate
* Book Chapters / Books Authored ()
1. **Research Guidance**

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

1. **Awards & Recognitions**
* Nil
1. **Administrative Roles**

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| * 1. Cultural Committee Member in college
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| * 1. NBA and NAAC related work in college
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| * 1. Outreach Activity Coordinator in college
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1. **Professional Memberships**
2. **Life Member, Indian Society for Technical Education (ISTE)** MEMBERSHIP ID: **LM 114403**