**Faculty Profile Template**

1. **Basic Information**

* **Name**: Ms. Shraddha Taunk
* **Designation**: Asst. Prof.
* **Department/School**: CSE
* **Institution Name**: SSIPMT
* **Email ID**: s.taunk@ssipmt.com
* **Contact Number**: 8839518695

**Photograph**: 

1. **Educational Qualifications**

|  |  |  |  |
| --- | --- | --- | --- |
| **Degree** | **Specialization** | **Institution** | **Year of Completion** |
| UG | CSE | DIMAT,RAIPUR | 2011 |
| PG | CSE | RIT, RAIPUR | 2015 |
| Ph.D. | CSE | NIT, RAIPUR | PURSUING |
| Others | *(if applicable)* |  |  |

1. **Teaching & Research Experience**

* **Total Teaching Experience**: 9.5 years
* **Industry Experience**: *(if any) No*
* **Research Experience**: Pursuing Ph.D. - 3 years

1. **Courses Taught**

* Operating System
* Database management system
* Analysis and design of algorithm
* Computer Graphics
* SQL

1. **Research Interests / Specialization**

* Machine Learning , Deep Learning , Signal Processing

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

* **Journals (APA/IEEE format)**
  + - Preeti Tuli, Kaveri Kar, **Shraddha Taunk**, "A Review of NBA Accreditation of Engineering Programs at the Undergraduate Level in India(Tier-II)", Turkish Online Journal of Qualitative Inquiry (TOJQI), Volume12, Issue 10, October 2021:5883-5892.
    - Shraddha Taunk, Tejaswini Tikariha , Sakshi Dewangan , [CCTV Based Observation for Face Masked Detector](https://journal.inence.org/index.php/ijfiest/article/view/10), [International Journal of Futuristic Innovation in Engineering, Science and Technology (IJFIEST): Vol. 1 No. 1 (2022)](https://journal.inence.org/index.php/ijfiest/issue/view/1)
    - Dwadasi Priyamvada Rao, Shraddha Taunk, Nirali Kansara, Apurva Gupta, [Facial Detection and Recognition System Using Python](https://journal.inence.org/index.php/ijfiest/article/view/9), [International Journal of Futuristic Innovation in Engineering, Science and Technology (IJFIEST): Vol. 1 No. 1 (2022)](https://journal.inence.org/index.php/ijfiest/issue/view/1)
* Conference Proceedings
* **Book Chapters / Books Authored**
  + - **Shraddha Taunk**, Deepak Singh, Maira Khalid, Chapter - Deep learning methods for protein classification, Editor(s): Khalid Raza, Debmalya Barh, Deepak Singh, Naeem Ahmad, Deep Learning Applications in Translational Bioinformatics, Elsevier, Volume 15, 2024, Pages 97-107, ISSN 15, ISBN 9780443222993,<https://doi.org/10.1016/B978-0-443-22299-3.00007-4>.
    - Samal, Sumitra, Kaveri Kar, **Shraddha Taunk**, and J. P. Patra. "Artificial Intelligence-Based Approaches for Product Recommendation in E-Commerce." In Empirical Research for Futuristic E-Commerce Systems: Foundations and Applications, pp. 53-70. IGI Global, 2022.

1. **Research Guidance**

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

1. **Awards & Recognitions**
   1. Chhattisgarh State Eligibility Test (CG SET) Exam Qualified 2019.
2. **Administrative Roles**

* Working under IQAC

1. **Professional Memberships: NA**
2. **Web Presence**

* Google Scholar : https://scholar.google.com/citations?user=8VgbUJoAAAAJ&hl=en
* ORCID id : 0009-0002-1018-3106