

# AAYUSHI JAIN

**CONTACT NO:** +91-7000395641.

**EMAIL ID:** jain.aayushi94@gmail.com

**SKYPE ID-** live:c29d5dafd4563136

**ORCID ID:** 0009-0008-2044-1897

**SCOPUS ID:** 57214112162

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## CAREER OBJECTIVE:

Being an efficient asset, I would be an ideal candidate for your esteemed organization where I can utilize my skills & experience to achieve organizational goal while allowing room for growth and professional development.

## TEACHING EXPERIENCE: 08 Years

### SUBJECTS TAUGHT (UG/PG):

- Distributed Systems.
- Ethics in IT.
- Natural Language Processing.
- Basic Concepts of Python Programming.
- Object Oriented Technology.
- Software Engineering & Project Management.
- Operating Systems.
- Information Security Management.
- Computer Graphics & Multimedia

## WORK EXPERIENCE

- Working as Assistant Professor in Department of CSE at YCCE, Nagpur (An Autonomous Engineering College affiliated to RTM Nagpur University) since August 2023.
- Worked as Assistant Professor in Department of IT at SKSGI, Indore from August 2022- August 2023.
- Worked as Assistant Professor in Department of CSE at TIT, Bhopal from August 2019 - May 2022.
- Worked as Assistant Professor in Department of CSE& IT at VITM, Indore from February 2016- July 2019.

- Worked as Pro-time Lecturer (Teaching Assistant) in Department of CSE& IT at MIT, Indore from June 2014- December 2015.

## KEY RESPONSIBILITIES

- Worked as the Paper Setter, Paper Moderator, Paper Valuator and Examiner for Finals/ End-Sem Examination.
- Worked as a member of Admission Committee for team Documents Scrutiny and Form Filling Assistance to students.
- Worked as the member of Result Analysis Portfolio.
- Worked as the member of Mentor/Mentee Portfolio.
- Organized students field trips to enhance curriculum for Field Projects in nearby villages location; identifying and solving villagers daily life problems and resolving them with students' technical guidance.
- Investigated alternative intellectual ideas and Innovative activities that helped expand the knowledge base of the education system & overall student's growthful curricular development.
- Deployed differentiated teaching methods, incorporating, audio and visual activities to address all learning styles.
- Provided individualized instruction to keep all students at expected skill level.
- Mentorship, to meet with parents for discussing progress and address behavior or mastery issues.
- Developed discipline plans and worked closely with at-risk students.  
Leaded as the Cultural In-charge and given training to students in different dance forms.
- Monitored the departmental digital library for faculties as well as students.

## PUBLICATIONS

### 1.RESEARCH PAPERS

*(PEER-REVIEWED/UGC LISTED JOURNAL/ SCOPUS/WEB OF SCIENCE/ABDC)*

| S. No | TITLE   | JOURNAL<br>(MONTH/YEAR OF PUBLICATION)            | ISSN/ISBN                | CATEGORY                    |
|-------|---|---|--------------------------|-----------------------------|
| 1.    | Information Technology Project Management Via Redesigned Frame & Approach<br>PAPERID: IJSARTV2I43613                          | IJSART E-Journal Volume 2, Issue-4<br>April 2016. | ISSN [Online]: 2395-1052 | International Peer Reviewed |
| 2.    | Review & Implication of Preceding Research Work in Models and Methodologies in Project Management<br>PAPERID: IJSARTV2I53614. | IJSART, E Journal Volume 2, Issue-5<br>May 2016.  | ISSN [Online]: 2395-1052 | International Peer Reviewed |

|    |   |  |                                      |        |
|----|---|--|--------------------------------------|--------|
| 3. | Impact of Hindi Cinema on Behavioral Changes on Urban Youth: A Study Based on Delhi & NCR               | PAK HEART JOURNAL<br>2023:56(03)                                     | ISSN: 0048-2706<br>E ISSN: 2227-9199 | SCOPUS |
| 4. | The Role of User-Generated Content in Influencing Brand Awareness and Purchase Decisions in Kanpur City | NANOTECHNOLOGY<br>PERCEPTIONS<br>Vol.20 No. 7 (2024)<br>Dec 12, 2024 | ISSN: 1660-6795                      | SCOPUS |

## 2. CONFERENCE PROCEEDINGS

*(NATIONAL / INTERNATIONAL)*

| S. No | TITLE  | CONFERENCE  | ORGANIZATION/INSTITUTION   | CATEGORY      |
|-------|--|---|--|---------------|
| 1.    | AI-Enhanced Drug Screening: Accelerating Drug Development<br><br>DOI: <a href="https://doi.org/10.1109/ICRTCST61793.2024.10578548">10.1109/ICRTCST61793.2024.10578548</a><br>PAPER ID- ICRTCST-2024/CSE074<br><a href="https://icrtcst24.rvscollge.ac.in/">https://icrtcst24.rvscollge.ac.in/</a>  | 5 <sup>th</sup> International Conference on Recent Trends in Computer Science and Technology (ICRTCST-2024)       | 9 <sup>th</sup> -10 <sup>th</sup> April, 2024 at Jamshedpur by IEEE.   | International |
| 2.    | A Novel Approach for Gateway Node Election Method for Clustering in Wireless Mobile Ad-hoc Networks<br><br>DOI: <a href="https://link.springer.com/chapter/10.1007/978-981-13-2673-8_23">10.1007/978-981-13-2673-8_23</a><br><a href="https://link.springer.com/chapter/10.1007/978-981-13-2673-8_23">https://link.springer.com/chapter/10.1007/978-981-13-2673-8_23</a> | International Conference on Advanced Computing Networking and Informatics (ICANI-2018)<br><br>(SPRINGER)          | ICANI 2018<br>Indore   | International |
| 3.    | PAPER ACCEPTED<br><br>Machine learning Applications in Video and Audio Content Enhancement   | International Conference on Advances in Computing, Control and Telecommunication Technologies, ACT-2025 (Phase 1) | TO BE HELD ON<br>7-8 February, 2025<br><br>Institute of Doctors Engineers and Scientists (IDES) & YCCE, Nagpur | International |

## 3. EDITED BOOK

| S.NO. | TITLE   | ISBN NO.                                     | PUBLISHING HOUSE                              | CATEGORY |
|-------|---|--|---|----------|
| 1.    | Futurescape: Multidisciplinary Research for Better Tomorrow<br>Vol. 2<br>(ASSOCIATE EDITOR) | ISBN: 978-93-5809-919-5<br><br>(August 2024) | Red Unicorn Publishing Private Limited, Anand | National |

#### 4. CHAPTER IN EDITED BOOK

| S.NO | CHAPTER TITLE<br>(BOOK TITLE)  | ISBN                             | PUBLISHER             | CATEGORY                          |
|------|--|----------------------------------|-----------------------|-----------------------------------|
| 1.   | AutoML: Automating the Machine Learning Pipeline (Handbook on Fundamentals and Methods of Machine and Deep Learning (Vol-1), 2024)   | 978-81-974433-9-8<br>(June,2024) | AGPH, Bhopal          | National                          |
| 2.   | Artificial Intelligence and Visual Media: A New Creation Through Blue-Green Infrastructure (Integrated Blue-Green Infrastructure Into Urban Development, IGI Global Scientific Publishing) | 9798369380710<br>(Dec, 2024)     | IGI Global Publishing | International<br>(Scopus Indexed) |

#### 5. PATENTS (PUBLISHED / GRANT)

| S.No. | TITLE   | DATE OF FILLING | APPLICATION NO./ DESIGN NO. | DATE OF PUBLISHED /GRANT | CATEGORY                     |
|-------|---|-----------------|-----------------------------|--------------------------|------------------------------|
| 1.    | Employee Engagement Monitoring Device                 | 24-01-2024      | 405576-001                  | 03/05/2024<br>(GRANT)    | NATIONAL                     |
| 2.    | AI Based Robotic Device for Human Resource Management | 18/11/2024      | 6405547                     | 27/11/2024<br>(GRANT)    | INTERNATIONAL<br>(UK DESIGN) |

#### 6. FDP/TRAINING/ SHORT COURSES

| S.NO. | TITLE/TOPIC   | UNIVERSITY/INSTITUTE/ORGANISATION   | DATE  |
|-------|---|---|---|
| 1.    | One-week Minor training on "Java Core, .NET, C, C++ & SQL"  | HCL   |   |
| 2.    | Four weeks Industrial training on "CLOUD COMPUTING"   | CMC   |   |
| 3.    | One week (5 Days) Faculty Development Program on "Augmented and Virtual Reality, Tools and Applications   | Dnnovate Technologies Pvt. Ltd. Pune under the Kalam Impact 2.0                     | 16 <sup>th</sup> to 20 <sup>th</sup> January,2024.  |
| 4.    | One-week (6 Days) IETE approved online International Faculty Development Program on "21st Century: Recent Trends, Challenges and Future Roadmap for Transitions in Technological Generations" | Yashwantrao Chavan College of Engineering, Nagpur                                   | 25 <sup>th</sup> to 30 <sup>th</sup> April,2024.    |
| 5.    | Five-day National FDP on Multidisciplinary Approach in Higher Education   | IQAC Cell<br>Sri Aurobindo College, Bengaluru<br>Affiliated to Bengaluru University | 23 <sup>rd</sup> to 27 <sup>th</sup> September 2024 |

## 7. AWARDS / RECOGNITION

| S.NO. | TITLE                         | DATE OF GRANT | ORGANISATION                     | CATEGORY |
|-------|-------------------------------|---------------|----------------------------------|----------|
| 1.    | Best Educationist of the Year | 05-09-2024    | STARTUP SHIKSHA INDIA FOUNDATION | NATIONAL |
| 2.    | Naari Ratna Samman            | 29-09-2024    | R.N.N.S, INDIA                   | NATIONAL |

## 8. FACULTY INDUCTION/ORIENTATION/REFERSHER COURSE

- Attended one month Faculty Induction Programme from Malaviya Mission Teacher Training Centre, University of Kashmir, Srinagar from 7<sup>th</sup> October to 7<sup>th</sup> November, 2024.

## 9. SYMPOSIUM /SEMINARS

- Successfully Completed 1-Day Symposium on “Artificial Intelligence in Education” organized by Datta Meghe Institute of Higher Education & Research, Wardha Campus, Nagpur on 27-04-2024.

## 10. MEMBERSHIP (SOCIETY/ORGANIZATION/ASSOCIATION)

- Member of International Association of Engineers (IAENG). IAENG Membership Number: 366409.
- Member of Society of Digital Information and Wireless Communications (SDIWC).

## OTHER ACHIEVEMENTS

- Led as the **Badminton Captain of female students** as well as faculties in Inter-College Sports Meet of Vikrant Group, Gwalior on 17-11-2016 & 18-11-2016.
- Won the Winning Trophy of **Female Faculty Badminton Match** at Inter College Sports Meet of Vikrant Groups, Gwalior on 18-11-2016.
- Successfully participated in **National Space Quiz** conducted from by Aerospace Club on the occasion of National Space Day from 15-08-2024 to 23-08-2024.
- Organized & Attended technical seminars/workshops and deliver many speeches as pro-time lecturer and Assistant Professor.
- Key performer at various **cultural events** in college during studies.
- Key performer as a **professional Singer and Dancer** (Semi classical and Kathak) at various cultural and religious events of community.

## ACADEMIC & PROFESSIONAL QUALIFICATION

| QUALIFICATION | SUBJECTS                       | DIVISION (%)     | YEAR OF PASSING | BOARD / UNIVERSITY                            |
|---------------|--------------------------------|------------------|-----------------|---|
| 10th          | Science, Maths, English etc.   | Ist (75%)        | 2007            | M.P. Board                                    |
| 12th          | Physics, Chemistry, Maths etc. | IInd (58%)       | 2009            | M.P. Board                                    |
| B.Tech.       | IT                             | Ist (67%)        | 2013            | RGPV, (State Technological University) Bhopal |
| M.Tech.       | CSE                            | Ist (78%) Honors | 2017            | RGPV, (State Technological University) Bhopal |

## MAJOR PROJECTS

### Organization/Institution – GGCT, JABALPUR

**Project Title** : Share Portfolio Management  
**Duration** : Jan 2013 to May 2013  
**Role** : Tester and Analyst  
**Technology** : ASP.NET 2010, SQL Server 2008  
**Team Size.** : 4

**Project Details:** To develop web-based system with advanced security feature for increasing the potential of user to keep record of all the shares bought and sell. This system is also applicable for keeping a current watch of the market and the profit/loss statements.

## MINOR PROJECTS

### Organization/Institution – GGCT, JABALPUR

**Project Title** : Stock & Sales Management  
**Duration** : Jan 2012 to May 2012  
**Role** : Designer and Analyst  
**Technology** : Core Java (Swing)  
**Team Size.** : 3

**Project Details:** To provide lesser complexity with greater modularity & high normalization with the motive to manage huge data under software & to control it under user admin. Admin is branch manager which control entries of different region.

## **TECHNICAL SKILLS**

- Programming Languages: C, C++,
- Python Operating Systems: Windows XP, Windows 10
- Technical Methodology: SE, OOP's, MS office, E-Commerce

## **PERSONALITY TRAITS/SOFTSKILLS**

- Excellent interpersonal with strong analytical and logical skills.
- Excellent communication skills in written and verbal both.
- Ability in clarifying the doubts.
- Proficient in developing new lessons and activities to expand learning opportunities. Extensive participation on committees and extra-curricular activities.
- Excellent knowledge of subject and also have great practical knowledge.
- Proficient in giving conceptual knowledge.

## **HOBBIES**

- Dancing (Classical).
- Playing guitar & various Musical Instruments.
- Singing.
- Gardening
- Travelling

## **PERSONAL DETAILS**

- Languages Known- English, Hindi.
- Date of birth- 01/09/1991.
- Mailing Address – Dhanpuri Ward no. 2, Burhar, District- Shahdol, MP.

**DATE:**

**PLACE:**

**AAYUSHI JAIN**