

Dr. Ritu Mishra
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Department of Computer Science
Awadhesh Pratap Singh University, Rewa (M.P.)
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Rewa M.P.



Personal Profile

Name: Dr. Ritu Mishra
DOB:30-August 1987
Gender: Female

Father's Name: Mr. N.P. Mishra
Marital Status: Married
Category: UR

Work Experience

- Currently working as a Guest Faculty in **Department of Computer Science, Awadhesh Pratap Singh University, Rewa (M.P.)** from November 2011 till present (11+ Years).
- Current member of E-Cell, Incubation centre , **Awadhesh Pratap Singh University, Rewa (M.P.)**
- Member of various committees in events like Convocation ceremony, establishment day of University, Youth festival and other since many consecutive years at **Awadhesh Pratap Singh University, Rewa (M.P.)**.
- Involved in departmental course advertisement and counseling since last 11 years, thus contributing in the strengthening of the departmental budget.
- Having experience of organizing session and practical examination (unofficially) in the due course of the term apart from lecture delivery.
- Officially experienced in invigilation duty and answer sheet valuation of regular and private university exams, Ph.D. entrance exams etc organized at the university.
- Handling departmental responsibility regarding various student scholarships verification, departmental CM Helpline complaints and other official documents since last two years.
- Worked as a Project Trainee at SEED TEC-NOLOGY Indore (M.P.) **from Feburary , 2011 to June 2011** for Completion of Post Graduate course (www.seedtecnology.com).

- Successfully completed project “Admin module of the Variety Glass Emporium Factory software at SEED TEC-NOLOGY Indore (M.P.) for Completion of Post Graduate course (www.seedtechnology.com).

Educational Detail

Completion Year	Degree/Class	University Name/School name	Percentage of Marks
2023	Ph.D. in Computer Science	Awadhesh Pratap Singh University Rewa M.P..	
2014	Ph.D. course work in Computer science	Awadhesh Pratap Singh University Rewa M.P..	80%
2011	Masters in Information Technology	Awadhesh Pratap Singh University Rewa M.P..	80%.
2009	Bachelor’s in Computer Application	Awadhesh Pratap Singh University Rewa M.P..	73%.
2005	Senior School Certificate Examination(CBSE Board)	Jyoti Senior Secondary School Rewa (M.P.)	70%.
2003	Secondary School Examination (CBSE Board),	Jyoti Senior Secondary School Rewa (M.P.)	66%.

Subject of Specialization:

System Software, Discrete mathematics, Computer N/W, Internet Technology(Web development) ,Computer architecture , Operating Systems, Theory of Computation, Software engineering and data structures.

Professional Skill Profile

- **Databases** : PL/ SQL, Oracle, Ms. Access, COBOL
- **Operating Systems** : Windows 98, 2000, XP, Me, UNIX , Linux, Vista, Android
- **Software Packages** : MS Office 97, 2000, Flash5, Adobe Photoshop, MATLAB
- **Programming Languages** : C, C++,Java, Developer2000,PASCAL,Perl and visual basic6.0

Personal Skill Profile

- Individual of strong principles and moral values.
- Excellent leadership quality and dynamic personality with satisfactory verbal and non-verbal communication skills.
- Expert in establishing a natural and comfortable student teacher relationship within the institute premises.
- Amazing event and student management skills.

Seminar, Workshop and Conferences

- (i) Participated in the national workshop on **Machine Learning and Data mining techniques in Bioinformatics** in January 2012 held in Department of Computer Science A.P.S. University Rewa (M.P.).
- (ii) Attended a **“Short term training program on learning Bioinformatics tools and Programming techniques for technical and research purpose”** in March 2012 held in Department of Computer Science A.P.S. University Rewa (M.P.).
- (iii) Participated in the **“International Workshop of Computer Forensics”** in August 2013 held in Govt. TRS College Rewa (M.P.).
- (iv) Participated in the National Conference on **“ New Approaches in Research”** in December 2015 held in Govt. TRS College Rewa (M.P.).
- (v) Attended One day workshop on **“Digital India & Cashless Campaign (27 December 2017)”**.
- (vi) Attended a workshop on **“Mapping of Science and Technology Needs of Madhya Pradesh (20th February 2020)”**.
- (vii) Attended Special lecture on **“Attitude change for Personality Development (15th July 2020)”**.
- (viii) Attended a webinar on **“Role of computer technology in space science and remote sensing (7th July)”**.
- (ix) Attended a national webinar on **“Cyber opportunities and threats (27th June 2020)”**.
- (x) Attended a webinar on **“Exponential Technology in Education (19th 2020)”**.

Research Summary and list of Publications

Done study of number theoretic notations for study of computation and communication interconnection network in Parallel and Distributed Systems as part of my research work and following publications have been done during this period:

1. Study of Topological Analogies of Perfect difference Network and Complete Graph
- 2 Knowledge representation of binary coding of logic operations for Interconnection Network
3. Number Theoretic Model of Concurrent Access in Hypercube Interconnection Network
4. Study of Patterns of Connectivity in Hypercube Interconnection Network through Number Theoretic Notation.
5. Study of Connectivity and Complexity of Architecture for Parallel and Distributed System by using topological Linear Space.

Few Words about Myself

High – achieving adjunct professor of Computer Science, versed in classroom management and online instruction, dedicated to student success. Adapt at creating an engaging curriculum and fostering student participation in both classroom and distance-learning environments. Highly effective at challenging students to expand their knowledge and move beyond the basics of the subject matter to a deeper understanding of principles and their future discipline .

Declaration

I do hereby declare that the above information provided by me is true and to the best of my Knowledge and supporting documents are enclosed here for your perusal.

Place: Rewa

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Ritu Mishra

Date -----