

# **CURRICULUM VITAE**

**NAME:-Dr.NEHA SINGH**



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## **OBJECTIVE:**

To be a part of a progressive firm offering opportunity for career advancement and Professional growth and which will help me gain sufficient knowledge.

## **WORK EXPERIENCE:**

- Having 12 years of experience at Awadesh Pratap Singh University, Rewa (M.P.).
- Currently working as a Guest Faculty in Department of Computer Science, Awadesh Pratap Singh University, Rewa (M.P.) from November 2011.
- 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.

## **Work Shop/Training Program/Conference/Webinar:**

- Attended a Short Term Training program on “**Learning Bioinformatics tools and programming techniques for teaching and Research Purpose(9<sup>th</sup> Jan -21<sup>st</sup> Jan 2012)**”
- Attended a national workshop on “**Data mining and Machine learning techniques in Bioinformatics (1<sup>st</sup> March - 4<sup>th</sup> march 2012)**”.
- Attended a International Workshop On “**Computer Forensics (6<sup>th</sup> Aug 2013)**”.
- Attended a National Conference on” **New Approaches in Research (29 December 2015)**”.

- Attended One day workshop on “**Digital India & Cashless Campaign (27 December 2017)**”.
- Attended an ANVESHAN Central Zone Student Research Convention during **February 6<sup>th</sup> & 7<sup>th</sup> 2020**.
- Attended a workshop on “**Mapping of Science and Technology Needs of Madhya Pradesh (20<sup>th</sup> February 2020)**”.
- Attended Special lecture on “**Attitude change for Personality Development (15th July 2020)**”.
- Attended a webinar on “**Role of computer technology in space science and remote sensing (7<sup>th</sup> July)**”.
- Attended a national webinar on “**Cyber opportunities and threats (27th June 2020)**”.
- Attended a webinar on “**Exponential Technology in Education (19th 2020)**”.
- Attended online Faculty Development Program on “**Global Business Foundation Skills**” Organized by Infosys BPM (**18-29th October 2021**).

### **List of Research Paper Publications:-**

1. Tiwari ,S. , Katare ,R.K.,Singh,N.,” Computing and Comprehending Parameters for Structural Analysis of PDN and Hex-Cell Architecture”,Vol.IV ,October 2015.
2. Singh,N.,Mishra,R.,Katare,R.K.,” Study of Topological Analogies of Perfect difference Network and Complete Graph”,IRJET,vol.6,issue. 6, June 2019.
3. Premikar ,S.,Katare,R.K.,Singh,N.,Katare,C.,” Binary Relations with different properties patterns in network information flow”, IJSREM ,Vol.03,Issue .12, December 2019.
4. Katare,R.K., Premiker,S.,Singh,N.,Tiwari,S.,Katare,C.,”Vector operation on nodes of Perfect Difference Network using logical operators”,vol.10,November 2019.
5. Katare R.K.,Singh N.,Singh M.,Katare C.,Bhardwaj M.,” Study of Superimposition of Edges of Spanning Tree in PDN Using PDS of  $\delta^2 + \delta + 1$  nodes” ,vol.2,Issue 8,ISSN:2395-5252 , October 2020.
6. Katare R.K.,Singh M.,Singh N.,Katare C.,Pandey A.,Bhardwaj M.,” Recursive Cube of Rings and their implementation in Interconnection Networks”, Vol..2, December 2020.

7. Katare R.K.,Singh M.,Singh N.,”Study of connectivity using AND and XOR logical operation of Josephus Cube for Parallel and Distributed systems ”,Vol. 9,October 2020.
8. Rakesh ku katare,Neha Singh,Ritu Mishra et.al.” Study of Connectivity and Complexity of Architecture for Parallel and Distributed System by using Topological Linear Space”, IJIRT, vol.8, Issue.4, ISSN: 2349-6002, September 2021.
9. Rakesh ku katare,Neha Singh,Aarti Pandey,Charvi katare,” Study of Communication structural Relationship between Processors of Parallel and Distributed System”,IJSRCSEIT,ISSN:2456-3307,2021.
10. Rakesh ku. Katare,Ritu Mishra,Neha Singh et al.”Knowledge reprsentation of binary coding logic operations for Interconnection Networks”,ISSN:148-7741,2021.
11. Rakesh ku. Katare,Ritu Mishra,Neha Singh,Sunil Tiwari,” Study of Pattern of Connectivity in Hypercube Interconnection Network Through Number Theoretic Noation”,IJIRT,Vol.8,Issue 4,ISSN:2349-6002,2021.
12. Rakesh ku. Katare,Ritu Mishra,Neha Singh,” Number Theoretic Model of concurrent Access in Hypercube Interconnection Network”, IJRASET,Vol 9,Issue IX,ISSN:2321-9653,2021.

## **EDUCATIONAL PROFILE**

Course	Institution	Board / University	Year of Completion	Aggregate (%)
High school	Mahatma Gandhi higher secondary school, Rewa(M.P.)	M P Board	2004	<b>82.4</b>
Higher school	Praveen Kumari higher secondary school, Rewa(M.P.)	M P Board	2006	<b>78.8</b>
B.Sc.(c.s)	Model science collage, Rewa(M.P.)	A P S University Rewa	2009	<b>72.5</b>
M.Sc(cs)	Awadhesh Pratap Singh University, Rewa(M.P.)	A P S University Rewa	2011	<b>81.9</b>
Ph.D.(Corsework)	Awadhesh Pratap Singh University, Rewa(M.P.)	APSU Rewa	2016	<b>80%</b>

Ph.D.	Awadhesh Pratap Singh University, Rewa(M.P.)	Awadhesh Pratap Singh University, Rewa(M.P.)	<b>Awarded in the December 2022</b>
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**PROJECT:**

- Worked as a Project Trainee as Software developer in **SEED Technology PVT.LTD.Indore (M.P.) FROM 12-2-2011 TO 13-6-2011** for Completion of Post Graduate course.
- Successfully completed project **“Online crime file management”** in **SEED Technology PVT.LTD.Indore (M.P.)** for Completion of Post Graduate course.

**Project name- “Online crimes file management”**

**Technology used: Core Java, Web Component, J2EE, and My SQL.**

**Work Experience:**

Name of the Post	Nature of the Job	Duties	Name of Organization	Period	
				From	To
Guest Faculty (Computer Science )	Contractual Basis	To teach Post Graduate, Graduate ,Diploma, Pre-Ph.D. Course work classes	Awadesh pratap singh University,Rewa (M.P.)	2011	Till Date.

**SOFTWARE SKILLS:**

- Languages** : C, C++, VB, JAVA
- Operating Systems** : Windows 7, Windows 98, 2000, XP, LINUX, DOS.
- RDBMS** : Oracle (MYSQL, PL/SQL), MS Access
- Markup & Scripting** : HTML & Java Script
- Software Packages** : MS Office2007.

**AREAS OF INTEREST:**

Oops, D.B.M.S and O.S. Concepts, Numerical method, TOC, Computer Network, Architecture-Commerce and E-Governance, Algebra and Geometry.

**PERSONAL PROFILE:**

Name : Dr.NEHA SINGH  
Date of Birth : 04-08-1989.  
Father's name : SHRI D.K. SINGH  
Languages Known : English and Hindi  
Permanent Address : Gayatri Nagar A.P.S.U. Road Rewa (M.P.)  
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**DECLARATION:**

I here by declare that the information furnished above is true to the best of my knowledge.

**Place: REWA**

***Dr.Neha Singh***

**Date.....**