

## **DR. REKHA TRIPATHI**

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Rewa (M.P.) 486001

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**Mobile (+91) 9074477930**

### **CAREER OBJECTIVE**

To build a career in Computer Science and Information Technology industry. To be an asset for an organization for its growth as well as for my growth through my potential, efficiency, knowledge, skills and exposure which I am getting during my course. Good technical skill use in a organization and achieve my target.

### **EDUCATIONA QUALIFICATION**

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|------------------|--|
| <b>2014-21</b>   | <b>Ph.D. ( Computer Science )</b> awarded from Awadhesh Pratap Singh University, Rewa, (M.P.) Ph.D. Registration number is <b>15/2014</b><br>Ph.D. Topic <b>“Critical study of cost and effort estimation models for object oriented software engineering”</b> |
| <b>2009-10</b>   | <b>M.Phil. ( Computer Science )</b> from Awadhesh Pratap Singh University , Rewa, (M.P.) with <b>“A” grade (7.68%)</b>   |
| <b>2004-2006</b> | <b>M.Sc. ( Computer Science )</b> from Awadhesh Pratap Singh University, Rewa, (M.P.) with <b>First Division (68.96%)</b>  |
| <b>2001-2004</b> | <b>Graduation B.Sc. ( Maths)</b> from Awadhesh Pratap Singh University, Rewa, (M.P.) with <b>Second Division (55.66%)</b>  |
| <b>2000-2001</b> | <b>XII ( Science )</b> from MP Board form Saraswati H.S. School, Shahdol, Science (Math) Group with <b>First Division (65.56%)</b>   |
| <b>1997-98</b>   | <b>X</b> from MP Board form Saraswati H.S. School, shahdol with <b>First Division. (76%)</b>   |

## CONFERENCES

### **2012 “Fault Tolerance in Network Virtual Environment”**

National conference on Role of Library and Information centers in modern Scenario, Feb 24-26 2012 Organized by Govt. T.R.S. Collage Rewa (M.P.)

### **2012 “Comparison of Topological Properties of Perfect Difference Network in Hyper Cube”**

National conference on Role of Library and Information centers in modern Scenario, Feb 24-26 2012 Organized by Govt. T.R.S. Collage Rewa (M.P.)

### **2012 “ Role of New Technologies in Conservation of Environment”**

NETCON-08 23-24 March 2012 in Department of Environment Biology, Awadhesh Pratap Singh University, Rewa, (M.P.)

### **2013 “ Computer Aided Drug Design ”**

VIII National conference on Biotechnology, Biodiversity & Environment, 19-20 April 2013, Organized by Govt. New Science Collage Rewa (M.P.)

### **2014 “ Computer Aided Drug Discovery Process ”**

IX National conference on Current trends and Future Challenges , 26-27 April 2014, Organized by Govt. New Science Collage Rewa (M.P.)

### **2018 “Effort Estimation Methods Software Development Using Machine Learning Algorithms”**

National conference on Effect of Space Environment on The Blue Planet, April 22-23 2018 Organized by Govt. T.R.S. Collage Rewa (M.P.)

### **2020 “ The Epidemiological Impact and Role of COVID-19 During Lock Down”**

Two Day International E-Conference on Technological Support To Fight Against COVID-19 , June 21-22, 2020 Awadhesh Pratap Singh University, Rewa, (M.P.)

## RESEARCH PAPER

**2012 Manisha Singh and Rekha Tripathi “ Error in Software Fault Tolerance”**

International Journal of Engineering Research & Technology,ISSN:2278-0181ISO3297:2007.

**2013 Manisha Singh and Rekha Tripathi “Computer Aided Drug Design & Molecular Modeling ”**

Paper published in VIII National conference on Biotechnology, Biodiversity & Environment, ISBN -978-81-9228063-2-7.

**2014 Rekha Tripathi and Manisha Singh “ Computer Aided Drug Design Strategies in the Drug Discovery Process”**

Current trends and Future Challenges in Biotechnology, Biomedicine for Human Welfare and Sustainable Development ISBN:978-81-928063-6-5,2014.

**2016 Rekha Tripathi and Dr. P.K. Rai “ Comparative Study of Software Cost Estimation Techniques”**

International Journal of Advance Research in Computer Science and Software Engineering ISSN:2277128X Vol-VI, Jan 2016.

**2017 Rekha Tripathi and Dr. P.K. Rai “ Machine Learning Methods of Effort Estimation and It’s Performance Evaluation Criteria”**

International Journal of Computer Science and Mobile Computing, Vol.6 , Jan 2017.

**2018 Rekha Tripathi and Dr. P.K. Rai “Software Effort Estimation In Agile Methodology Based on Story Point Approach” ISSN:0976-9968 Vol.-II, July 2018.**

## **WORKSHOP/TRAINING PROGRAM**

**2012 Attended a Short –Term training program on “ Learning Bioinformatics tools and Programming Techniques For Teaching and Research Purpose”**

Sponsored by DBT, India from 9to 21 Jan 2012.

**2013 Attended a International Workshop on “ Computer Forensics”** and present research paper . Sponsored by Bhoutiki avam Computer Vigyan Parishad M.P. Govt. T.R.S. Collage Rewa (M.P.)

**2015 Attended a National Workshop and Competitive Event on “ Science Popularization and Malnutrition and Human Health”** Sponsored by M.P. Council of Science & Technology Bhopal, Organized by Govt. New Science Collage Rewa (M.P.)

**2021 Participated in the AICTE Recognized FDP on “ Advances Computational Innovation in Engineering and Science ”** From 7-8 Dec 2021 Organized by Acropolis Institutes of Management Studies and Research, Indore.

**2022 Participated in the AICTE Training and Learning Academy Virtual FDP on “Robotics & Automation”** From 2-6 Feb 2022 at National Institute of Technical Teachers Training and Research Chandigarh.

## **PERSONAL INFORMATION**

**Father's Name**            Shri L.P. Sharma  
**Mother's Name**            Smt. Bandana Sharma  
**Husband Name**            Dr. Uma Nayan Tripathi  
**Date of Birth**              19 sep 1984  
**Sex**                          Female  
**Marital Status**            Married  
**Nationality**                Indian

## **WORK EXPERIENCE**

**Teaching**            Working as a **Guest Faculty** in Department of Computer Application, Awadhesh Pratap Singh University Rewa (M.P.) for Teaching BCA & MCA Classes from Oct 2010 to till date.

## **DECLARATION**

I hereby declare that the above-mentioned information is true to the best of my knowledge and belief.

Date:

Place:

**DR.REKHA TRIPATHI**

