



CURRICULUM VITAE

Dr. Rajani D. Singh
C/o Mr. Dayashankar V. Singh,
48, Opposite Sai Darshan Apartment,
Shivaji Nagar, Mul Road,
Chandrapur-442401 (M.S.)

Dr. Rajani D. Singh
B.Sc(C/S), M.C.A, Ph.D(C/S)
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Mobile no: 09970955373

OBJECTIVE

Committed and Experienced faculty member with more than 10 years of experience serving as Assistant Professor in the Department of Computer Studies and Research, in Sardar Patel Mahavidyalaya, NAAC Accredited 'A' Grade, Affiliated by Gondwana University, Gadchiroli. Have distinguished record of paper publication in National and International Journals and Article writing in Newspapers. Being a member of various professional association plus having robust idea of teaching and knowledge of many different methods, help students to develop and motivate towards their expertise in studies and specific areas. Dedicated operative hand of University Programs and outreach Events that help promote learning and support. Realize challenging, competitive and disciplined environment, passionate about working towards the growth of an organization and make it more preceding in today's competition.

PERSONAL PROFILE

| | |
|----------------------------------|---|
| FATHER NAME | : Late. Shri. Dayashankar V. Singh |
| MOTHER NAME | : Smt. Sarita D. Singh. |
| CONTACT NUMBER | : Mob. 9970955373 |
| DATE OF BIRTH | : 13th-Dec-1985 |
| EDUCATIONAL QUALIFICATION | : Ph.D(C/S), M.C.A., B.Sc. (C/S) |
| MARITAL STATUS | : Married |
| RELEGIION / NATIONALITY | : Hindu / Indian |

LANGUAGE KNOWN

:

| Sr. No. | Languages | Read/Write | Speak |
|---------|-----------|------------|-------|
| 1 | HINDI | Yes | Yes |
| 2 | MARATHI | Yes | Yes |
| 3 | ENGLISH | Yes | Yes |

ACADEMIC PROFILE

| EXAMINATION | BOARD/UNIVERSITY | YEAR | PERCENTAGE |
|-------------------|-------------------------------------|------|------------|
| Ph.D. | R.T.M. Nagpur University, Nagpur | 2017 | |
| M.C.A. | Nagpur | 2009 | 67.82 |
| B.Sc.(Comp. Sci.) | Nagpur | 2006 | 46.14 |
| H.S.C | Nagpur | 2003 | 54.50 |
| S.S.C | Nagpur | 2001 | 67.06 |

PROFESSIONAL EXPERIENCE**WORK EXPERIENCE**

- ⊙ Worked with SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR as a Lecturer in the Department of Computer Studies and Research (M.C.A, M.Sc.), Affiliated to R.T.M. Nagpur University, Nagpur. From: 1st July 2010 to till date.
- ⊙ Worked in SHRI SHIVAJI SCIENCE COLLEGE, NAGPUR as a Lecturer in Computer Science and Computer Application Department (M.C.A, M.Sc., and B.Sc.) From: 09th July 2009 to 30th March 2010.
- ⊙ Worked in INSTITUTE OF SCIENCE COLLEGE, NAGPUR as a Lecturer in Computer Science Department (B.Sc.) From: 17th November 2009 to 02nd February 2010.

ADMINISTRATIVE EXPERIENCE

- ⊙ Working as a Placement Officer for Department of Computer Studies and Research, S. P. College.
- ⊙ Working as an Admission Committee Member for Department of Computer Studies and Research for MCA and M.Sc. (C/S) from 2013-2014 to till date.

- ⊙ Worked as a Cultural and Sports Head in Cultural Activities for Department of Computer Studies and Research in 2018-2019 and 2012-2013 to 2013-2014 organized in S.P College.
- ⊙ Given guest lectures on Computer topics at College.
- ⊙ Organizes various Academic Workshops and Seminars for M.C.A., M.Sc. and M.C.M. Students of Department of Computer Studies and Research from 2010 to onwards.

ACADEMIC EXPERIENCE

- ⊙ Worked as a Resource Person for University Level One Day Workshop on “How to Enroll and Learn IIT Spoken Tutorial” on dated 27th July 2019 organized by Gondwana University, Gadchiroli and Sardar Patel Mahavidyalaya jointly in collaboration with ‘IIT Spoken Tutorial, Bombay.
- ⊙ Worked as a Subject Expert for University Level One Day Workshop on “CBCS Pattern and Syllabi of Computer Science and Information Technology” on dated 27th July 2019 organized by Janata College, Chandrapur.
- ⊙ Worked as a Subject Expert for University Level One Day Workshop on “CBCS Pattern and Syllabi of Computer Science” on dated 9th March 2018 organized by Arts, Commerce and Science College, Chandrapur.
- ⊙ Working as a Paper Setter / Moderator / Valuer / Practical Examiner for the examination of MCA / MCM / M.Sc. (Computer Science), B.Com. (Computer Application) of Gondwana University, Gadchiroli
- ⊙ Worked as an Internal and External Examiner for the Gondwana University, Gadchiroli.
- ⊙ Worked as a Valuer / Practical Examiner for the examination of M.Sc. (Computer Science), B.Com. (Computer Application) of R.T.M Nagpur University.
- ⊙ Worked as an Internal and External Examiner for the R.T.M Nagpur University.

QUALIFICATION AND SKILLS

ONLINE CERTIFICATIONS

- ⊙ “**MapReduce and YARN**”,BD0115EN, on dated 21/09/2019, from ‘courses.cognitiveclass.ai’.
- ⊙ “**NoSQL and DBaaS 101**”DB0151EN, on dated 13/12/2018, from ‘courses.cognitiveclass.ai’.
- ⊙ “**Big Data 101**”, BD0101EN, on dated 12/07/2018, from ‘courses.cognitiveclass.ai’.
- ⊙ “**Hadoop 101**”, BD0111EN, on dated 12/07/2018, from www. Udemy.com.

- ⊙ **“Oracle Certification: Mastering Java for Beginners & Experts”** on dated 10/25/2018, from www. Udemy.com.
- ⊙ **“Python 101 for Data Science”**, PY0101EN, provided by ‘courses.cognitiveclass.ai’.
- ⊙ **“Data Privacy Fundamentals”**, DS0301EN, provided by ‘courses.cognitiveclass.ai’ on dated 24th Oct. 2018
- ⊙ **“SQL and Relational Databases 101”**, DB0101EN, provided by Big Data University, courses.cognitiveclass.ai on dated 24th Oct. 2018
- ⊙ **“Block chain Essentials”**, BC0101EN, provided by ‘courses.cognitiveclass.ai’ on dated 19th Oct. 2018

CERTIFICATIONS

- ⊙ Certificate in JAVA course from NARESH INSTITUTE, HYDERABAD.
- ⊙ Certificate in VB, Oracle with 74% (2006) From Evok Career Academy, Chandrapur.
- ⊙ Certificate in Tally in 2005 from APTECH Computer Education, Chandrapur.

CERTIFICATIONS FROM WORKSHOP’S / SEMINARS

- ⊙ Certificate of 2 days’ workshop on **Python Programming from Spark Lab**, Association with TECHNEX IIT-BHU dated on 11-Feb-2014 to 12-Feb-2014.
- ⊙ Certificate of 3 days’ workshop on **Android Operating System from SSIT**, Nagpur dated on 27-Jan-2014 to 29-Jan-2014.
- ⊙ Certificate of one day workshop on **“Computer Syllabus Design”** for UG&PG of Gondwana University, Gadchiroli dated on 31st March 2012.
- ⊙ Certificate of 2 day State Level Seminar on **“Role of Internal Quality Assurance Cell in Quality Enhancement in Higher Education Institutes in Rural Area”** Organized by IQAC held on 24-25 August 2012.

TECHNICAL / SOFTWARE SKILLS

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|--------------------------------------|--|
| Programming Language | : C++, VB, VB.NET, Oracle, Java, J2EE |
| Data Base/ RDBMS | : Oracle 8i/9i/10g, MS-Access, SQL Server |
| Web Tech. /Scripting Language | : HTML, XML, Java Script, VB Script, PHP, PYTHON |
| Other Tools/Package | : SPSS, Big Data and Hadoop |

AWARD

- ⊙ Recipients of **“Charles Babbage Young Woman Best Write Award-2015”** (Mahatma Fule Talent Research Academy) on 12th October 2015.

PUBLICATION AND PRESENTATION

PAPER PUBLISHED

- ⊙ Research paper entitled on **“Security Impediment due to Unauthorized Granular Access and Tainted Metadata in Big Data”** in **“PARISHOD JOURNAL”**, Group-I UGC-CARE-LIST Monthly peer reviewed Multi-disciplinary journal. Volume: 9, Issue: 3, Year: March 2020, ISSN No.: 2347-6648
- ⊙ Research paper entitled on **“Identification of Pattern: Discovery for prediction with Slicing of data with Attributes based Privacy Preservation”** in **“PARISHOD JOURNAL”**, Group-I UGC-CARE-LIST Monthly peer reviewed Multi-disciplinary journal. Volume: 9, Issue: 3, Year: March 2020, ISSN No.: 2347-6648
- ⊙ Research paper entitled on **“Implementation of Security Solution in Big Data”** in National Conference on Computer Technology, Management and its Application **“NC2TMA-2018”**, Organized by **“Institute of Management and Career Courses (IMCC)”**, Savitribai Phule Pune University. 27th and 28th March 2018.
- ⊙ Research paper entitled on **“SBKRDS (Systematic Benchmark for Risk Documentation of System): Risk Assessment to Explore Threats and Vulnerability in Database Security”** in **“GLOBAL JOURNAL FOR RESEARCH ANALYSIS”**, International Multi-Subject Journal Volume: 4, Issue: 6, Year: June 2015, ISSN No: 2277-8160, Journal DOI: 15373/22778160
- ⊙ Research paper entitled on **“Database Security through Risk Assessment”** in **“3rd National Conference on Recent Trends in Information Security”** NCRITIS-2015 under **TEQIP-II**, Organized by Department of MCA GHRCE, Nagpur. Year: January 2015, ISBN No: 978-93-5196-218-2.

- ⊙ Research paper entitled on “**Risk Assessment to Explore Threats and Vulnerabilities in Database Security**” in “**National Conference on Research Trends and Doctoral Research Meet**” Organized by Rajiv Gandhi College of Engineering, Research and Technology, Chandrapur. 21st-22nd February 2014.
- ⊙ Research paper entitled on “**Data Threats and Vulnerability Explosion on Cyberspace Advertisement**” in “**SPM-JAR Journal of Academic Research**” Organized by S.P College, Chandrapur. Volume No. 2 Issue No. 1 Year: January 2013 ISBN No: 2277-3908.
- ⊙ Research paper entitled on “**Barricade Phishing Scams: Solving Phishing/Identity Theft Problem from Social Networks via Database Firewall**” in International Level Conference on “**Emerging Trends in Computer Science and Information Technology**” Organized by Shri Jagdish Prasad Jhabarmal Tibrewala University. 9th-10th April 2012.
- ⊙ Research paper entitled on “**Electronic Data Threats over Cyberspace Advertisement**” in National Level Conference on “**Modern Management Techniques and the Corporate World**” Organized by HISLOP COLLEGE, Nagpur. 20th April 2012, ISBN No: 978-81-910409-3-7.
- ⊙ Research paper entitled on “**Forecasting from Identifying Events and Temporal Relationships from Wikipedia Mining**” on “**Abhinav NATIONAL MONTHLY REFEREED JOURNAL OF RESEARCH IN SCIENCE AND TECHNOLOGY**”, VOLUME NO.1 ISSUE NO.4 April 2012, and ISSN No: 2277-1174.
- ⊙ Research paper entitled on “**Security Hazards due to e-wastage in Social Environment**” in National Level Commerce Conference on “**CLEANER PRODUCTION FOR GREENING INDUSTRIES: STEPS TO SUSTAINABILITY**” Organized by Sardar Patel Mahavidyalaya, Chandrapur.
- ⊙ Research paper entitled on “**Invasion of Foreign Educational Institution in India**” in State Level Commerce Conference on “**Changing Paradigm of Higher Education in Commerce in Globalized Economic Scenario**” Organized by Sardar Patel Mahavidyalaya, Chandrapur.

- ⊙ Research paper entitled on “**Information Technology & Drive the New Economy**” in National Level Conference on “Changing Face of Indian Management & 21 Century” organized by Annasaheb Gundewar College, Nagpur.

WORKSHOP / SYMPOSIUM PARTICIPATION

- ⊙ Participated the Interdisciplinary Workshop on “**Research Methodology**” Organized by IQAC and University approved Center for Higher Learning and Research of Dr. Ambedkar College and Dr. Ambedkar Institute of Management Studies and Research, Deekshabhoomi, Nagpur. 25th April - 4th May 2015.
- ⊙ Participated in One Day Symposium on Research Methodology "**Analytical Research Techniques**" Organized by Computer Science & Department of Mathematics, on 6th May 2014.
- ⊙ Participated in Three Days National Workshop on "**Analytical Research Techniques**" ART-2014 Organized by Bapurao Deshmukh College of Engineering, Sevagram. 14th-16th March 2014.

BOOKS WRITTEN

Co-Author in more than 10 Books related to Computer Subjects.

- ⊙ Co-Author, Text book, “**COMPUTER FOR MANAGER**”, 1st Edition, published by Das Ganu Prakashan, Nagpur in Oct. 2018, (ISBN : 978-93-84336-530)
- ⊙ Co-Author, Text book “**PROGRAMMING IN JAVA**” published in the month of March. 2018 by Das Ganu Prakashan, Nagpur. **First Edition (ISBN No.: 978-93-84336-49-3)**
- ⊙ Co-Author, Text book, “**E-COMMERCE AND WEB DESIGN**”, 3rd Ed. published by DAS GANU Prakashan, Nagpur in Mar. 2018. (1st Ed. Sep. 2012, 2nd Ed. Jul. 2015) (ISBN : 978-93-81660-52-2)
- ⊙ Co-Author, Text book “**WEB TECHNOLOGY (INTERNET, WWW, HTML, DHTML & CSS)**” published in the month of July. 2017 by Das Ganu Prakashan, Nagpur. **First Edition (ISBN No.: 978-93-84336-39-4)**

- ⊙ Co-Author, Text book “**E-COMMERCE & WEB DESIGNING**” published in the month of May 2015 by Das Ganu Prakashan, Nagpur. **2nd Edition (1st Edition Sept. 2012) (ISBN No.: 978-93-81660-52-2)**
- ⊙ Co-Author, Text book “**COMPUTER FORENSIC SCIENCE**” published in the month of Oct. 2015 by Das Ganu Prakashan, Nagpur. **First Edition (ISBN No.: 978-93-84336-09-7)**
- ⊙ Co-Author, Text book “**ORACLE (PL/SQL) PRACTICAL SOLUTION**” published in the month of Sept. 2015 by M/s Rajani Prakashan, Nagpur. **First Edition (ISBN No.: 978-93-83619-64-1)**
- ⊙ Co-Author, Text book “**WEB DESIGNING (HTML AND JAVASCRIPT)**”, 3rd Ed. published by DAS GANU Prakashan, Nagpur in Aug. 2015. (1st Ed. Jan.2011, 2nd Ed. Mar. 2013) (ISBN : 978-93-81660-05-8)
- ⊙ Co-Author, Text book “**WEB DESIGNING (HTML AND JAVASCRIPT)**” published in the month of March 2013 by Das Ganu Prakashan, Nagpur. **Second Edition (ISBN No.: 978-93-81660-53-9) (First Edition February 2011)**
- ⊙ Co-Author, Text book “**MEDIA MANAGEMENT**” published in the month of March 2013 by M/s Rajani Prakashan, Nagpur. **First Edition (ISBN No.: 978-81-927984-9-3)**
- ⊙ Co-Author, Text book “**E-COMMERCE & WEB DESIGNING**” published in the month of Sep 2012 by Das Ganu Prakashan, Nagpur. **First Edition Sept. 2012 (ISBN No.: 978-93-81660-52-2)**
- ⊙ Co-Author, Text book “**WEB DESIGNING (HTML AND JAVASCRIPT)**” published in the month of Jan 2011 by Das Ganu Prakashan, Nagpur. **First Edition (ISBN No.: 978-93-81660-05-8)**

NEWSPAPER ARTICLE

Articles were published in “The Hitavada” daily English Newspaper’s education supplement “Future”, Central India Largest Circulation daily English Newspaper, (www.ehitavada.com) (future.hitvada@gmail.com)

- ⊙ “**Are you submitting Ph.D. THESIS**” on dated 7th Aug. 2018
- ⊙ “**UNDERSTANDING RESEARCH METHOD & METHODOLOGY**” on dated July 24,2018

- ⊙ “Gateway to MCA” on dated March. 06, 2018
- ⊙ “PEEPING INTO RESEARCH PAPER PUBLICATION” on dated Feb. 13, 2018
- ⊙ “Climb the ladder of success with MCA” on dated Feb. 23, 2016

PROFESSIONAL ASSOCIATION

- ⊙ Member of Computer Application Board, Gondwana University, Gadchiroli.
- ⊙ A Member of Computer Science of India (CSI).
- ⊙ Member of Computer Science Teacher Association.
- ⊙ A Member of International Computer Science and Engineering Society (ICSES).

CONTRIBUTION TOWARDS STUDENT’S CENTRIC ACTIVITIES

Guided students to get prizes in following activities,

| Sr. No. | Title | Organizer | Stood/Topic |
|---------|--|---|--|
| 1 | Poster Competition | Sardar Patel Mahavidyalaya, as a part of Digital India Week | 07 students got the prizes |
| 2 | Certificate for Completion of ‘C’ Training | Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt. of India | 14 students were successfully cleared the online examination. |
| 3 | National Science Day-2014 | Govt. Science College, Gadchiroli, Supported by NCSTC, DST and Rajiv Gandhi Science and Technology Commission Govt. of Maharashtra. | 1 st Model : E-Waste |
| 4 | Gondwana University Level Science Exhibition Innovo-2011 | Sardar Patel Mahavidyalaya, Chandrapur (Project was selected for Inter-Collegiate Research Festival 2011-2012 organized by RTMNU, Nagpur) | 1 st (PG Group) : Model Title: Project Planner 2 nd (UG Group) : Model Title: Medical Advisor |

DECLARATION

I, the undersigned, certify that the above furnished information correctly describes my qualification; my experiences and to the best of my knowledge and belief.

Date :



Dr. Rajani D. Singh
B.Sc(C/S), M.C.A, Ph.D(C/S)