

CURRICULUM VITAE

Dr. RAKSHA BADGAIYAN

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Job Description

To excel in the field of Information Technology, Working in challenging environment whereby contributing, sharing and learning.

Professional Synopsis

Ph. D. in Computer Science.

Technical Efficiency

Operating System : Window XP, Window 7,10,11.

Software Languages : C, C++, VB, Java.

RDBMS : MS Access, Oracle8i.

Tools : MS Office 2003/2007.

Others : Data Structure, Digital Electronics, Computer Architecture, Operating System, Neural Network, Fuzzy Logic, Database Management System, Theory Of Computing, Microprocessor, Computer Network, System Analysis & Design, Software Engineering, Computer Graphics.

Academic Record

Education	Board/University	Year	Marks	Percentage
Ph.D. (Computer Science)	Kalinga University Raipur (C.G.)	2022 (June)	Awarded	Awarded
M.Phil.(Computer Science)	Dr. C. V. Raman University(C.G.)	2009	356/500	71.2%
M.Sc.(Computer Science)	Guru Ghasidas University Bilaspur(C.G.)	2008	1937/2800	69.18%
B.Sc.(Computer Science)	Guru Ghasidas University Bilaspur(C.G.)	2006	1042/1900	54.8%
12 th	C.G. Board	2003	281/500	56.2%
10 th	M.P. Board	2001	363/500	72.6%

Research Paper Accepted in National Conference

- (1) "Design of Multiple Adaptive Neuro Fuzzy Inference System (MANFIS) Model & its Analysis" October 3-4, 2009 organized by D.P. Vipra P.G. College Bilaspur (C.G.).
- (2) "Application of Fuzzy Logic Techniques: A Comparative Study" (NCICIS-2009) October 3-4, 2009 organized by D.P. Vipra P.G. College Bilaspur (C.G.).

Research Paper Presented and Published in National and International Seminar/Conference

- (1) "Open Access Journal: A Comparative Study with Conventional Methods"(4-5 March 2012) organized by Govt. E. Raghvendra Rao (P.G.) Science Collage Bilaspur (C.G.).
- (3) "Library Management Using RFID Security System" (25-26 March 2012) organized by Govt. Girls College Satna (M.P.)
- (4) "Information Technology in Library" (22-23 November 2012) organized by Govt. J.P. Verma P.G. Arts & Science Collage Bilaspur (C.G.).
- (5) "Role of Digital Library in the Changing Word of Education" (1-2 Feburary 2013) organized by Govt. Mayurdhwaj Mahadani Raja P.G. College Champa (C.G.).
- (6) "Effective Communication Using IT" (6-7 March 2013) organized by Mansa Polytechnic College, Bhilai (C.G.).
- (7) "Computer Applications for Social and Economical Development of Chhattisgarh" (8-9 March 2013) organized by Bhilai Institute of Technology, Durg (C.G.).
- (8) "Performance Evaluation of C4.5 and Naïve Bayes Classification Algorithms" (4-5 Jan 2020) organized by Atal Bihari Vajpayee University, Bilaspur (C.G.) India.
- (9) "IT Based Advance Communication System" (Jan 18-19, 2020) organized by Govt. E. Raghvendra Rao (P.G.) Science Collage Bilaspur (C.G.).
- (10) International Conference on Innovations in Management, Science and Technology (ICIMST) (August 5-6, 2022) organized by Department of Computer Science and Electronics University of Science and Technology, Meghalay, India.
- (11) "Emerging AI Trends and Future Directions in Education: A Comprehensive Review" National Seminar on "Integration of Artificial Intelligence (AI) in Education" Organized by Vipra College Raipur(C.G.) in 27-28 June 2025.
- (12) Data Collection: Methodologies, Challenges and Ethics
- (13) Two days International Conference on "Multidisciplinary research in importance and utility of library in the age of Technology" by Research Institute of social Science and Management Studies Jabalpur MP India. Paper entitled "Future and Relevance of Library in Artificial Intelligence age: A Review".
- (14) Two days International Conference on "Multidisciplinary research in importance and utility of library in the age of Technology" by Research Institute of social Science and Management Studies Jabalpur MP India. Paper entitled "Awareness of Digital Library among Library Professionals in Bilaspur District: A Review".
- (15) Two Days National Conference on Multidisciplinary research in "Indian Knowledge System and National Education Policy 2020" organized by Sidharth College, Bilha Bilaspur, SSMWA and MPCEA. Paper entitled "National Education Policy 2020: Changing Face of Library".
- (16) Two Days National Conference on Multidisciplinary research in "Yoga, Music, Health, Culture, Education and Science" Organized by Social Studies Teachers Forum Indonesia, Bliss Education Center Indonesia, Global Forum for Peace and Development , Social Science and Management Welfare Association. Paper entitled "Blending Value Based Education with Digital Intelligence".

Paper published in International Journal

- (1) "Effective Fuzzy Clustering Technique in Intelligent Decision Support System" CIIT International Journal, Impact Factor-0.7 DOI: AIML082012007 Issue- August 2012.
- (2) "Effective Communication Using IT" International Journal of Creative Research Thoughts (IJCRT), Volume 1, Issue 4, April 2013, ISSN:-2320-2882.
- (3) "Performance Evaluation of Data Mining Classification Techniques" IJIRCCE, Impact Factor 7.542, Volume 9, Issue 8, August 2021.
- (4) "A Comparative Study of C4.5 and Naïve Bayes Algorithms" IJRASET, Impact Factor 7.429, Volume 9, Issue VIII, August 2021.
- (5) "Future and Relevance of Library in Artificial Intelligence age: A Review" page no. 72-74, IJSSMS, Impact Factor-5.2, Ex-UGC S.N. 5351, ISSN: 2454-4855, Vol-12, No-4 May 2026, Issue-1st.
- (6) "National Education Policy 2020: Changing Face of Library" EWMIJMR, Peer Reviewed- Refereed Journal, Indexing & Impact Factor 4.8, Volume 14, Issue English, May 2026, ISSN:0975-8771.
- (7) "Awareness of Digital Library among Library Professionals in Bilaspur District: A Review" page no. 15-18, IJSSMS, Impact Factor-5.2, Ex-UGC S.N. 5351, ISSN: 2454-4855, Vol-12, No-4 May 2026, Issue-1st.
- (8) "Blending Value Based Education with Digital Intelligence" UIJMSR, Peer Reviewed- Refereed Journal, Indexing & Impact Factor 4.8, Volume 8, Issue 1st, June 2026, ISSN:2581-8872.

Attended Workshop

- (1) "Bluetooth: Information Sharing & Learning" (1-2 February 2013) organized by Govt. E. Raghvendra Rao (P.G.) Science Collage Bilaspur (C.G.).
- (2) "E-Content Development using OER for Quality Higher Education" (3-4 February 2018) organized by Bilaspur University, Bilaspur (C.G.).
- (3) Five Days Workshops on "Recent Trends in AI, Fin-tech and Security" organized by School of Studies in Computer Science and IT, PRSU Raipur (C.G.) 5-9 Feb 2025.
- (4) Participated in the National Symposium on Intellectual Property Rights held on Academy, Achhoti, Durg, Chhattisgarh 27th September 2025 (Saturday) in association with organized by Sandipani Veetranga Research Foundation, Raipur, Chhattisgarh and Faculty of Education, The ICFAI University, Raipur, Chhattisgarh.

Participated in Conference

- (1) "Accurate Diagnosis of Diseases by using Data Mining Technique for rural man" (7-8 March 2014) organized by Parthivi College of Engineering & Management, Sirsakala Bhilai-3 (C.G.).
- (2) National Conference on "Women's Empowerment: Past, Present and Future" on 5th July 2026 organized by RISSMS, Jabalpur(M.P.), India.

Participated in International Webinar

- (1) "Emerging Challenges and Opportunities on Higher Education due to COVID-19 Pandemic" (13th June 2020) organized by Govt. Digvijay Autonomous P.G. College Rajnandgaon (C.G.), India.
- (2) "Role of Artificial Intelligence in Today's Business Development" (5th December 2020) organized by Kalinga University, Naya Raipur (C.G.).

Guest Lecture

- (1) “Impact of Intelligent System and Its Application in Data Science” (21th June 2022) organized by Vipra Arts, Commerce and Physical Education College Raipur (C.G.), India.

Book Published

- (1) “Database Management System” ISBN No.- 9978-93-6786-595-8 published in 31 Oct. 2024 By Quill tech Publication.

Awards & Samman

- (1) “Bharat Vidya Shiromani Award” for the outstanding achievements and remarkable role in the field of education by Indian Solidarity Council New Delhi 27 May 2012.
- (2) “Bharat Mahila Rattan Gold Medal Award” for the serving in the field of Education by Indian Institute of Education, Delhi 27 May 2012.
- (3) “Brahma Samman” (23-03-2013) by Mahila Manch Saryu-Dwij Brahman Samaj, Janjgir (C.G.).

Orientation

- (1) NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by Malaviya Mission Teacher Training Centre, Pt. Ravishankar Shukla University, Raipur, (C.G.) from 5.11.2024 to 14.11.2024.

FIP

- (1) Participated in 4 week Faculty Induction Program(Gurudakshata) held from 28-01-2025 to 24-02-2025.and Obtained Grade A.

Refresher

- (1) “Refresher Course in Artificial Intelligence Tools in Teaching and Learning (Multidisciplinary)” under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) organized by Malaviya Mission Teacher Training Centre, Indira Gandhi National Tribal University, Amarkantak (MP) from 12th January, 2026 to 24th January, 2026 and obtained grade A+.

FDP

- (1) Participated in the One Week National Level Faculty Development Program on Research Methodology organized by Sandipani Academy, Achhoti, Durg, Chhattisgarh in association with Veetrage Research Foundation, Raipur, Chhattisgarh held from 21.04.2025 to 26.04.2025.
- (2) Participated in the Seven-Day National Faculty Development Program on “Indian Knowledge System” from 5-12 April 2025 jointly organized by Department of Chemistry & Geography, Govt. Lahiri P.G. College, Chirimiri, District MCB, Chhattisgarh.
- (3) participated in One Week Faculty Development Program (FDP) on “Emerging Trends in Generative AI” organized by Department of Computer Engineering, Pimpri Chinchwad College Of Engineering and Research from 9 - 14 February 2026
- (4) Participated and successfully completed the 6 Days National Level Faculty Development Program (FDP) on organized by Department of CSE, Sardar Vallabhbhai National Institute of Technology (SVNIT) Technically Co-sponsored by IEEE - Gujarat Section & partnered with Pantech Solutions (India) Pvt., Ltd. from 16 - 21 February 2026.

Personal Details

NAME	Dr. Raksha Badgaiyan
FATHER'S NAME	Mr. V.D. Shukla
ADDRESS	RR-127, Parthivi Province, Sarona, Raipur (C.G.)
DATE OF BIRTH	21-11-1985
NATIONALITY	Indian
SEX	Female
MARITAL STATUS	Married
LANGUAGE KNOWN	English, Hindi

Experience(13 years)

- (1) At the post of Guest Faculty in Computer Science Department of Govt. Girls Degree Collage for three years (2008, 2011) Bilaspur (C.G.).
- (2) At the post of Guest Faculty in Computer Science Department of Govt. E. Raghvendra Rao (P.G.) Science Collage for three years (2011-2014) Bilaspur (C.G.).
- (3) At the post of Guest Faculty in Computer Science Department of D.P.Vipra Collage for one year (2014-2015) Bilaspur (C.G.).
- (4) At the post of Guest Faculty in Computer Science Department of Govt. Bilasa Girls Collage for two year (2017-19) Bilaspur (C.G.).
- (5) At the post of Guest Faculty in Computer Science Department of Smt. P.G. Daga Girls Collage for year (2022-23) Raipur (C.G.).
- (6) At the post of Assistant Professor in Computer Science Department of Vipra Kala, Vanijya avam Sharirik Shiksha Mahavidyalaya for year (23 to current) Raipur (C.G.).

I hereby declare that above information is true to the best of my knowledge.

Date

Dr. Raksha Badgaiyan