

Rakesh Verma

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Contact

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Objective(s)

To be play a pivotal organizational and technical role in academic professions, where I can help to develops learning ability and sharp innovative minds using my skills and knowledge.

Key Skills

- Assessing student performance and potential in the classroom.
- Promoting diversity through lecture and learning activity.
- Participating in academic activities.
- Motivating and promoting to students for research and development.

Professional Experience

Government Engineering College Ajmer (GECA) Rajasthan

Assistant Professor

- Taking Academic Work
- Coordinate Training and Placement Cell Activities
- Providing research guidance and encouraging for development.
- Instructed students at the professional level.

Full-Time

2nd Jan 2018 – Present

Medi-Caps University Indore (M.P.)

Assistant Professor

- Proposed dissertation report preparation guidelines and instructions format for M. Tech candidates.
- Proposed guidelines and instructions format to prepare synopsis of dissertation for M. Tech candidates.
- Guided to develop online feedback system for the institute.
- Providing research guidance and encouraging for development.
- Instructed students at the professional level.
- Prepared academic time table.

Regular

11th Jan 2012 – 29th Nov 2017

Lovely Professional University, Phagwara (Punjab)

Assistant Professor

- Providing research guidance and reading materials
- Prepared academic time table.
- Organized course coordinator meetings.
- Guided major projects and M. Tech thesis.
- Participated in faculty development program.

Regular

27th July 2010- 30th Nov 2011

Truba College of Engineering and Technology Indore(M.P.)

Lecturer

- Delivered lecture.
- Participated in academic activities.

Regular

26th Dec 2007- 30th June 2008

As Visiting Faculty

- Taken visiting class of M. Tech students at School of Electronics of Devi Ahilya Vishwavidhyalya (DAVV) Indore (M.P.) in 2016.
- Taken visiting class of M. Tech students at School of Electronics of Devi Ahilya Vishwavidhyalya (DAVV) Indore (M.P.) in 2015.

Workshop Taken

- Taken one day workshop on “Network Simulator (NS-2)” at Gurukul Institute of Engineering and Technology Kota, Rajasthan in 2015.

Expert Lecture Taken

- Taken an expert lecture on “Computer Network” at Vikrant Institute of Technology & Management Indore, M.P. in 2016.

Appreciation

- Facilitated as a jury member for the Innovation and Sustainable Development Event organized by Savodaya Bal Vighyan Society in 2017.
- Appreciated and Facilitated by SRIJAN-2017 at Rajiv Gandhi Prodhogiki Vishwavidhyalaya (RGPV) Bhopal on behalf of 100% result of IT third year students.
- Appreciated and Facilitated by SRIJAN-2016 at Rajiv Gandhi Prodhogiki Vishwavidhyalaya (RGPV) Bhopal on behalf of 100% result of IT second year students.
- Appreciated and Facilitated by SRIJAN-2014 at Rajiv Gandhi Prodhogiki Vishwavidhyalaya (RGPV) Bhopal on behalf of 100% result of IT second year students.

Publications

- Detection of Vampire Attack in Wireless Ad-hoc Network, International Journal of Software & Hardware Research in Engineering, Volume 3 - Issue 1, 2015
- An Efficient Gateway Election Algorithm for Clusters in MANET, International Journal of Computer Applications, Volume 102 - Number 3, 2014
- Runtime Customization of Swap Partition to Improve the Performance of a Number Crunching Algorithm, International Journal of Computer Applications (0975 – 8887) Volume 63– No.17, February 2013
- Extraction and Verification Mobile Message Integrity, International Conference on Communication Systems and Network Technologies (CSNT-2011) organized by SMVDU Katra (J&K) and the Conference proceedings published by IEEE CPS and papers available on IEEE Xplore, and indexed by EI Compendex, ISI Proceeding.
- Mobile Phone Forensic: Data Acquisition Approaches, National Conference on Recent Trends & Challenges in Internet Technology (RTCIT-2010) MANIT Bhopal (M.P.).

M. Tech Dissertation Guidance

- Avinash Bundela, “Secure Routing in Ad-hoc Networks”
- Bhanu Pratap, “ENERGY Aware Routing with Urgent Packet Transmission Mechanism in MANET”.
- Priyanka Pare, “A Mechanism to Select Route Repair Technique for Reactive Routing Protocol in MANET”.
- Rupali Dave, “Detection of RREQ Flooding Attack in Mobile Ad-hoc Network”
- Rahul Gupta, “Detection Mechanism of Black-hole Attack in Mobile Ad-hoc Network”.
- Sakshi Joshi, “An Efficient Gateway Election Algorithm for Clusters in MANET”.

Technical Society Membership

- As an Ex-com member of MP Subsection of Institute of Electrical, Electronics and Engineering (IEEE) society.
- As a nomination committee member for indore chapter of computer society of india (CSI).
- As a student member of ACM Indore Chapter.

Workshops/Conferences

- Organized two days 1st IEEE Symposium on Colossal Data Analysis and Networking at Medi-Caps Institute of Technology and Management Indore in 18-19 March 2016.
- Organized two days workshop on Network Simulator (NS-2) at Medi-Caps Institute of Technology and Management Indore in April 2014.
- Participate in two week ISTE workshop on introduction to research methodologies conducted by IIT Bombay under the national mission on education through ICT (MHRD, Govt. of India).
- Participate in Workshop on Digital Forensic (WSDF-2010) at MANIT Bhopal.

Education	
2015 to Present	Pursuing Ph.D. in Information Technology from Institute of Engineering & Technology, D.A.V.V. Indore (M.P.)
2008 to 2010	Master of Technology in Information Security (CSE) from Maulana Azad National Institute of Technology (MANIT) Bhopal with 8.52 CGPA .
2004 to 2007	Bachelor of Engineering in Information Technology from I.E.T DAVV Indore with 66.47 percentages .
2001 to 2004	Diploma in Information Technology from Govt Polytechnic College Ujjain (RGPV Bhopal) with 79.40 percentages .

Technical Skills
<ul style="list-style-type: none"> • Research Tool- NS-2, LATEX • Programming Languages-C, C++, Java • Database S/W- MYSQL • Research Domain- Digital Forensic, Knowledge Management and Mobile Ad-hoc Network

Academic Projects
<ul style="list-style-type: none"> • Title: "City Bus SMS Service." • Description: This Software facilitate to passenger enquiry of bus timing at anytime and anywhere. • Tool Used: J2EE(JMS), Oracle8i Database- SQL, Microsoft SQL Server 2005 • Title: "Certification for RGCSM Indore" • Description: This software provides facility for printing of computerize certificate of any course for particular Institute. Currently this software run in RGCSM Institute Indore [M.P.] Tool Used: Visual Basic, MS-Access. • Title: "Polytechnic Information System." • Description: The purpose of this project is to computerize all activities of counseling for polytechnic. Tool Used: Visual Basic, Oracle8i. • Title: "Inventory System." • Description: This Application is used in manufacturing industry to maintain inventory of firms. Tool Used: Visual Basic, Oracle8i.

Industrial Visit
<ul style="list-style-type: none"> • Attended two week training program in Bharat Sanchar Nigam Limited Dewas (M.P.)

Extra-Curricular Activities
<ul style="list-style-type: none"> • Participate in all cultural events at college level. • Participated in Quiz Competition in PRAVIDHIKTA-06. • Participated in all events at School level. • Having a School merit Certificate of 10th class

References
<ul style="list-style-type: none"> • Dr. Pratosh Bansal, Professor, Information Technology Department, Institute of Engineering and Technology DAVV Indore (M.P.) • Dr. S.K. Somani, Vice Chancellor, Medi-Caps University Indore (M.P.) • Dr. Deepak Singh Tomar, Professor, Computer Science and Engineering Department, Maulana Azad National Institute of Technology Bhopal (M.P.)

