

CURRICULUM VITAE

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Date of Birth: 28-October-1970

Qualification

- Ph.D. (Computer Science and Engineering), M.Tech & B.E. Computer Technology

Research Area

- Cyber Security & Cyber Forensics
- Data Mining
- Internet Technology
- Network Security
- Machine Learning

PhD Guided

- 10 Completed and 04 Ongoing

UG Project and PG Thesis Guided

- B Tech - 120
- M.Tech. - 56 Completed and 04 Ongoing
- MCA – 12

Publication

- International Journal – 53
- International Conference – 19
- National Conference – 18
- Book Chapter – 08

Members of Professional Bodies

- IEEE - membership number : 92244602
- International Association of Computer Science and Information Technology (IACSIT)- membership number : 80343008
- Computer Science Teachers Association (CSTA) - membership number : 4099277
- International Association of Engineers(IAENG)-membership number : 120587
- International Webmasters Association (IWA)

Countries Visited

- Australia
- Singapore
- China
- Hong Kong

Project /Consultancy Undertaken

- Investigator of Project titled "Information Security Education and Awareness (ISEA), MHRD Govt of India Project"
- Investigator of Project titled " Development of a Web based personalized Retrieval System for retrieving learning materials to support E-learning" of worth 9.73 lakhs
- Investigator of Project titled "To Assess the Impact of 'Advance Training for Professionals' Short Term Professional Course for IT/ITES sector", Sponsored by ABV-IIITM Gwalior Funded by Ministry of Communication and Information Technology, New Delhi
- Consultancy: - Software Team Leader for acceptance testing of HMS at Bhopal Memorial Hospital & Research Center (BMHRC) - Total Amount 4.93 Lac(year 2007).
- Development of IoT Device for Security Auditing of Web Applications, TEQIP Collaborative Research Scheme, National Project Implementation Unit, Govt. of India.
- Individual Consultancy to Cyber Police, BHEL Bhopal,School of Good Governance & Policy Analysis, Govt of MP,Apex Bank, Bhopal

Details of Honour and awards obtained

- Chairing a conference session in IEEE - International Conference on Software and Computing Technology 2010 at Kunming, China.
- Co-Chairing a conference session in IEEE 7th International Conference on Computer Science & Education 2012 at Melbourne, Australia.
- Student Programming Coach of ACM-ICPC Asia Region Kanpur Site Contest 2010 at IIT Kanpur.
- Keynote speaker in International Conference on Information Science organized by College of Engineering Cherthala, in collaboration with the Computer Society of India (CSI) , Kochi (July 2014)

Past Experience

- Lecturer(Gazetted Post Selected from MP PSC, 8000-13500 Vth Pay Scale) Department of Technical Education, Govt. of Madhya Pradesh, India
- Visiting Faculty
 - ABV-Indian Institute of Information Technology and Management , Gwalior
 - Indian Institute of Science Education & Research(IISER), Bhopal
 - Govt. Engineering College, Bhopal
 - IIITM, Jabalpur
- Academic Counsellor for I.G.N.O.U. (M.C.A./B.C.A./B.I.T.) – Reg. No. 00282

Administrative Work Done

- Chairman Cyber Security Centre
- Convener, MANIT Central Computing Facility
- Professor In-charge, ERP and Software Development Cell
- Professor In-charge, hackathon
- Assistant Proctor (2017 to 2019)
- Professor In-charge, Institute Web Site (www.manit.ac.in) (2007 to Aug 2017)
- PG Coordinator M.Tech CSE and M.Tech IS (2006 to 2007 & 2011 to 2016)
- DUPC Coordinator CSE(Since 2019)
- Nodal Officers (TEQIP) for : Academic Activities(Since 2014)
- Exam Coordinator (CSE & IT) June 2008
- Member of Institute Networking Committee
- Technical Advisor of MANIT Alumni Coordination Cell

- Convener of publicity committee 7th convocation 2010
- Help Centre In charge for AIEEE Counselling 2010 and 2011
- Co convener of Publicity Committee for International Conference (ICARE 2010)
- Member of Committee for enabling web services of MANIT through MP online
- Member of Committee for finalizing and standardization of configuration of Computer and Peripheral
- Member of committee for Library automation
- Media & Publishing In-charge for Techno search & Maffick
- Develop Software for relative grading System for B.Tech & M.Tech
- Member of choice locking team of AIEEE counselling 2009-2010

Program Organized

- Coordinator of Online Hackathon on Innovation in Toy Technology including Online Games (29-30 January 2021)
- Coordinator of On-line Short Term Training Program on “Cyber Security & Digital Forensics” (CSDF-2020) (23-27 November 2020)
- Coordinator of Security and Privacy in Digital Era for MANIT Women Faculty and Staff (22-23 April 2019)
- Coordinator of Workshop on Ethical Hacking and Smart Search for School Students(29 Nov 2019)
- Coordinator of workshop on “INFORMATION SECURITY & DIGITAL FORENSICS”(16-20 April 2018)
- Coordinator of workshop on Cyber Security Threats and Forensics (23-24 March 2017)
- Coordinator of workshop on Cyber Forensics: Fundamentals and Advancement (27-29 Jan 2016)
- Coordinator of workshop on Smart Grid (20-21 Jan 2015)
- Coordinator of STTP-Issues in Computer Security and Privacy (22-26 Jun 2015)
- Coordinator of workshop on Energy Management in Smart Grid through Soft Computing Techniques (13-15 Jan 2014)
- Coordinator of workshop on STTP- Network Forensics (05-06 Mar 2014)
- Coordinator of workshop on Network Enumeration and Security (20-22 Jan 2014)
- Coordinator of workshop on Development of Web based Data Repository: Case Study for MANIT Students (07-09 Oct 2013)
- Coordinator of computer Training Program for Non teaching staff (03-07 Dec 2012)
- Coordinator of computer Training Program for Non teaching staff (17-21 Dec 2012)
- Coordinator of workshop on Digital Forensics WSDF 2010 organized at MANIT ISEA Project (18-20 Feb. 2010)
- Coordinator of workshop on “Disaster Management “ (July 2010)
- Coordinator of workshop on enhancement of institute web site “ (2009)
- Coordinator of Short Term Training Program on “ Cyber Crime & Cyber Forensic “ organized at MANIT under TEQIP & ISEA Project (2007)
- Assistant Coordinator of One week workshop on “Cost Effective Design of Intranet for Directorate of Technical Education”.
- Deputy Coordinator of One week WID Training program was conducted under Indo-Canada Scheme for Industry-Institute linkage and is aided by Canada Government (12-17 Feb 2001)

Lectures Delivered- Delivered more than 70 expert lectures at various organizations like

- CBI Central Bureau of Investigation (CBI)
- IIITM,Gwalior
- MNNIT Allahabad

- NSIT, Delhi
- NIT Arunachal Pradesh
- College of Engineering Cherthala Kerala
- Goa Engineering College Goa
- MP Police Cyber Crime Cell
- Bank of India
- Jabalpur Engineering College (TEQIP Program)
- UIT, RGPV, Bhopal
- SOIT, RGPV, Bhopal
- Bank of India Training Centre, Bhopal
- BIST under CSI Chapter Bhopal
- GTU, Ahmedabad
- BHEL Bhopal,
- NSIT, Delhi
- M.P. Police Academy Bhauri,
- National Institute of Technical Teachers' Training & Research (NITTTR) Bhopal
- NIELIT, Aurangabad
- Jaypee University of Engineering & Technology, Guna
- Cyber Security Center, Gujarat Technical University
- MM College of Engineering, Pune.
- NIT Jalandhar
- College of Technology, GBPUAT Pantnagar,
- Rajiv Gandhi National Institute of Youth Development Sriperumbudur (TN)

Established New Lab – Established 3 new labs.

	Name of Laboratory	Organization	Year of Establishment of Lab
1.	Vision Lab	MANIT, Bhopal	2016-2017
2.	ISEA- Cyber Forensics Lab	MANIT, Bhopal	2015
3.	Network Security	MANIT, Bhopal	2012
4.	HPC & data centre	MANIT, Bhopal	2021

Project/Software Development

- Developed software for NIMCET 2012 Counselling
- Developed MANIT web site based on Web Content Management (Joomla 1.6)
- Developed Credit System for M.Tech & B.Tech Exam System at MANIT
- Software for Multi Point Entry & Credit System. This system is now implemented at 50 Polytechnic institutes of MP state. Done in FOX PRO. I was the team leader of the project managing a team of 7 programmers.
- Software for on line counseling of about 15000 students seeking admissions to Engineering Colleges, Polytechnic institutes, and other professional institutes of state. The counseling was carried out on a network of 8 computers running on Lantastic server. My role was that of the team leader. (1998-2003)
- Member of software development team involved in system development under Indo-Canada Scheme for Industry-Institute linkage and is aided by Canada Government. The project was targeted at developing an Intranet for all the Polytechnics and Engineering Colleges of MP state.

- Web site of M.P. Board of Technical Education on line result of various Diploma Program's (ASP, Active X, COM features are used in the Project)
- Member of WEB PAGE DESIGNING team for Directorate of Technical Education
- Developed Budget monitoring system for Directorate of technical education
- Developed Software for Pharmacy Counselling 1998.

Other Activities –

- Expert Member of Uttar Pradesh Public Service Commission(UPPSC), PRAYAGRAJ.
- Subject Expert of Madhya Pradesh Public Service Commission(MPPSC), Indore.
- Member of Personal Interview Board, National Law Institute University(NLIU), Bhopal Guest Speaker in Doordarshn Bhopal(2019)
- Interview and Talk on Internet Maturity, Prasar Bharti, All India Radio, Bhopal (Apr, 2017)
- Conducted Session to Police Officer at Rajasthan Police Academy, Jaipur (Apr, 2017)
- External expert to review the students of Master of Engineering & Ph.D at Gujarat Technological University (GTU), Ahmadabad (Mar 2017)
- Member of Board of Study, The Bhopal school of Social Sciences (BSSS) (2015-17)
- Expert member of Scrutiny committee for “Award for Excellence in e-Governance”, MAP IT, Govt of MP (2016)
- AICTE observer for CMAT and GMAT (Feb 2015)
- Member of Technical Committee, State Cyber Police, Bhopal (2012-13)
- Expert member of Syllabus and Scheme preparation committee of Atal Bihari Vajpayee Hindi Vishwavidyalaya Bhopal (2013-14)
- Act as a Judge in Annual Inter Unit Business Application and System Development Meet at BHEL, Bhopal (Dec 2013)
- Session Chair in IEEE conference at Kunming , China (Oct 2010)
- Presented Paper in 7th International Conference on Computer Science & Education (ICCSE), 2012 at Melbourne, VIC, Australia (Jun, 2012)
- Expert member of interview panel for staff recruitment in Development Commissioner Office Bhopal, MPPEB Bhopal, UIT RGPV Bhopal , SGPA Bhopal, IIITM Jabalpur and Pollution control board, Bhopal.
- Observer for AIEEE, PET, PMT , MCA ,MBA & PPT Examination.
- Organised Gyan Dhara – I, A seminar for Computer Science Students of IGNOU Regional Center, Bhopal.
- Chairing paper presentation on various Engineering Colleges in India and China
- Member of State level committee of PAC software at APEX bank, Bhopal
- Editor of proceeding of National conference on Recent Trends & Challenges in Internet Technology organized by Department of CSE & IT , MANIT Bhopal.

(Dr. Deepak Singh Tomar)