

Educational Qualification

Degree	College/University	Division
Ph.D.	Indian Institute of Technology (IITD) New Delhi	Awarded in 2003
M.Tech. (Digital Comm.)	MANIT (formerly MACT) / Barkatullah University, Bhopal	FIRST
B.E. (EL. & Tele.)	Govt. Engineering Collage Jabalpur / R.D.V.V. Jabalpur	FIRST with Honors

Academic and Research Activity

1	Ph.D. Supervised Awarded =14, Ongoing = 04
2	Post Graduate Dissertation guided. Total 61 out of which 22 after professorship
3	Under Graduate Project Total 35 out of which 17 after professorship
4	Book/Book chapters published 1. Book on “VLSI Technology and Design”, Techmax, Publication PUNE (Maharashtra) 2016 2. Book Chapter Analysis of the muscular activity pattern of recurring physical action, IOP Publishing, Bristol, UK, 2020 3. Book Chapter, Leakage Current and Capacitance Reduction in CMOS Technology, IG Global series CRC Press, 2022 4. Book Chapter, Ambulatory monitoring technique for smart healthcare systems, IOP Publishing Ltd, 2023
5	Conference paper Total 100 (IEEE and other National / International renowned conference)
6	Conference/Seminar organized 1. National Conference on Emerging Technologies for Intelligent Electronic System Design, sponsored by IETE Sub Centre Indore and organized by Department of Electronics & Communication Engineering, September 18-19 2021 2. Diamond Jubilee National Conference on Electronics Engineering Under Twinning Program with BTKIT Dwarahat Uttarakhand, October 3-4, 2019 3. National Seminar on Recent trend in Mobile Communication’ Sep 5 and 6, 2003

7	Workshop or Faculty Development Program or short term courses organized 1. Modeling and Simulation for Signal Processing & Control Systems (MSSPCS-2014),STC- Self financed June 16 - 20, 2014 2. Modeling and Implementation of Analog and Digital Systems using EDA tools (MIADS-EDA) STC- Self financed, Dec.26 - 30, 2016 3. Applications of MATLAB & SIMULINK in Engineering and Science STC- Self financed May 01-05, 2017,Internet of Things IOT, STC- Electronics & ICT Academy, IIITDM Jabalpur, Dep. of Electronics & IT Ministry of Communications and IT, Govt. of India. June ,18-22 2018 4. DSP and Sensor's STC- Electronics & ICT Academy, IIITDM Jabalpur, Dep. of Electronics & IT Ministry of Communications and IT, Govt. of India. Dec 10-14, 2018 5. Robotics and Artificial Intelligence (AI), STC-Electronics & ICT Academy, IIITDM Jabalpur, Dep. of Electronics & IT Ministry of Communications and IT, Govt. of India. June 24-28 , 2019 6. Antenna Trends STC- Electronics & ICT Academy, IIITDM Jabalpur, Dep. of Electronics & IT Ministry of communications and IT, Govt. of India.July 01-05July 2019. 7. ICT tool & Technique for teaching, learning process and institute, Electronics & ICT Academy, IIITDM Jabalpur, Dep. of Electronics & IT Ministry of Communications and IT, Govt. of India. January 13-17, 2020 8. Antenna Design Testing and Electromagnetic Analysis (ADTEA-2019), ATAL, AICTE Training& Learning, Dec02-06, 2019
8	Award /honors 1. Best Paper Award in International Conference held at London (UK), 2013, Planetary Scientific Research Centre, www.psrcentre.org, 2. Indira Gandhi Shiromani Award & Certificate Of Excellance, 2011, IIFS Society NewDelhi, Private/Non Profit Societies, 3. SikshhaRatan Award, 2012, IIFS Society NewDelhi, Private/Non Profit Societies 4. Best citizen Award, 2012, Best Citizen Publishing House, New Delhi 5. Indira Gandhi Excellance Award, 2013, IIFS Society NewDelhi, Private/Non Profit Societies
9	Member of professional body Life Member ISTE(LM132343), Life Member IETE(M113869), Member IEEE(2021), Member IAENG . Member IEEE engineering in Medicine & Biology society , International Associations for Engineering and Management Education., Member The Society of Digital Information and Wireless Communications (SDIWC)

10	Editors 1. Editor in Chief, international journal of computer technology and electronics engineering (IJCTEE) is approved under the flagship of National Science Library, National Institute of Science Communication And Information Resources (NISCAIR), Council of Scientific and Industrial Research, New Delhi, India 2. International journal of engineering (ije)- reviewer board member ISSN (Online 1985-2312)
11	Administrative Assignment Head of the Department (Two Years Nov.2013-Nov 2015) Institutional activities:- Committee for space allocation member, Departmental Coordinator for academic audit, Investigation Officer for Departmental Enquiry of (03 no.), Monitoring of UG and PG classes, Anti Ragging Duty Departmental activities:- DRPC Coordinator, Accreditation Coordinator, Chairman: committee for obsolete equipment, Member Department Research Progress Committee, Coordinator, Department Space Management committee, Coordinator PG Accreditation committee, Member, Department Research Progress Committee, Coordinator, Academic Audit Committee, TEQIP (Coordinator)
12	Significant outreach/ Institute outside activities. 1. Member, Board of Studies (BOS), Electronics Department Govt. Eng. Collage Ujjain 2. Member, Board of Studies (BOS), EL & Tele Department Govt. Eng. Collage Jabalpur 3. Member, Board of Studies (BOS), Electronics Department University Institute of Technology Barkatullah University(BU) Bhopal 4. Member, Board of Studies (BOS), Electronics Department University Institute of Technology, Rajiv Gandhi Prodyogiki Vishwavidhlaya (RGPV) Bhopal 5. Member, Board of Studies (BOS), Institute of Engineering and Technology (IET) Indore 6. Member, Vision committee & Expert Advisor, SARGUJA University Ambikapur (CG) 7. Expert member, for written exam of Technical faculty for, Public Service commission (PSC) Bihar, India 8. Expert member, for written exam Madhya Pradesh Public Service Commission (MPPSC) Indore MP (India) 9. Member, Selection committee for lecture for polytechnic college in MP, DTE Bhopal 10. Directorate of Technical Education (DTE) –Bhopal (MP)-402004 11. Selection committee member at NIT Kurukshetra, GSITS Indore, Mizoram University Mizoram. India 12. Member, National Working Group (NWG-15) Dept. of Tele. TEC New Delhi 110001 13. Member working group, Dept. of Telecommunication (TEC) New Delhi 110001

Other Administrative responsibilities carried out

- Warden – 1996-1998
- Assistant Proctor
- Organized a seminar on 'Recent trend in Mobile Communication' Sep 5 and 6, 2003
- Acted as Member of selection committee for recruiting staff and lecturer in BHOJ OPEN University MP
- Acted as Member of selection committee for recruiting staff in IGNOU Bhopal center

- Acted as Judge for various technical contest/paper presentation session for student level activity in engineering college of Bhopal.
- Member Admission committee 1996, 2002
- Assistant Exam superintendent for MPMJET-97
- Assistant Exam superintendent for PEB examination for Asst. Statistics Officer.2003.
- Assistant Exam superintendent for registration clerk/ steno, typist examination 2003.
- Professor I/c for basket-ball sport 1995-1996
- Professor I/c for Volley-ball sport 1995-1996
- Professor I/c for basket ball sport 1995-1996
- Professor I/c for Public Address (PA-system) System
- Professor I/c for Telephones
- Department Coordinator TEQIP Project 2003-2005 (EI & Comn.)
- DPRC coordinator for PhD activities in Depts. EI and Com.
- Co-Chaired a technical session in International conference on advances in Renewable energy, (ICARE-2010) at Mech .Eng. Dept. MANIT, Bhopal , INDIA-2010
- Co-Chaired a technical session in International conference on Electrical Power and Energy Systems, (ICEPES 2010) at Electrical Engineering Dept. MANIT, Bhopal , INDIA-2010