



Dr Sachin Sharma

PROFESSOR

DEPARTMENT OF ECE

PROFILE

- Dedicated, resourceful and innovative **Educationist** with rich academic and administrative experience of **over 17 years** from the grassroots, right up to the highest echelons of the Educational hierarchy. Accomplished **trainer and a mentor** with sound track record of creative scholastic achievements.
- **Teach courses pertaining to the application of physical laws and principles of engineering for the development of machines, materials, instruments, processes, and services.**
- Extensive exposure in facilitating **social and intellectual growth of students** by creating an atmosphere of **mutual respect and students. Connect with young minds and nurturing as well as fostering their development** to their utmost potential.
- **Design course curriculum** and implement **innovative instruction methodologies** to match international standards.

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CONTACT & LINKS

EDUCATIONAL QUALIFICATIONS

Post Doctoral Fellowship 2016

(Fiji National University)

Ph.D 2014

(Shridhar University, Pilani)

M.Tech. 2006

Uttar Pradesh Technical University(UPTU)

B.E.(Electronics Engg) 2000

Nagpur University, Nagpur

Intermediate (HSC) (83 %)

Maharashtra Board, Nagpur

PROFESSIONAL EXPERIENCE

Teaching Experience: 20 years

Industry Experience:

Total: 20 years

INSTITUTION/DEPARTMENT RESPONSIBILITIES

- Institution NBA Head Coordinator
- Event Organiser for College and Department Level
- Facilitator for various events and activities

RESEARCH AREA/SPECIALISATION/ RESEARCH GRANTS/ PROJECTS IF ANY

Wireless Sensors Networking (WSN)
Routing Protocols in WSN
Optical Communication

ACHIEVEMENTS/ACCOMPLISHMENTS/AWARDS/RECOGNITION/GUEST LECTURES DELIVERED

- Four Papers in **Scopus indexed Journal**
- **Best Paper Presentation Award in** (ICWCSN 2016) in Zurich Switzerland during July 21-22, 2016.
- **Convener of International Conference ICRTAE2013 held on 11- 12 April 2013 at Vidya College of Engineering**
- Develop R& D lab at the Department and act as an In charge of the Communication Lab.
- Collaborate with colleagues to address teaching and research issues. Participate in campus and community events.
- Compile, administer, and grade examinations, or assign this work to others.
- Evaluate and grade students' class work, laboratory work, assignments, and papers.
- Plan, evaluate, and revise curriculum, course content, and course materials and methods of instruction.
- Prepare course materials such as syllabi, homework assignments, and handouts.
- Maintain regularly scheduled office hours to advise and assist students. Advise students on academic and vocational curricula and on career issues. Select and obtain materials and supplies such as textbooks and laboratory equipment.
- Participate in student recruitment, registration, and placement activities.
- Serve on academic or administrative committees that deal with institutional policies, departmental matters, and academic issues. Supervise students' laboratory work.
- Supervise undergraduate or graduate teaching, internship, and research work.

PUBLICATIONS/PATENTS/BOOKS

Books Published

- Power Electronics
- Wireless & Cellular Communication
- Electronics Devices & Circuits
- Principle of Communication

ASSOCIATION WITH PROFESSIONAL BODIES

- Life-time Member of ISTE
- LM IAENG

PROFESSIONAL COURSES COMPLETED

Undergoing Modules conducted by AICTE NITTT