

Dr. M. S. Korde

Dr. M. S. KORDE

M. Sc., Ph. D. (Physics), F.I.E.T.E.
Honorary Faculty Member,
Department of Electronics and Computer Science,
RTM Nagpur University Campus,
Nagpur-440 033
Email: mskorde37@yahoo.com
Mobile: 9921822668



Date of Birth : 14th April 1937

Address: 106, Gulmohor Flats,
Tilak Nagar, Nagpur – 440 010

Research Work: The Ionospheric studies with special reference to
Total Electron Content
Obtained Ph.D. degree from Nagpur University in 1982

Academic Positions Held

- Lecturer in Physics, M. M. College of Science, Nagpur (June 1962 – June 1963)
- Assistant Lecturer in Physics, Institute of Science, Nagpur (1963)
- Lecturer in Physics, Institute of Science, Nagpur (1964-1987)
- Reader in Physics, Institute of Science, Nagpur (1988-1997).
- Honorary faculty member, Department of Electronics, RTM Nagpur University, Nagpur (1997 till date)

Memberships

- Fellow, Institution of Electronics and Telecommunication Engineers (1992)
- Member, Indian Physics Association
- Life Member, Marathi Vigyan Parishad
- Life Member, Indian Association of Physics Teachers
- Life Member, Instrument Society of India

Research Publications

- Published 10 research papers in national journals and presented more than 30 papers at National and International Seminars

Research Areas of Interest

- Magnetic Storms
- Scintillations
- Inter-planetary magnetic field

Guided M. Sc. Projects in the following areas

- Digital filters
- Digital Image Processing
- Artificial Neural networks
- Fuzzy logic applications
- Genetic algorithm for circuit optimization
- Spread-spectrum techniques
- Design of synchronous and asynchronous circuits
- Wavelet transforms for image compression
- Cryptographic techniques for network security
- Channel coding techniques