

Curriculum Vitae

Dr. Ravi Ranjan

Assistant Professor
Department of Physics
C.M. Science College, Darbhanga

Email: ravi301ind@gmail.com
Contact: 9599353225 / 9211303376
Nationality: Indian

Personal Details

Current Address:
C/o S.N. Mishra
Aditya Sadan, Mishra Tola
Near Naga Mandir, Darbhanga (Bihar)
Pin: 846004

Permanent Address:
S/o Dr. (Prof.) K.B. Singh
Arya Complex, Near Study Point
Salempur, PO: Chapra, Dist: Saran (Bihar)
Pin: 841301

Education

Ph.D. in Physics (2020)
Supervisor: Dr. Gyandeo Prasad Tiwary
Title: Theoretical Study of the Mode Propagation and Attenuation in
Nanometric Coaxial Waveguide in Real Metal

M.Sc. Physics (2010)
Rajendra College, Chapra, Bihar

B.Sc. Physics (2008)
Rajendra College, Chapra, Bihar

Teaching Experience

Assistant Professor (14 July 2022 – Present)

Department of Physics

C.M. Science College, Darbhanga

Total Experience: 3 Years 10 Months

Research Publications

1. Dependence of Quantum Yield for Periodic Array of Doped Semiconductor Nanocrystals; Prem Shankar Kumar, Ravi Ranjan, Arvind Kumar, BPAS, Vol. 39D, Issue.2, (2020), P.207-212
2. Magneto and Magneto-Optical Characteristics of Semiconductor Nano Material with Non-Symmetrical Geometry; Tejendra Kumar, Arvind Kumar, Ravi Ranjan, BPAS, Vol. 39D, Issue.2, (2020), P.224-229
3. Excitation Transfer Between Distant Quantum Dots in Photonic Crystal Waveguide; Manish Raj, Ravi Ranjan, BPAS, Vol. 39D, Issue.2, (2020), P.202-206
4. Transmission Through Surface Disordered Waveguides and Noise Influence on Coherent Scattering; Upendra Kumar, Ravi Ranjan, BPAS, Vol. 38D, Issue. 2, (2019), P.60-64
5. Propagation of Acoustic Waves in a Photonic Crystal Plate Waveguides; Ravi Ranjan, JETIR January 2018, Volume 5, Issue 1 (2018), P.1262-1265
6. Formation of Band Gaps in a Thin Plate with a Periodic Stubbed Surfac; Ravi Ranjan, IJRAR Vol. Issue 4 (2017), P. 539-541

Awards

National Eminent Young Researcher – 2019 (Rashtriya All India Social Development and Charitable Organization)