



Name	Sri. Sumanta Kumar Sahu
Designation	Lecturer in Physics
Date of Joining	27-12-2019
Qualification	MSc

Contact: physics.suma@gmail.com

[Click here to download the CV](#)

Subject of Interest

- Condensed Matter Physics, Non-linear Dynamics, Solar Cells
- Teaching website: <https://sites.google.com/view/rac-physics>

Courses Teaching/Taught

- UG level Solid State Physics, Analog Systems and Applications, Electricity and Magnetism
- PG level Condensed Matter and Materials Physics, Basic Solid State Physics, Quantum Mechanics

Education

- 2016 – 2018 Jawaharlal Nehru University, New Delhi, India
Master of Science in Physics, specializing in Experimental Condensed Matter Physics
Thesis: Magneto-transport properties of Weyl semimetal Tungsten Ditelluride WTe_2
Supervisor: Prof. Satyabrata Patnaik
FGPA: 7.18/9.00, equivalent to 76.8%
- 2013 – 2016 Govt. College Autonomous, now Kalahandi University, Bhawanipatna, Odisha
Bachelor of Science (with Honours), Physics with Mathematics
Percentage: 82.4%, Distinction

National Level Examinations

Jun 2017 Joint CSIR-UGC Exam, NET with JRF, Rank: 210
Dec 2017 Joint CSIR-UGC Exam, NET, Rank: 128
2018 GATE Physics Exam, Score: 524, Rank: 615
2019 GATE Physics Exam, Score: 490, Rank: 746

Technical Skills

- Languages Python, FORTRAN (basic knowledge), LATEX
- OS Linux (Ubuntu), Windows
- Softwares Libre Office, MS Office, Origin, Jupyter Lab and Others
- Typing English typing 50+ words per minute (W.P.M.)

Webinar Organised

- Webinar entitled Mysteries in Quantum World
08th Jan 2021, <https://bit.ly/2Lr1Xan>
Role: Coordinator, Technical Person
- An international webinar on Nuclear Energy: Prospects and Challenges jointly with the Department of Chemistry, Rayagada Autonomous College.
24th Oct 2020, <https://bit.ly/2N0EPjL>
Role: Organising Secretary , Technical Person

Additional Information

- Ranked 1 in JNU all India Entrance Examination (JNUEE), 2016 in Physics
- Hands on experience in operating X-Ray Diffractometer (Rigaku SmartLab)