

SUMIT GANGWAR
Assistant Professor(Physics)
N.A.S. (P.G.) Degree College, Meerut

Mobile No. - 8433175433
Date of Birth- 08/07/1993
sumitgangwar111@gmail.com

Eductional Qualification

Examination	Institute	University	Year	specialization	CPI / %
M.Sc.	IIT Bombay	IIT Bombay	2017	Physics	7.97/10
Undergraduate	Bareilly colllege	MJPRU	2014	Physics,Maths Chemistry	74.66%
Intermediate	Vishnu inter college	UP Board	2011	Physics,Maths Chemistry	83.60%
Matriculation	JNSVMIC	UP Board	2007	Science,Maths	72 %

National Level Scholastic Achievements

- **NET (JRF)** in Physics.
- **GATE** in Physics.
- **IIT JAM** (Physics).
- **BHU , DU, CUCET , VNIT** Entrance exam for Post Graduation.
- **AIEEE**
- **Previous Teaching Experience : PGT-PHYSICS** in UP Government.

Experimental Skills

Microscopy Techniques: SEM (Thermionic), AFM.

Vacuum Systems: As required for thin film processes and hot pressing (rotary and diffusion pumps along with pirani and penning gauges)

Thin Film Deposition: DC and RF sputtering, e-beam evaporation, thermal evaporation.

Characterization: UV visible spectroscopy, Photoluminescence.

Notable Courses

1.Advanced Laboratory Techniques in NanoScience	2.Thin Film Laboratory
3.Applied Solid State Physics	4.Semiconductor Physics
5.Advanced Simulation Techniques in Physics	6.X-Ray Diffraction and Electron Microscopy
7.Nanomaterials , Nanostructures and Nanofabrication	8. Introduction to Nanoscience and Nanotechnology
9. Light Matter Interaction	10.Methods in Analytical Techniques