




Shivaji College Faculty Details Proforma

Title	Mr.	First Name	SAURABH	Last Name	KUNJ	Photograph
Designation		Assistant Professor				 SAURABH KUNJ
Address		Department of Physics, Shivaji College, University of Delhi				
Office Phone No.						
Residence		198, Triveni Appartments, Jhilmil, Vivek Vihar, Delhi-95				
Mobile		09999296838				
Email		Saurabhkunj22@gmail.com				
Web-Page						
Educational Qualifications						
Degree		University/Institute			Year	
Ph.D.		Submitted thesis on 25/04/2018			2018	
M.Phil./M.Tech.		NOT APPLICABLE			----	
PG		M.Sc. PHYSICS, Hindu College, University of Delhi			2011	
UG		B.Sc. (H) PHYSICS, Hindu College, University of Delhi			2007	
Any Other Qualification		NOT APPLICABLE			----	
Career Profile						
<p>Working as an Assistant Professor in Shivaji College, University of Delhi since 04/01/2017.</p>						

Administrative Assignments

Areas of Interest/Specialisation

RF magnetron sputtering, Dilute magnetic semiconductors (DMS), and Sol-gel autocombustion synthesis technique.

Subjects Taught

Electricity and Magnetism, Mechanics.

Innovation Project/Research Projects (Major Grants/Research Collaboration)

Publications Profile (Research Papers/Books)

1. Saurabh Kunj and K. Sreenivas,
“Residual stress and defect content in magnetron sputtered ZnO films grown on unheated glass substrates”,
Current Applied Physics, 16 (2016) 748-756.
[Impact Factor (at the time of publication)=2.14]
2. Saurabh Kunj and K. Sreenivas,
“Defect mediated ferromagnetism in cluster free $Zn_{1-x}Ni_xO$ nanopowders prepared by combustion method”,
Journal of Industrial and Engineering Chemistry, 60 (2018) 151-159.
[Impact Factor (at the time of publication)=4.42]

Research articles published in National/International conference proceedings

1. Saurabh Kunj and K. Sreenivas,
“Near band edge emission characteristics of sputtered nano-crystalline ZnO films”,
AIP Conference Proceedings, 1728 (2016) 020520.
2. Saurabh Kunj and K. Sreenivas,
“Defect free *c*-axis oriented ZnO films grown at room temperature using RF magnetron sputtering”,
AIP Conference Proceedings, 1731 (2016) 080048.
3. Saurabh Kunj and K. Sreenivas,
“Residual stress in sputtered ZnO films grown on unheated substrates”, **Advanced Science Letters**, 22 (2016) 3951-3953.

Conference/Seminar/Faculty Development Programme/Workshop

List of participation in National/International conferences

1. Presented oral presentation in “*Third national seminar on recent trends in condensed matter physics including laser applications*”, (March 05-07, 2013) organised by the Department of Physics, The University of Burdwan, Bardhaman, West Bengal, India.
2. Presented and secured **II position** in poster presentation in “*Ist Indo-UK conference on recent advances on chemical sensors*”, (Feb. 10-11, 2014) organised by the Department of Physics, Gargi College, University of Delhi, Delhi, India.
3. Published a research article in “*International conference on condensed matter & applied physics, (ICC-2015)*”, (Oct. 30-31, 2015) held at Veterinary University Auditorium, Bikaner, Rajasthan, India.
4. Presented oral presentation in “*8th National conference on Thermophysical properties (NCTP-2015)*”, (Dec. 14-16, 2015) organised by the Department of Physics, Malaviya National Institute of Technology (MNIT), Jaipur, Rajasthan, India.
5. Presented and awarded “**Best Poster Award**” in poster presentation in “*60th DAE Solid State Physics Symposium*”, (Dec. 21-25, 2015) held at Amity University, Noida, Uttar Pradesh, India.

List of participation in workshops

1. Participated in “*Advanced workshop on broad band dielectric spectroscopy*”, (Jan. 17-18, 2014) jointly organised by the Novacontrol Technologies and University of Delhi, Delhi,

India.

2. Attended workshop on “*Physical Properties Measurements System (PPMS) and its applications*”, (Sep. 26, 2016) organised by Advanced Instrumentation Research facility (AIRF), Jawaharlal Nehru University (JNU), New Delhi, India.

Research Guidance (Supervision of Doctoral Thesis/Dissertations)

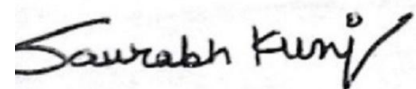
Awards and Distinctions

1. Awarded “*Certificate of Outstanding Contribution in Reviewing*” (October 2017) by the Editors of **Ceramics International**, Elsevier, Amsterdam, The Netherlands.
2. Awarded “*Certificate of Outstanding Contribution in Reviewing*” (January 2018) by the Editors of **Optics and Laser Technology**, Elsevier, Amsterdam, The Netherlands.

Memberships

Other Academic Activities

Cultural/Extracurricular Activities



Signature of Faculty Member