

BIO-DATA, AWARDS AND ACHIEVEMENTS



1. Name and full correspondence address, Email and contact number:

Name: Uday Bhan Singh, **Designation:** Assistant Professor
Citizenship: Indian, **Category:** General (UR), **Religion/Caste:** Hindu (Kshatriya)
Father's Name- Mr. Anugrah Singh, **Birthdate:** July 01, 1984, **Place of Birth-** Gorakhpur (U. P.)
Email id: udaibhansingh123@gmail.com, **Phone:** +91-8586867589 (Mobile).
Full correspondence address: Department of Physics, D.D.U. Gorakhpur University, Gorakhpur, 273009

2. Academic Qualification (Undergraduate Onwards):

S. No.	Degree	Year	Subject	University/Institution	% of marks
1.	B. Sc.	2005	Physics, Chemistry, Maths	University of Allahabad, Allahabad	62.1
2.	M. Sc.	2007	Physics	University of Allahabad, Allahabad	67.4
3.	Ph. D.	2014	Physics	Jawaharlal Nehru University (IUAC), New Delhi	--
4.	NET+JRF	2008	Physical Science	CSIR-HRDG	

3. Ph. D.

Thesis title: Synthesis of noble metal nanostructures by ion beam irradiation, **Advisor:** Prof. D. K. Avasthi (Dean, R&D, UPES, Dehradun, UK [Presently], **Ex Scientist H**, IUAC, New Delhi), **University:** Jawaharlal Nehru University (IUAC), New Delhi, **Year of Award:** 26th February, 2014

4. Teaching Experience:

S. No.	Positions held	Institute	From	To	Duration	Pay Scale
1.	Assistant Professor	Department of Physics, D.D.U. Gorakhpur University, Gorakhpur	02/07/2018	Till Now	More than 5 years	66,800 (Basic)

Teaching in UG, PG, Pre-PhD course work

Ph.D. supervised- Three students enrolled as Supervisor & One Enrolled in IIT-Delhi as Co-supervisor.

5. Research Experience (in reverse chronological order):

S. No.	Positions held	Institute	From	To	Duration	Pay Scale
1.	National Postdoctoral	IIT Delhi	26/07/2016	01/07/2018	2 Years	55,000 (consolidated)
2.	Research Associate	IIT Delhi	25/04/2016	25/07/2016	3 Months	36,000+HRA
3.	Research Associate	IUAC, New Delhi	25/04/2014	24/04/2016	2 Years	36,000+HRA
4.	Project Assistant	IUAC, New Delhi	01/01/2014	24/04/2014	4 Months	18,000 (consolidated)

6. Professional Recognition/ Award/ Prize/ Certificate, Fellowship received by the applicant:

S. No	Name of Award	Awarding Agency	Year
1.	JRF [cum SRF] Fellowship	CSIR-HRDG	June, 2008
2.	NPDF Fellowship	SERB-DST	April, 2014
3.	Nobel Laureates Meeting (Physics) in Lindau at Germany	DST	June-July, 2016
4.	UGC-Dr. D.S. Kothari Post-Doctoral Fellow	UGC	August 2018
5.	Best teachers' Award	DDUGU	2021 & 2022
6.	Member of Board of Studies	Department of Physics, DDUGU	July 2022- Till Now
7.	Program Officer in National Service Scheme (NSS)	Kabir Unit, DDUGU	July 2019- July 2022
8.	Assistant DSW	DDUGU	2019-2020

7. Scientific Details (Publications, conferences etc.):

Number of Published Publications: 44 (7 JAP, 4 ASS, 2 Nanotechnology, 1 APL, 1 EPL, 1 JPS, 1 JAPD, & 1 JPCC etc)

+ 2 AIP Proceeding, **Total citations:** 677, **h index:** 18, **i10-index:** 23

Number of conferences: 20, **International Oral talks:** more than 10 out of these 1 in Greece and 1 in Japan.

Poster Presentation: More than 10, **Experiments in aboard performed:** One in Elettra, Italy

8. Project: Four Projects as (total ~ ₹ 50 Lacs,)

1- SERB-NPDF Project – ₹ 19.20 Lacs, **Time Period-** 2016 -2018 [Completed]

2- UGC Star Up Project – ₹ 10 Lacs, **Time Period-** 2019 -2022 [Completed]

3- IUAC-UFR Project - 2021 for JRF Fellowship + Contingency, **Time Period-** 2021 -2024 [In Progress]

4- SERB-SURE Project- ₹ 25.1 Lacs, **Time Period-** 2023 -2025 [In Progress]

9. Referees: Nanotechnology, Applied Physics Letters, Journal of Applied Physics, Journal of Physics D Applied Physics and some journals of Elsevier and Springer, IOP, Chapter of Book,

10. Associate Editor - Prabha Materials Science Letters, ISSN: 2583-5114