

Dr. Nitika Grover is an Assistant Professor in the Department of Chemistry at BITS Pilani, Pilani Campus. She earned her Ph.D. in Porphyrin Chemistry from IIT Roorkee in 2017 and carried out postdoctoral research at Trinity College Dublin, Ireland. Her research focuses on porphyrin-based functional materials with applications in photophysics, electrochemistry, and energy conversion. Her research interests include dye-sensitized solar cells, organic photovoltaics, molecular sensors, and functional porphyrinoids. She has published over 30 research articles and a book chapter, with more than 450 citations (h-index 12). Dr. Grover is a recipient of several prestigious fellowships and awards, including the Sakura Science Fellowship (2025), SSHN Fellowship (France, 2025), Young Scientist Award by CRSI (2024), and DST INSPIRE Faculty Fellowship (2022).

BIO-DATA

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- Gender (M/F/T):** F
- Academic Qualifications (Undergraduate Onwards)**

S.No	Degree	Year	Subject	University/Institution	% of marks
1	B.Sc.	2010	Chemistry(Hons.)	University of Rajasthan, Jaipur	73.39
2	M.Sc.	2012	Chemistry	University of Rajasthan, Jaipur	83
3	Ph.D.	2017	Chemistry	IIT Roorkee	N/A

- Ph.D. thesis title, Guide's Name, Institute/Organization/University, Year of Award.**
Ph.D. from Indian Institute of Technology Roorkee (IITR) under the supervision of Prof. Muniappan Sankar in 'Porphyrin Chemistry'. Thesis Title: β -Substituted 'Push-Pull' Porphyrinoids: Synthesis, Photophysical and Electrochemical Redox Properties. Year of Award: 2017

- Work experience (in chronological order)**

S. No	Positions held	Name of the Institute	From	To
1	Assistant Professor Gr-I	BITS Pilani, Pilani Campus	13.04.2023	To date
2	INSPIRE Faculty	IIT Delhi	22.08.2022	10.04.2023
3	Assistant Professor Gr-I	VIT Vellore Campus	06.06.2022	31.07.2022
4	Postdoc fellow	Trinity College Dublin, Ireland	08.01.2018	31.05.2022

- Total No of Citations: 450
- Total No of Publications: 34 (33 journal articles and 1 book chapter)
- H-index= 12 ; i-10 index = 1

10. Awards & Fellowships

- 2025 Sakura Science Fellowship, JST, Japan
- 2025 Séjour Scientifique de Haut Niveau (SSHN), France
- 2024 Young Scientist Award, CRSI
- 2022 DST INSPIRE Faculty Fellowship
- 2021 HEA Research Grant, Ireland
- 2022 Associate Member, Royal Society of Chemistry