Faculty Details Proforma For College Web-site

Title	Dr	First Name	Manoj	Last Name	Giri	Photograph
Designation		**Assistant Professor**				
Address		**Daulat Ram College, 4 Patel Marg , Delhi-110 007**				
Email - ID		**manojgiri@dr.du.ac.in**				
Web Page		www.dr.du.ac.in				

Educational Qualification

Degree	Institution	Year
Ph.D. (Physics)	Kurukshetra University, Kurukshetra	2005
M.Sc. (Physics)	Chaudhary Charan Singh University, Meerut (Campus)	1998 **(Ist Position)**
B.Sc.	Chaudhary Charan Singh University, Meerut	1996

Career Profile

1. Assistant Professor: Daulat Ram College (University of Delhi), 04-10-2022 to date on a permanent basis.
2. Assistant Professor: Sri Venkateswara College (University of Delhi), 19-01-2017 to 03-10-2022 on an Ad-hoc basis.
3. Assistant Professor: H.C.T.M. Kaithal (Kurukshetra University), 02-06-2005 to 18-01-2017 on regular basis.

Administrative Assignments

Member of IQAC (2017-2022), Member of Admission Committee (2017-2021), Member of NAAC Committee (2018-2021), Member of Result Analysis Committee (2017-2022) at Sri Venkateswara College **and** Member of Admission Committee (2023), Member of Result Analysis (Departmental-2023), Member of Hostel Committee (2022-23), Member of Gandhi Study Circle (2023-2025) and Member of Discipline Committee (2023-2025) at Daulat Ram College.

Areas of Interest / Specialization

Spectroscopy, Material Sciences

Subjects Taught

Elements of Modern Physics (H), Nuclear and Particle Physics (H), Waves and Optics (GE), Mechanics, Electricity & Magnetism (GE, Honors), Light and Matter (H), Biophysics (Biological Sciences- H), Programming with Python (SEC), Digital Empowerment (VAC) and Engineering Physics.

Research Guidance

1. **Guided three M.Phil. students (**2008/ 2006UCDLM-Phy 8191, 2008/ 2006UCDLM-Phy 8333 and 2008 /2006UCDLM-Phy 8235.
2. Guided 10 students in the summer internship project program during 2019-2020 and 2021-2022 at Sri Venkateswara College under the SRI-VIPRA Scheme.

Publications Profile (2021-2024)

1. Neena Jaggi, Svivangi Joshi, **Priyanshi Sharma, Kanchan Dagar & Manon Giri**, An Analysis of the Electronic Absorption Spectrum of Disperse Orange 3—An Azo Dye. *J. Electron. Mater.* **53** (**12**) 7509–7514 **(2024**), *SCI & Thomson Reuters Journal**, Springer, IF: 2.2*** https://doi.org/10.1007/s11664-024-11440-y.

2. Yukti Gupta, Mayank Mittal, **Manoj Giri** & Neena Jaggi, Structural, Optical, and Electrical Properties of FMWCNTs/CuS Nanocomposites, *J. Electron. Mater.* **53 (9)** 5184–5192 **(2024),** *SCI & Thomson Reuters Journal**, Springer, IF: 2.2*** https://doi.org/10.1007/s11664-024-11212-8.

3. Babita Bisht, Sanjay Pant and **Manoj Giri**, Static and dynamic fluorescence spectroscopic analyses of direct yellow 27 -an azo dye, *Indian Journal of Physics*, **(2022**) *SCI & Thomson Reuters Journal**, Springer,*** **IF: 2.0**, https://doi.org/10.1007/s12648-021-02040-1.

4. Babita Bisht, Sanjay Pant and **Manoj Giri**, Fluorescence Spectral Properties of Methyl Orange in Homogeneous Media, *J Fluorescence* 31, 1787–1795, **(2021***) SCI & Thomson Reuters Journal**, Springer,*** **IF: 2.6**, https://doi.org/10.1007/s10895-021-02820-2.

Total Publications: 29

Conference Organization / Presentation (in the last three years)

1. Spectral studies of direct yellow 8 in methanol using UV-visible spectroscopy, 11th National Conference on Nanoscience and Instrumentation Technology (NCNIT-2024) Kurukshetra, November 08-09 **(2024**).

2. Degradation of acid yellow 17-an azo dye by silver nanoparticles utilizing UV-visible spectroscopy, Yukti, Neena Jaggi & Manoj Giri, 28th International Conference on Nuclear Tracks and Radiation Measurements (28th ICNTRM-2023), Guru Gobind Singh Indraprastha University (Govt. of NCT of Delhi), New Delhi, India, November, 6-10 **(2023)** page-192, ISBN: 978-93-94124-89-9.

3. An analysis of electronic absorption spectrum of methyl red - an azo dye, Sejal Chandna, Kamalpreet Kaur, Anushka Pahuja & Manoj Giri, International Conference on "Recent Advances in Functional Materials (RAFM-2022), 14 - 16th March (**2022)** at ARSD (University of Delhi) PP-01.

4. Spectral analysis of methyl orange and its interaction with protein by UV-visible spectroscopy, Jassika Gupta, Sejal Chandna, Akash Verma, Priyansh Agarwal & Manoj Giri, International Conference on "Recent Advances in Functional Materials (RAFM 2022), 14 - 16th March (**2022)** at ARSD (University of Delhi) PP-73.

Refreshers Course: 03, One-month Induction Programme (Faculty Induction Programme): 01, PDF: 05

Research Projects (Major Grants/Research Collaboration)

1. SRI-VIPRA SCHEME Internship Project in the year 2019-20 at Sri Venkateswara College

Awards and Distinctions

1. **Ist Position (Gold Medal) in M.Sc. (Physics)**

2. **Sir Ibrahim Scholarship Award by University of Mumbai to research Azo-Dyes.**
3. **Reviewer of the Journal of Fluorescence (Springer) and Indian Journal of Chemical Technology (NISCAIR).**

Association with Professional Bodies

1. Life Member of Haryana Vigyan Bharti.
2. Life Member of ISTE.
3. Ex-executive Committee Member of Haryana Vigyan Bharti

Other Activities

Convenor and member of Syllabus Designing:

1. Convener of Biological Sciences (H) Paper: Physics for Biologist (2022).
2. Member of Biological Sciences (H) Paper: Instrumentation Techniques in Biological Sciences (2022).