



Shivaji College Faculty Details Proforma

Title	First Name	Last Name	Photograph
Ms.	Tamanna		
Designation	Assistant Professor		
Address			
Office Phone No.			
Residence			
Mobile	93505588151		
Email	Tamannahooda20@gmail.com		
Web-Page			
Educational Qualifications			
Degree	University/Institute	Year	
Ph.D.			
M.Phil./M.Tech.			
PG	M.Sc. Chemistry – Chhotu Ram Arya College, Maharishi Dayanand University, Haryana		2022
UG	B.Sc. Chemistry (Hons.) – Sri Venkateswara College, Delhi University		2018
Any Other Qualification	B.Ed- Navyug College of Education, Guru Jambheshwar University, Haryana		2020

Career Profile

Dedicated and highly motivated professional with a strong academic background and expertise in Chemistry. Possessing a Master's degree in Chemistry, complemented by a Bachelor's degree in Chemistry (Honors) and a B.Ed. qualification, I have demonstrated a consistent commitment to learning and academic excellence throughout my educational journey. Currently serving as an Assistant Professor in the Department of Chemistry at Shivaji College, Delhi University, I bring a wealth of knowledge and experience to my role, delivering engaging lectures, facilitating laboratory sessions, and fostering a conducive learning environment for students. With a passion for education and a solid foundation in chemistry, I am poised to contribute effectively to the academic community and inspire future generations of learners.

Administrative Assignments

Departmental Committee Member: Actively participate in departmental committees, contributing to decision-making processes and initiatives aimed at enhancing the department's academic programs, research activities, and student support services.

Curriculum Development: Lead or participate in curriculum development initiatives within the Department of Chemistry, collaborating with faculty members to review and revise course curricula, integrate new educational technologies, and ensure alignment with academic standards and industry trends.

Student Advisor/Mentor: Provide academic advising and mentorship to undergraduate students, offering guidance on course selection, degree requirements, career pathways, and personal development opportunities. Serve as a resource for students seeking support and assistance.

Event Coordinator: Organize and coordinate departmental events, such as seminars, workshops, conferences, and outreach activities, liaising with internal stakeholders, external partners, and vendors to ensure successful event planning and execution.

Areas of Interest/Specialisation

Physical Chemistry: Specialized in the study of the fundamental principles governing chemical systems' behavior and properties, including thermodynamics, kinetics, quantum mechanics, and spectroscopy.

Chemical Education: Passionate about innovative teaching methodologies, curriculum development, and assessment strategies to enhance student learning outcomes in the field of Chemistry.

Chemical Research: Experienced in conducting both theoretical and experimental research in various branches of Chemistry, with interests spanning new materials, reaction mechanisms, computational modeling, and interdisciplinary studies.

Curriculum Development: Proficient in shaping and refining Chemistry curricula to meet the evolving needs of students, integrating new topics, laboratory experiments, and educational technologies to enhance the learning experience.

Professional Development: Committed to continuous learning and professional growth, actively participating in conferences, workshops, and seminars related to Chemistry education, pedagogy, and research to stay updated on advancements in the field.

Subjects Taught

DSE 13 Biomolecules-I paper code-2173522006

GE 16 Coordination and Organometallic Compounds paper code: 2174001203

Chemical kinetics and Photochemistry

Paper code: 2174001207

Organometallics, Bioinorganic chemistry, Polynuclear hydrocarbons and UV, IR Spectroscopy

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

Publications Profile (*Research Papers/Books*)

Conference/Seminar/Faculty Development Programme/Workshop

Presented a paper” A review on metal contamination in soft drinks and its impact on human health” in international conference held on “Recent advancement in pharmaceutical, health and applied sciences” organised by om sterling global university, Hisar (Haryana).
Participated in international conference on “Resurgent bharat on the global canvas” organised by Shaikshik foundation in collaboration with NCPSL & Shivaji college, University of Delhi.

Research Guidance (*Supervision of Doctoral Thesis/Dissertations*)

Awards and Distinctions

Memberships

Other Academic Activities

Cultural/Extracurricular Activities

Participated in sports day of shivaji college as an co-convenor in chess committee.

Tamanna

Signature of Faculty Member