




Shivaji College Faculty Details Proforma

Title	Dr.	First Name	Anil Krishan	Last Name	Aggarwal	Photograph
Designation		Associate Professor				
Address		92- Ground Floor, Anand Lok, New Delhi-110049				
Office Phone No.						
Residence		011- 41665829				
Mobile		9582585994				
Email		anilkrishan.aggarwal1729@gmail.com				
Web-Page						
Educational Qualifications						
Degree		University/Institute			Year	
Ph.D.		University of Delhi			1987	
M.Phil./M.Tech.						
PG		M. D. Rohtak			1984	
UG		M. D. Rohtak			1980	
Any Other Qualification						
Career Profile						

Administrative Assignments

- Care taker N.C.C. officer of the college NCC wing in 1995.
- Coordinator, Department of Chemistry (1996-1997).
- Teacher representative, Governing Body (1999-2000).
- Deputy Superintendent Of Exam (1993 and 1994).
- Teacher in Charge (2008-2009)
- Deputy Superintendent Of Exam (2009).
- Deputy Superintendent Of Exam for S.O.L. (2017).
- Superintendent Of Exam for S.O.L. (2019).
- Teacher in Charge (2018-2019)

Areas of Interest/Specialisation

Physical Chemistry

Subjects Taught

Physical Chemistry

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

Innovation project (2013-2015)

Women's Participation in Politics and Society in Post-Globalisation Era: A comparative case- Study of three District; Rohtak (Haryana), Amritsar (Punjab) and Sriganganagar (Rajasthan)

Principal Investigators: Dr. VPS Malik, Dept. of Pol. Sc., Mr. Bishnu Satapathy, Dept. of Pol. Sc., **Dr. Anil Krishna Aggarwal, Dept. of Chem.**, Dr. Ruchira Dhingra, Dept. of Hind.

Mentor: Dr. Tapan Biswal, (S. O. L)

Publications Profile (*Research Papers/Books*)

- 'An MNDO Study of the Reaction of Methanol with Fulminic Acid and Acetonitrile Oxide' K. K. Sharma and **Anil K. Aggarwal**, Int. J. Quantum Chem. **1986**, 30, 213-224.
- 'A theoretical study of reaction of nitrile oxides with ammonia' K. K. Sharma and **Anil K. Aggarwal**, Indian J. Chem. **1987**, 26A, 906-913.
- 'A theoretical study of reaction of nitrile oxides with methyl amine' K. K. Sharma and **Anil K. Aggarwal**, J. Mol. Str. **1988**, 181, 389-399.
- 'An MNDO Study of the Reaction of hydrolysis of nitrile oxide' K. K. Sharma and **Anil K. Aggarwal**, Indian J. Chem. **1989**, 28A, 63-66.
- Synthesis and characterisation of copper (II) complexes of isopropylmethylketone semicarbazone, S. Chandra, **Anil K. Aggarwal** and K. K. Sharma, Synth. React. Inorg. Met. -Org. Chem. **1987**, 17, 811-826.
- Synthesis of a typical chalkone and a flavanone of wyethia glabra, Sunanda

Babber, S. Chandra and **Anil K. Aggarwal**, Indian J. Chem. **1987**, *26B*, 797-798.

- 'Synthesis, structural elucidation and antimicrobial effectiveness of coordination entities of cobalt (II) and nickel (II) derived from 9,17-diaza-2,6,11,15-tetrathia-1,7,10,16-(1,2)-tetrabenzenacyclooctadecaphan-8,17-diene' Rajiv Kumara, Rajni Joharb and **Anil Krishan Aggarwal**, Eur. J. Chem. **2012**, *3 (1)*, 57-64.
- 'Tailoring methodologies for the architecture of organometallic frameworks of Bi(V) derived from antibiotics: Spectral, MS, XRPD and molecular modeling with antifungal effectiveness' Rajiv Kumar, Rajni Johar and **Anil Krishan Aggarwal**, J Integr Sci Technol, **2013**, *1(1)*, 54-64.
- 'Biomolecular interaction simulation of supramolecular topologies of organometallic assemblies of Bi(V) with antibiotic Tetracycline Amoxicilline drugs and their experimental evaluation' Rajiv Kumar, Kiran Gulia, Mina Chandra, **Anil Krishan Aggarwal**, Anil Kumar, Sandeep Mittan and Parashuram Mishra, J Biomed. Ther. Sci, **2019**, *6(2)*, 61-72.

Conference/Seminar/Faculty Development Programme/Workshop

- Participant in refresher course in computer applications in Chemistry code CH-11 in 1991.
- Participant in orientation course in General and subject specific code-OR 10 in 1991.
- Participant in refresher course in chemistry entitled 'Advances in Chemistry' code CH-89 in 1999.

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

Awards and Distinctions

Memberships

Fee Concession committee
Time table committee
Sports committee
Convener discipline committee
Anti-ragging committee

Other Academic Activities

Cultural/Extracurricular Activities

Signature of Faculty Member