




Shivaji College Faculty Details Proforma

Title	First Name	Last Name	Photograph
Dr.	NAND	GOPAL GIRI	
Designation	ASSISTANT PROFESSOR		
Address	F-3/67, SECTOR 15, ROHINI, DELHI 110089		
OfficePhone No.			
Residence			
Mobile	9811364367		
Email	Giri_nand@rediffmail.com		
Web-Page			
Educational Qualifications	M.Sc., Ph.D.		
Degree	University/Institute	Year	
Ph.D.	UNIVERSITY OF DELHI	2008	
M.Phil./M.Tech.			
PG	UNIVERSITY OF GORAKHPUR	1992	
UG	UNIVERSITY OF GORAKHPUR	1990	
Any Other Qualification			
B.Ed.	CCS UNIVERSITY MEERUT	2003	
Career Profile			
<ul style="list-style-type: none"> ➤ Worked as Lecturer in the Department of Chemistry, Kirorimal College (University of Delhi) from 25th July to 29th August 2008 on adhoc basis. ➤ Working as Assistant Professor, Department of Chemistry, Shivaji College (University of Delhi) from 30th August 2008 on permanent basis. ➤ Worked as Manufacturing Chemist in 'Maiden Pharmaceuticals Pvt. Ltd.' Kundali, 			

<p>Sonepat, Haryana, Feb. 1994 (Practical knowledge of manufacturing of Paracetamol, bulk drug).</p> <p>➤ Worked as ‘Manufacturing cum Analytical Chemist’ in ‘Wonder Hygiene Products Pvt. Ltd.’ Delhi (Contract manufacturer of consumer products of MODICARE, a division of Indofil India Ltd.) August 1995 - June 1997.</p> <p>➤ Worked in ‘Jindal Exports Ltd.’ (Essential Oils Division) Delhi, as ‘approved analytical chemist’ in mentha oil (IP) and menthol (IP/BP/USP) from Delhi Drugs Controlling Department, National Capital Territory Delhi, July 1997- February 2001.</p>
<p>Administrative Assignments</p>
<p>Areas of Interest/Specialisation</p>
<p>ORGANIC CHEMISTRY</p>
<p>Subjects Taught</p>
<p>ORGANIC CHEMISTRY</p>
<p>Innovation Project/Research Projects (Major Grants/Research Collaboration)</p>
<p>Publications Profile (Research Papers/Books)</p>

- Rosette formation by hydrogen bonding of 5,5-Dialkylbarbituric acids with 2- Amino-4,6-bis[5-(4'-aminophenyl)porphyrinatozinc]-1,3,5-Triazines in solution, S.M.S. Chauhan, **N.G. Giri**, *Supramolecular Chemistry*, 20(8), **2008**, 743-752, Impact factor **2.132**, ISSN 1061-0278.
- Detection and Characterization of Kerosene in Fire Debris by Thin Layer Chromatography, A.K. Jaiswal, T. Millo, G.K. Gaur, R.C. Sharma, N. Lal, S.K. Mewar, **N.G. Giri**, *Amity Journal and Behavioural and Forensic Sciences*, 4(1), **2008**, 79-83, E-ISSN 0973-9742.
- Development of New Solvent Systems for the Analysis of Chloropyrifos Poison Extracted from Blood, A.K. Jaiswal, **N.G. Giri**, M. Gupta, P. Kumar, M.P. Rejeetpaul, *Proceedings of the Indian National Science Academy*, 74(4), **2008**, 173-177, Impact factor **0.396**, ISSN 0370-0046.
- Oxidation of polycyclic aromatic hydrocarbons with hydrogen peroxide catalyzed by Iron(III)porphyrins, **N.G. Giri**, S.M.S. Chauhan, *Catalysis Communications*, 10, **2009**, 383-387, Impact factor **3.32**, ISSN 1566-7367.
- Spectroscopic and spectrometric studies of anion recognition with calix[4]pyrroles in different reaction conditions, **N.G. Giri**, S.M.S. Chauhan, *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 74, **2009**, 297-304, Impact factor **2.163**, ISSN 1386-1425.
- Cellulose based Bio-Nanocomposites: Tailoring and Applications, S.K. Shukla, **N.G. Giri**, V.K. Singh, A. Tewari "Recent Developments in Bio-Nanocomposites", *Nova Science Publishers, Inc., USA*, **2011**, Chapter 23, Cellulose Based Bio-Nanocomposites: Tailoring and Applications, pg. 667-687, ISBN 978-1-61761-513-9 (eBook).
- Studying interaction of DDT with variety of organic solvents and developing some new solvent systems for separation of standard DDT by Thin Layer Chromatography, A.K. Jaiswal, S. Nagpal, **N.G. Giri**, M. Gupta, J. Kaur, *International Journal of Chemical and Analytical Science*, 3(12), **2012**, 1668-1671, Impact factor **0.649**, ISSN 0976-1209.
- Biodegradable polymeric nanostructures in therapeutic applications: Opportunities and challenges, S.K. Shukla, Sudheesh K. Shukla, Peny P. Govender and **N.G. Giri**, *RSC Advances*, 6, **2016**, 94325-94351, Impact factor **3.840**, ISSN 2046-2069.
- Analysis of Phosphine with different techniques, Dr. A.K. Jaiswal, **Dr. N.G. Giri**, Sanya Gaur, Dr. Anil Kumar Jaiswal, *Int. J. Med. Lab Res.*, 1(2), **2016**, 17-23, ISSN 2456-4400.
- Analytical Aspect with brief Overview of Depressants, Sandeep Kumar, **Nand Gopal Giri**, Ashok Kumar Jaiswal, Anil Kumar Jaiswal, *SMU Medical Journal*, 4(1), **2017**, 142-167, Impact factor **3.835** (SJF), ISSN 2349-1604.
- Forensic Applications of IR/FTIR, A.K. Jaiswal, **N.G. Giri**, Anil Kumar Jaiswal, Nilima

Samal, P. Sharma, T. Millo, S.K. Gupta, *Journal of Forensic Chemistry and Toxicology*, 3(1), **2017**, DOI: <http://dx.doi.org/10.21088/jfct.2454.9363.3117.5>, p-ISSN 2454-9363, e-ISSN 2455-8311.

- Mercury Poisoning- A Review, A.K. Jaiswal, **Nand Gopal Giri**, Anil Kumar Jaiswal, Akanksha Priya, Rajesh Kumar, *Unique Journal of Medical and Dental Sciences*, 6(2), **2018**, 1-6. ISSN 2347-5579.
- Analytical Aspects and Management of Antimony Poisoning- A Review, Mercury Poisoning- A Review, Ashok Kumar Jaiswal, **Nand Gopal Giri**, Madhuri Gupta, Anamika Jha, Raj Kumari Ojha, *Journal of Pharmaceutical Advanced Research*, 2(1), **2019**, 452-457. eISSN 2581-6160.
- Thermo- catalytic Conversion of Waste Polyethene Bags into Value Added Products, Barak, Anil; Kumari Munni, Vanita Mishra, Divya, **Nand Gopal Giri**, Shukla, Saroj K, *Indian Journal of Chemical Technology* 26(1), **2019**, 95-99.

Conference/Seminar/Faculty Development Programme/Workshop

- Biomimetic oxidation of Guggulsterone and related compounds with hydrogen peroxide catalyzed by iron(III)porphyrins in ionic liquids, Anil Kumar, Nidhi Jain, **Nand Gopal Giri**, Sandeep Rana and S. M. S. Chauhan, ICOB-4 & ISCNP-24, IUPAC International Conference on Biodiversity and Natural Products: Chemistry and Medical Applications, 26-31 January **2004**, New Delhi, India.
- Participated in 41st Annual Convention of Chemists, (Indian Chemical Society), 23-27 December, **2004**, Organized by Department of Chemistry, University of Delhi, Delhi, India.
- Functionalized unsymmetrical metalloporphyrins in self-assembly, **Nand Gopal Giri**, Shweta Agarwal and S. M. S. Chauhan, IUPAC sponsored second International symposium on Green / Sustainable Chemistry, 10-13 January, **2006**, Department of Chemistry, University of Delhi, Delhi, India.
- Electrostatic interaction of cationic porphyrins with calix[4]arene and related heterocalix[4]arenes, Pratibha Kumari, Tanuja Bisht, Bhasker Garg, **Nand Gopal Giri**, Jyoti Tanwar, Pradeep Singh Chauhan and S. M. S. Chauhan, 9th CRSI, National Symposium in Chemistry (NSC-9), February 1-4, **2007**, Department of Chemistry, University of Delhi, Delhi, India.
- Participated in 1st Indo-Danish DU-SDU seminar on “Emerging Trends in Interfacial Areas of Chemical, Biological and Environmental Sciences” organized by Department of Chemistry, University of Delhi and Department of Physics and Chemistry, University of Southern Denmark, 17-18 March **2008**, Delhi, India.
- Participated in national workshop on “Role of Analytical Techniques in Industry” organized by Indian Society of Analytical Scientists (ISAS) Delhi Chapter and Department of Chemistry Kirori Mal College, University of Delhi, 21-22 January **2010**, Delhi, India.

- Participated in UGC-Sponsored orientation programme (OR-64) held in Institute of Lifelong Learning, University of Delhi, from 18 November to 15 December **2010**.
- Participated in national workshop on “Role of Analytical Techniques in Biological and Environmental Sciences” organized by Indian Society of Analytical Scientists (ISAS) Delhi Chapter and Department of Chemistry Kirori Mal College, University of Delhi, 27-29 January **2011**, Delhi, India.
- Participated in International Conference on “Nanomaterials and Nanotechnology” jointly organized by University of Delhi, VBRI press and International Association of Advanced Materials (IAAM), held in University of Delhi from 18-21 December **2011**.
- Participated in the Academic Congress on “Enabling the Young: Redefining Education” organized by University of Delhi from 6-7 September **2012**.
- Participated in one day hands-on training on ICT Tools for Science Educators & Students, SGTB Khalsa College, and University of Delhi on 18th December **2012**.
- Participated in First WDC International Conference on “Empowerment of Women in Developing World” organized by Women’s Development Cell, Shivaji College University of Delhi in collaboration with Women’s studies and Development Centre, University of Delhi and National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India, in University of Delhi on April 1-2, **2013**.
- Participated in UGC-Sponsored refresher course conducted by CPDHE, University of Delhi, from 26th June to 16th July **2015**.
- **Short listed and Participated from India in “ANALYTICAL SKILL DEVELOPMENT COURSE (ASDC) 2015” held in University of Helsinki, Finland from 09-20 Nov. 2015, organized by ‘The Technical Secretariat of the Organisation for the Prohibition of Chemical Weapons (OPCW)’; winner of NOBLE PEACE PRIZE 2013.**
- Participated in National Conference “MAX MEDICON 2017” organized by Max Hospitals in Patparganj Delhi from 21-22 Jan. **2017**.
- “Role of HPTLC in analysis of Depressants” **Nand Gopal Giri**, A.K. Jaiswal, S. Kumar, International Symposium for High-Performance Thin Layer Chromatography, 4-8 July **2017** Berlin, Germany.
- “Extraction , Isolation and Detection of Ethambutol in Blood using HPTLC Plates” A.K. Jaiswal, **Nand Gopal Giri**, S. Yadav, H. Mahto, S. Gupta, International Symposium for High-Performance Thin Layer Chromatography, 4-8 July **2017** Berlin, Germany.
- Participated in UGC-MHRDC Sponsored refresher course conducted by ASC-Lucknow University Lucknow, from 1st to 23rd January **2018**.
- “Chemical and Analytical Aspects of Stimulants in Crime Investigation: A Review” **Nand Gopal Giri**, Pallavi Chaudhary, A.K. Jaiswal,, International Conference on Emerging Trends in Chemical Sciences (ICETCS), held in DDU Gorakhpur University Gorakhpur, 24-25 February **2018**.

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

Awards and Distinctions

- **Lectureship – National Eligibility Test (LS-NET)** Dec. 2001, Award No. (F.No. 2-48/2001 (II) EU II), which is an essential qualification for Lectureship in Indian Universities.
- **Lectureship – National Eligibility Test (LS-NET)** June 2002, Award No. (F.No. 2-56/2002 (I) EU II).
- **Junior Research Fellowship (JRF-NET, CSIR)** December 2002, Award No. (F.No. 2-56/2002 (II) EU II), conducted jointly by Council of Scientific and Industrial Research (CSIR) and University Grant Commission (UGC) for doing research in Indian Universities and CSIR laboratories.
- **Senior Research Fellowship (SRF), CSIR**, November 2005 to June 2008.
- **Lectureship – National Eligibility Test (LS-NET)** June 2003, Award No. (F.No. 10-2(5)/2003 (I)-EU II).

Memberships

- Life member of 'Indian Society of Analytical Scientists', LMT-2008/16.
- Member of the Editorial Board of '**Journal of Forensic Chemistry and Toxicology (JFCT)**'

Other Academic Activities
Cultural/ Extracurricular Activities

Nand Gopal Giri

Signature of Faculty Member