



Faculty Details Proforma for Gargi College

Title	Dr.	First Name	Shashi	Last Name	Chawla	Photograph
Designation	Associate Professor					
Address	Department of Microbiology Gargi College University of Delhi					
Phone No Office	01126494544					
Residence*						
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Email	prof.shashi@yahoo.com					
Web-Page						
Educational Qualifications						
Degree	Institution				Year	
Ph.D. (Medical Microbiology)	V. P. Chest Institute, University of Delhi				1994	
M. Sc. (Microbiology)	Deptt. Of Microbiology, South Campus, Univ. of Delhi				1987	
B. Sc.(G) 'B'	Univ. of Delhi				1985	
Career Profile						
<ol style="list-style-type: none">1. Worked from April, 1993 to July, 1996 as Antigen Chemist at V. P.Chest Institute.2. Working from July, 1996 till May, 2014 and from August, 2015 till date as faculty at Department of Microbiology, Gargi College.3. Worked from May, 2014 to July, 2015 as Fellow, Microbiology (on deputation) at Institute of Life Long Learning, South Campus, University of Delhi.						
Administrative Assignments						
Following administrative assignments were undertaken at Gargi College: <ul style="list-style-type: none">➤ 2001-3: TIC, Deptt. Of Microbiology and Teacher Advisor, GERMS (Association of Students of Microbiology Department of Gargi College)➤ 2002-3: Deputy Superintendent, Annual and Supplementary exams➤ 2002: Member, Organizing Committee, Science Exhibition held at Gargi College on 27th & 28th Nov. during "Reverie"➤ 2005-6: Teacher Representative, Governing Body➤ 2010-2012: TIC, Deptt. Of Microbiology and Teacher Advisor, GERMS➤ 2010-2013 : Co-convener, Path Finder Award Committee➤ 2010 onwards: Member and Coordinator, Microbiology Department, Star College Committee➤ 2010-11: OBC admissions, Sciences Courses at College➤ 2011: Co-convener, Refreshment Committee for Reverie & Annual day.➤ 2013-14: Advisor, Student Union						

Also been member of Library Committee (1996-98), Garden Committee (2005-7) and Building Maintenance Committee(2007-9).

Administrative assignments undertaken at Univ. of Delhi:

- Member, Flying Squad, Univ. of Delhi, May & June, 2015.
- Member, Committee of Courses of Faculty of Applied Sciences, South Campus, Univ. of Delhi
- Member, Faculty of Interdisciplinary and Applied Sciences under Statute 9 (3) (v) & 9 (4) - Teachers category for 3 years from 30th March 2016.

Areas of Interest / Specialization

Immunology, Microbiology

Subjects Taught

Immunology; Microbial Physiology and Metabolism; Concepts of Genetics; Mycology; Microbial Genetics; Bioinformatics

Research Guidance

Not Applicable

Recent Publications

Editor, e-book titled Introduction to microbial world, 2015

Editor, e-book titled Bacteriology, 2015.

e-Chapter: Chawla S. Carbon and Nitrogen metabolism. *In:* e-Book titled “Microbial Physiology and Biochemistry”, developed for NSDL (National Science Digital Library), an endeavour of NISCAIR (National Institute of Science Communication and Information Resources).

Conference Organization/ Presentations

- *Organization of Conferences*

1. Organised a part of India- UK Science Festival” at Gargi College, 16th Jan 2002. Included Lectures on “Social and Ethical Aspects of Research and Biotechnology” by Dr. Harry Griffin, Rosalin Institute, UK and Dr. Sui Mayers, Director, Gene Technology, UK.
2. Organised one day STG sponsored seminar on “Bioinformatics” at Gargi College, Sept 19, 2002.
3. Member, Organising Committee of Scientific Session of a Multidisciplinary Conference on “Conflict to Convergence: Building Holistic Perspectives”, Gargi College, 7th and 8th Nov., 2012.
4. Organised “ Micromania “ a festival of Department of Microbiology, Gargi College, 2010-11.
5. Organised first common Science Festival “Scintillations”, Gargi College, 2011-12, along with Botany Deptt.
6. Member, Organising Committee of a Workshop on “Intellectual Property Right and Multimedia Enrichment of e-content” conducted at Institute of Life Long Learning, South Campus, Univ. of Delhi, Sept. 19 & 22, 2014.
7. Member, Organising Committee, 2nd Task Force Meet under Star College Scheme of DBT, Gargi College, 8th and 9th May, 2018.

- *Presentations in Conferences*

1. Isolation, characterization and identification of a bacterium producing antifungal substance. Presented at “BESCON-2017: Biological Engineering in 21st Century”, organized by division of Biological Sciences and Engineering, Netaji Subhas

<p>Institute of Technology, New Delhi on 8th & 9th September, 2017.</p> <p>2. Isolation and Characterization of Biosurfactants Producing Bacteria from Garage Soil of Delhi Area. Presented at National Seminar on “Climate change and Food Security” organized by Centre for Biotechnology, Maharishi Dayanand University, Rohtak on 25th January, 2018.</p> <p>3. Differencies in fatalities due to Covid-19 between East and West: A fact finding. Presented at virtual International Conference of Association of Microbiologists of India, Feb 3-5, 2021.</p>
<p>Research Projects (Major Grants/Research Collaboration)</p>
<p>Awards and Distinctions</p> <p>1985: Recipient of award for securing maximum aggregate marks in B.Sc. (G) 'B' course of D.R. College, University of Delhi.</p> <p>1987: Recipient of Gold Medal for standing First in M.Sc. (Microbiology) course of University of Delhi.</p> <p>1987-89: Recipient of Junior Research Fellowship of Council of Scientific and Industrial Research, New Delhi.</p> <p>1989-93: Recipient of Senior Research Fellowship of Council of Scientific and Industrial Research, New Delhi.</p> <p>1991: Recipient of Gold Medal for Best Research Paper presented by a Post-graduate student at 25th Annual Convention of Indian College of Allergy and Applied Immunology held at Delhi, India, December 19-22,1991.</p>
<p>Association With Professional Bodies</p> <p><i>i) Life Fellow, Indian College of Allergy and Applied Immunology</i> <i>ii) Life Member, Indian Immunology Society</i> <i>iii) Life Member, Association of Microbiologists</i> <i>iv) Life Member, Microbiologists Society, India</i></p>
<p>Other Activities</p> <p>Reviewed E-lessons (3) for National Mission on Education- Information Communication Technology (NME- ICT) in Zoology under the MHRD Project.</p>