

Dr. ShiviSrivastava

Assistant Professor, Department of Biochemistry, Dr RML Avadh University, Ayodhya

Contact details:

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Father's Name: Sri VirendraPratapSrivastava

Teaching Experience:

IGNOU, Delhi-Since 2019 Counsellor

M.Sc. DFSM, Practical Counselling

Nutritional Biochemistry, Food Safety and Microbiology

ShaheedRajguru College ASW(DU)-February 2018-April 2018

Department of Biomedical Science: As Guest Faculty

Course Taught: B.Sc. (H)

Papers Taught: Medicinal Chemistry

AcharyaNarendraDev College (DU)-July 2016-April 2018

Department of Biomedical Science: As Guest Faculty

Course Taught: B.Sc. (H)

Papers Taught: Cell Biology

Environmental Studies

Practical courses

Deshbandhu College (DU)-September 2015-November 2015

Department of Biochemistry: As Guest Faculty

Course Taught: B.Sc. (H)

Papers Taught-Cell Biology

Metabolism of Carbohydrates and Lipids

Complex Diseases

Delhi College of Arts and Commerce-February 2015-April and August 2015

As Guest Faculty

Paper taught-Environmental Studies

IP College for Women (Delhi University)-January 2014-May 2014

As Assistant Professor in payscale (15600-39100 6000 AGP)

Course-B.Sc., B.A.

Papers Taught-Science and Life

Integrating Mind Body and Heart

ITS Engineering College Greater Noida- August 2012-December 2014

As Assistant Professor in payscale (15600-39100 7000 AGP)-Department of Applied Science and Humanities

Course-B.Tech, MCA

Papers taught-Environment Science

Daulatram College (Delhi University)- Jan 2012-April 2012

Course B.Sc.(H)-Life Sciences

Papers taught-Environmental Science

Cell Biology

B.Sc.(H)- Botany-

Papers taught-Molecular Biology

Plant Physiology

B.Sc. (H)-Chemistry- Biology

AcharyaNarendraDev College (Delhi University)- July- 2011 session (leave vacancy)

As Assistant Professor (ad hoc)- Department of Biomedical Science.

Course B.Sc. (H) Biomedical Science.

Papers Taught – Introduction to Biology (Theory and Practical)

Cell Biology (Unit 2, Theory)

Toxicology (Practicals)

Dr. R.M.L. Awadh University – Faizabad(UP) : Since Dec-2005 till Sep 2009

As Lecturer-- in Department of Biochemistry

Papers Taught: -Protein chemistry and Enzymology (M.Sc. Final)

- Tools and Techniques ***and*** Clinical Physiology and Nutrition (M.Sc. Previous)

- Part-Time / Visiting/Guest Faculty

a) University of Allahabad, Allahabad: From August 2002 – Dec. 2005

As Part-Time Lecturer – in the Department of **Centre of Food Technology**,

Paper Taught - Biochemical correlates of Nutrition and Food Toxicology

b) University of Allahabad, Allahabad: From Dec. 2005 till date

As Visiting/ Guest Faculty – in the Department of **Centre of Food Technology**,

Paper Taught - Biochemical correlates of Nutrition and Food Toxicology (M.Sc. Nutritional Sciences)

c) Dr. R.M.L. Awadh University – Faizabad (UP): From Dec.2005 till date

As Visiting/Guest Faculty – in the **Department of Biotechnology**

Paper Taught - Macromolecules and Enzymology (M.Sc. Biotechnology)

Achievements:

- Instrumental in developing the paper “Biochemical Correlates of Nutrition” while teaching in Centre of Food Technology, University of Allahabad.
- Got good feedback from students.
- Prepared the students for NET. Successful in pushing up number of NET qualified students from the Department of Biochemistry, Avadh University.
- Seminar Incharge of M.Sc. (final).
- Introduced and developed the concept of test system for thorough evaluation of students.

ACADEMIC QUALIFICATIONS:

- ***Qualified ASRB-ICAR NET 2001 for LS.***
- ***Qualified UGC-CSIR NET, December 2001 for LS.***
- ***Earned highest marks in M.Sc. Practicals.***
- ***Secured Third rank in Order of Merit in M.Sc.***
- ***Secured 9.14 CPI in Ph.D. coursework.***
- ***In DU Adhoc panel (Category 1)***

%	Subjects	School/University	Year of Passing	Certificate/Degree
84.8%	English, Maths, Computers, Science, Social Studies, Hindi	Girls’ High School & College, Allahabad.	1993	I.C.S.E.
76.7%	English, Hindi, Biology, Physics, Chemistry	-do-	1995	I.S.C.
70.1%	Botany, Zoology, Chemistry	University of Allahabad	1999	B.Sc.

69.5%	Biochemistry	-do-	2001	M.Sc.
	PesticidalXenobiotics in Human Milk: Organochlorines and Organophosphates	Motilal Nehru National Institute of Technology, Allahabad	2009	Ph.D

Additional Qualifications:

Knowledge of Computers:

MS-DOS, Concepts of LAN, programming in BASIC, elementary C programming, Windows (98, 2000, xp) MS-(Word, Excel, Powerpoint), Adobe Reader, Photoshop, concept of eCommerce andNetworking,SPSS, MATLAB, Paint, Moodle and other softwares for E-content development etc.

Instruments handled/Techniques known:

- Spectrophotometry (UV-visible, FT-IR, Atomic Absorption),
- Chromatography (Paper, Column, Thin-Layer, Ion-exchange, Gas, HPL),
- Electrophoresis (Agarose gel, SDS-PAG),
- Flame Photometer,
- Western and Southern Blotting,
- Isoelectric focusing,
- ELISA,
- Ouchterlony Double diffusion,
- Basic techniques in genetics and genomics
- Microbiological Techniques (MPN, Bacterial count, Growth curve, Differential staining, Endospore staining etc.),
- Rotavapour,
- BOD,
- COD and Water quality testing,
- Research Centrifuge,
- Nephelometer,
- Mercury Analyser,
- Conductivity meter,
- pH meter,
- Enzyme assays
- Titrimetric methods
- Protein Analysis
- Techniques in Genetics and Molecular Biology

Research experience:

The Energy and Resources Institute-July 2014-October 2014

As Project Consultant in the project titled “*Agrobacteriumtumefaciens* mediated transformation of filamentous fungi”

As PhD. Student at MNNIT, Allahabad, 2004-2009.

Thesis titled “**PesticidalXenobiotics in Human Milk: Organochlorines and Organophosphates**”

Under guidance of :

1) Prof. S.C. Prasad, MNNIT, Allahabad and

2) Prof. S.S. Narvi, MNNIT, Allahabad

Research Interests: monitoring and detection of pesticides and their effects, biosensors

Dissertation Guided:

- Extraction and Preservation of Leaf Protein of *Chenopodium album* (‘Bathua’): Enrichment and Removal of Anti Nutritional Factors.

Reviewer for Human and Experimental Toxicology

Publications/Presentations:

- Srivastava, S., Narvi, S. S., and Prasad, S.C., Organochlorines and Organophosphates in Bovine Milk Samples in Allahabad Region. *Int. J. Environ. Res., Spring 2008, 2(2): 165-168, impact factor 1.62 ISBN 978-1-4338-0561-5*
- Srivastava, S., Narvi, S. S., Prasad, S.C. Levels of select organophosphates in human colostrum and mature milk samples in rural region of Faizabad district, Uttar Pradesh, India *Hum Exp Toxicol October 2011 30: 1458-1463*, impact factor 1.211 Print **ISSN:** 0960-3271; Online **ISSN:** 1477-0903
- Srivastava, S., Narvi, S. S., Prasad, S.C. Analysis of cyclodiene contamination in colostrum and mature milk samples of rural subjects from Faizabad District, Uttar Pradesh. Communicated in Environmental Pollution.
- Oral Presentation of paper titled “Neonatal Intake Profile of Select Organochlorine Pesticides through Colostrum and mature milk in Rural Area of Faizabad Distt., U.P., India” in 77th Annual Session and Symposium on “*Novel Approaches for Food and Nutritional Security*” at Central Food Technology Research Institute, Mysore on 7th December, 2007. (Abstract Published)
- One paper titled “Levels of Select Organophosphates in Human Colostrum and Mature Milk Samples in Rural Region of Faizabad District, U.P.” presented as poster in symposium on “*Current Advances in Molecular Biochemistry: Applications in Health, Environment & Agriculture*” organized by Department of Biochemistry, University of Lucknow in 28th December, 2007. (Abstract Published)
- One Abstract “Organochlorines and Organophosphates in Bovine Milk Samples in Allahabad Region” published in Proceedings of National Seminar on Environmental Challenges organized by Ewing Christian College in 2006.

PERSONAL DETAILS

Date of Birth : 3rd March, 1977

Current Address: A-1212, Tower 2,
AshianaUpvan,
AhinsaKhand-II,
Indirapuram,
Ghaziabad – (UP)

Permanent Address: 537/427, Nigam Crossing,
Mumfordganj,
Prayagraj-211002

Uttar Pradesh,
India.

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Co-curricular Activities:

- Won Prizes in Debates, elocutions, Quizzes.
- Secretary of Kshitij club (Hindi Literary club in School)
- Won prizes in group singing in School choir
- Passed One year course in Kathak from SangeetSamiti with Distinction

Referees:

- 1) Dr.Subhash Chandra Prasad
Professor & HOD of Civil Engg.Deptt.
Flat No.5, B Block,FirstFloor, Faculty Residency,
M I E T,
NH 58,Baghat Crossing, Bypass Road,
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- 2) Dr. S.S. Narvi,
Professor and Head,
Department of Chemistry,
Motilal Nehru National Institute of Technology,
Allahabad.
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91-532-2271273(0)
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- 3) Professor Sharif Ahmad
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- 4) DrRashmiSanghi
Consultant
Ganga River Basin Management Plan (GRBMP)
A Project of Ministry of Environment and Forests (MOEF)
Room No. 3, Media Lab
Indian Institute of Technology Kanpur
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- 5) Dr. O.P. Srivastava
(Ex-Director,
Institute of Agricultural Sciences,

BHU-Varanasi)
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