

# Dr. Shailesh Kumar Srivastava



*Assistant Professor*

*Department of Zoology,*

*Shia P.G. College, Lucknow-226020 INDIA.*

**Father's Name :** Late Dr. V.L. Srivastava

**Mother's Name:** Smt. Savitri Srivastava

**Marital Status:** Married

**Date of Birth:** 02-02-1981

**Email:** srivastavshailesh@gmail.com

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## Experience:12Years (Academic and Research)

### Research Experience:

2004 -2008 : Worked as Research Fellow in the Department of Zoology, University of Lucknow, Lucknow, for completion and award of Ph.D. Degree.

### Teaching Experience:

**2008 -2009** : Worked as **visiting faculty** in the **Department of Applied Animal Sciences** at **Baba Saheb Bhimrao Ambedkar Central University**, Vidya-Vihar, Raibareilly Road Lucknow, for teaching M.Sc. students.

**2009 onwards** : Working as **Assistant Professor** (Self finance) duly approved by Vice-Chancellor as per recommendation of duly constituted selection Committee.

**2014 -2015** : Worked as **Associate Visiting faculty** of Environmental science Programme in B.C.A. in the **UPTECH Computer Consultancy Limited Rana Pratap Marg Lucknow** (02-11-14-28-02-2015).

### Educational Qualification

S.N.	Degree/Examination	University/Board	Year	Result/Division	Subject
1	Ph.D.(Zoology)	University of Lucknow	2008	Awarded (According to UGC regulation 2009).	Topic: "Studies on certain Biological Aspects of some Helminth Parasites of Pig"
2	M.Sc.(Zoology)	University of Lucknow.	2004	First	Biological Science (Zoology)
3	B.Sc.(ZBC)	University of Lucknow.	2001	First	Biological Science, Chemistry
4	Intermediate	U.P. Board, Allahabad	1998	First	Physics, Chemistry, Biology, English, General Hindi,
5	High-School	U.P. Board, Allahabad	1996	First	Hindi, English, Math-2, Science-2, Biology, Social science

## Job Expertise:

- ✓ Theory examiner in M.Sc. (Zoology) and B.Sc. (Zoology) classes.
- ✓ External and Internal Examiners of Practical Examination of U.G.Classes at University of Lucknow and R.M.L.University of Faizabad (Ayodhya).
- ✓ Helping the Department in organizing conferences/Symposium etc.
- ✓ Worked as observers/University Representatives in various competitive examination i.e.B.Ed.,CPMT, and UGC-NET etc.

## Technical skill:

- ✓ Various techniques such as in-vitro development of chick embryo, different stages of chick mounting, microtomy, Biochemical estimation by spectrophotometer, DNA and Protein estimation –based technique related to Bio-therapeutics (Chromatography and biochemical assays) gel electrophoresis, media preparation and sterilization, autoclaving, inoculating, streak plate techniques, bacterial growth curve study, immuno-techniques, Immuno-histochemistry: tissue fixation, embedding and sectioning,and some basic technique of biological sample analysis etc.
- ✓ **Work on Human System:** Investigations were carried out using alternative system of treatment in collaboration with leading homeopathic Physician Dr. Subhash Chandra, along with cell culture Lab, Department of Zoology,and University of Lucknow.
- ✓ As a result of our intensive research involving both male and female animal system using Biochemical, Histochemical, histopathological and Cell Culture techniques etc.; we are able to find certain homeopathic medicine to treat quite successfully and effectively chronic diseases such as Polycystic Ovarian Diseases (PCOD) in female, ITP and Neuro degenerative disease in male human system.

## Research Publications:

### a. Journal:

1. V.Rawat, Sahabjada, M.Gupta, N.Shivnath, P.Gupta, S.K.Srivastavaand M.Arshad (2018), Phytochemical Analysis of Bitter Melon Juice, **Ant proliferative and apoptosis inducing activity on Human osteosarcoma cells**. International Journal of Theoretical and Applied Sciences. ISSN : 0975-1718-10(1)27-33.(Sl.No of Journalin UGC List 17669)
2. Srivastav S.K. & Gupta, V (2014): **Qualitative Analysis of the Chemical Nature of Egg-Shell of *Fasciolopsis buski* (Lankester, 1857)**. Proceedings of the National Seminar Organized at Maharana Pratap Govt. P.G. College, Hardoi (U.P.) India ISSN 978-81-928993-1-2. Pg.115-120.
3. Srivastava S. K., Murti R. C., Gupta Vinod:(2011) **Quantitative Analysis of Trace Elements In *Fasciolopsisbuski* and *Gastrodiscoideshominis***.International Journal of Current Pharma ceutical Review and Research, ISSN: 0976-822X. August 2011-October 2011; 2(3); 161-168 (Available online onwww.ijcpr.com) .(Sl.No of Journalin UGC List 17372).
4. Archana Gupta, Shailesh Srivastav:(2011) **Chemical composition of eggshell in *Monieziaexpansa***. Bioved,22(1)83-88.ISSN 0971-0108. (Sl.No of Journalin UGC List 5204).
5. Archana Gupta and ShaileshSrivastav (2010): **Histochemical localization of peroxidase in *Monieziaexpansa* (Rudolphi, 1905)**. Bioved, 21 (1, 2) 121-125.ISSN 0971-0108. (Sl.No of Journal in UGC List 5204).

6. Gupta,V& Srivastava S.K. (2007): **Histopathological change so fintestine of pigsinfected with *Fasciolopsis buski***. National Journal of Life Science vol.4 (3) pp.26-27. ISSN 0972-956. (Sl.No of Journalin UGC List 26832).
7. V. Gupta & S.K. Srivastava (2006): **Scanning electron microscopy of tegmental surface of adult *Fasciolopsis buski* (Lankester, 1857)**.Journal of Current Nematology. 17 (1, 2) 51-54. ISSN 0971-0116.(Sl.No of Journalin UGC List 9106).
8. S. K Srivastava & V.Gupta:(2008): **Chemical composition of eggshellin *Gastrodiscoideshominis* (Lewis & Mc.Connell)**.National Journal of Life Science (Inpress).

## **b. Paper Presented in Scientific Conferences/Workshop.**

1. National conference Sponsored by Zoological Society of India and presented a paper entitled "Traceelements in *Fasciolopsis buski* (Lankester, 1857) &*Gastrodiscoides hominis* (Lewis &Mc Connell, 1876) heldon 6-12-2007 at the Universityof Lucknow,
2. 20<sup>th</sup> **National Conference of Parasitology at Shillong in Jan. 2008** and presented a paper entitled "Histopathological changes in intestine of pigs in fected with *Gastrodicoideshominis* (Lewis & Mc Connell,1876)"
3. **National Seminaron Environmental Crisis-Issues& Challenges**, at N.S.C.B Government Girls P.G .College, Aliganj, Lucknow in 28th &29th January-2011 and presented a paper entitled "**Effects of Global Warmingon Tropical Forest Ectotherms**."
4. **22th All India Congress of Zoology & NSBHW at Zoology Department University of Lucknow, Lucknow in Dec.29-31-2011** and presented a paper entitled "Amino acid composition in *Gastrodiscoideshominis*(Lewis &Mc. Connell, 1876).
5. A Seminar cum Training Workshop in "**Recent Techniques in Molecular & Cell Biology**" Feb 27-29,2012 organized by **Department of Zoology,University of Lucknow, Lucknow**.
6. Hands-on Training workshop in **Recent Techniques in Molecular & Cell Biology**" held at Departmentof Zoology, University of Lucknow from March 11-13; 2013, sponsored by **Indian Society of Cell Biology**.
7. National Seminar on "**Changing Environment and Biodiversity**" at Department of Zoology, Navyug Kanya Mahavidyalaya, Lucknow in 24<sup>th</sup> march 2013 and presented a paper entitled "**Digeneanparasites as tool for monitoring heavy metal pollution: Studies on lead accumulation in *Fasciolopsisbuski*, & *Fasciola hepatica***."
8. National Seminar on "**Environmental Degradation and Aquaculture**" at Post Graduate Department of Zoology, B.S.N.V P.G College, Lucknow in **28<sup>th</sup> April 2013** and presented a paper entitled "**Role of Some intestinal helminth Parasites of Fish as Bio- indicators in Aquatic Environment: AN overview and Prospective**."
9. National seminar on "**Emerging Trends in science & technology in 21<sup>st</sup>century**" sponsored by Department of Higher Education, Government of U.P." Organized by faculty of science, Maharana Pratap Government P.G. College, Hardoi, U.P between 25-26<sup>th</sup> Feb.2014 and presented a paper entitled"**Chemical composition of egg-shell of *Fasciolopsis buski* (Lankester 1857)**."
10. A Seminar cum **one Day Training Programme on Biodiversity & its conservation**" sponsored by Uttar Pradesh state Biodiversity board, Lucknow ,organized by Biodiversity and wild life conservation Lab, Department of Zoology, Universityof Lucknow,Lucknow., heldon March 26,2014.

11. National Seminar on “ The impact of digitalization of public services on society”(IDPSS), sponsored by Department of Higher Education, Government of U.P. organized by Mahamaya Govt. Degree College, Mahona, Lucknow, UP between 20-21th January 2018 and presented a paper entitled“**Role of digitalization in science-anemerging domain of informations cience and Technology.**”
12. National Seminar on “Changing Paradigm of Higher Education in India: Issues and Challenges with special reference to Uttar Pradesh organized by Lucknow University Associated College Teachers Association (LUACTA) in association with National P.G. College, Lucknow, U.P. on 10 October, 2018and presented a paper entitled“**Challenges and Opportunities in Higher Educationin U.P.**
13. 1<sup>st</sup>International conferenceon“**Bio-Psychosocial Perspectives of Trauma**”jointly organized by Shia P.G College and Indian Mental health and research center held on **13<sup>th</sup> January, 2019** at Lucknow and presented a Research Paper entitled “**Major Factors of Depression in the Community among Middle and Older aged Indians.**
14. Work shopcum Symposiumon**Traditional & Modern Animal Taxonomy and IPRI ssues for Biodiversity Protection & Conservation** in Collaboration with Zoological Survey of India (ZSI) & Indian Council of Agricultural Research-IndianInstitute of Soil andWater Conservation (**ICAR-IISWC**), **Dehradun**, organized by Department of Zoology Dolphin (PG) Institute of Biomedical & Natural Sciences Dehradun on 25-29 November 2019 and Presented a Research Paper entitled “**TheUse of MolecularTools for identification of New Species:Recent Approach in Animal Taxonomy.**
15. **National Seminar on “Tribal Culture in Sanskrit Literature”** organized by Om Akhand Rastra Dharma Sansthan Pendra Road Chhattisgarh& Indira Gandhi National Tribal University Amarkantak (M.P.) and presented a paper “**Ethenomedicinal studies in Sapura Mountain of Amarkantak Region District Anuppur and its use in homeopathic system of Treatment during Feb, 21-23,2020.**
16. **One week FDP on E-Content Development**organized by **Guru Angad Dev Teaching and Learning Center( Center of MHRD under PMMMNMTT)** and **Sanatan Dharma College Ambala Cantt.** during **27-31 July 2020.**
17. An International Webinar on “**COVID-19:Challenges and Opportunities**” organized by **Dr. B.R Ambedkar University Agra (India) and Howard University Washington D.C. (USA)** dated on 14-15 May, 2020 and presented a research paper entitled “**Homeopathic Medicine as an Alternative System for Prevention and Treatment of COVID-19.**
18. DST-SERB Sponsored workshop organized by Dept. Of Biosciences, Integral University,Lucknowon “**Nano and Micro Formulation as Drug Delivery Systems** dated on March 9-10, 2021.
19. An International Conference on Global Poverty: Concept, Measurement and Impact on Humanities (ICGP:CMIH-2022) organized by Lucknow Public College of Professional Studies, Lucknow dated on Feb 8-9, 2022 and Presented a research Paper entitled “**Global Poverty- A Major Cause of Public health Problems.**

#### **c. Published book:**

Author of “ **Fundamentals of Cell Biology**” for U.G. and P.G Students of Life Sciences published by **Swati Publisher**, Sitapur Road Lucknow (India)in December-2020 (**ISBN: 978-81-947346-0-4**).

#### **d. Projects in pipeline:**

Evaluation of ant cancerous potential of *Tinospora* (Giloy) in cervical cancer (Higher Education State Government, U.P.)

## Courses Taught in UG & PG:

### Theory courses:

Cell biology, molecular biology, Genetics, Evolutionary biology, Biochemistry, Immunology, chronobiology & biotechnology & Parasitology.

### Practical Courses:

Lab exercises in Biochemistry, Lab exercises in Immunology, Lab exercises in Chronobiology & Parasites biochemistry.

## Honour & Awards:

- **Got best Paper presenter award** in An International Conference on “Global Poverty: Concept, Measurement and Impact on Humanities (ICGP: CMIH-2022)” on the topic Global Poverty- a Major Cause of Public health Problems.
- Got “**Vivekananda Samta Foundation award -2019**” at the occasion of Vivekananda Jayanti and Felicitation Ceremony organized by **VIVEKANAND SAMTA FOUNDATION** dated on January 12, 2020 for contribution in field of Science.
- Got First position in M.Sc.(Zoology) during-2004 and received Certificate of Merit and Memento from **Vice-Chancellor of L.U. (Prof. R.P. Singh)** in Merit Felicitation Ceremony.
- Got First position in **B.Sc. (ZBC) &** received Certificate of Merit and Memento by President, Board of Trustees Shia P.G.College in **Merit Felicitation Ceremony award-2001**.

## Membership of Scientific Bodies:

1. Member of Asia society of researcher (ASR Membership no.R219092807)
2. Life member, Indian Society of Parasitology, CDRI, Lucknow (LM-734).
3. Life member, Laboratory Animal Science Association of India. (LM-514)
4. Member, National Journal of life science, M.P.
5. Member, Bioed Society, Allahabad U.P

## Invited Talk:

- Invited as Resource Person for deliver a talk on “**Promotion of alternative system of treatment as new healthcare infrastructure in rural Bharat**” at the International web conference on “**Advance Research in Sciences, Humanities and Social Sciences.**” organized by Department of Applied Mathematics, Maharaja Bir Bikram University of Tripura, India during July 09-10, 2020.
- Invited as **Resource Person** for deliver a talk on the topic “**Exploring & Understanding the COVID-19 Pandemic: Preparedness and Response Measures, for 3<sup>rd</sup> Wave**” organized by Lucknow Public College of Professional Studies Lucknow, India during July 17, 2021.
- Invited as **Resource Person** for deliver a talk on “**Creating the Next Generation Educators and National Education Policy (NEP-2020)**” at the **Faculty Development Programme** organized by Lucknow Public College of Professional Studies, Lucknow, India during 15-21 November, 2021.

- Invited as **Resource Person** for deliver a talk on “**Scope of alternative system of treatment as new healthcare services in India**” at the International-e- conference on “**Recent Trends in Health and Diseases**” organized by Institute of Advanced Molecular Genetics & Infectious Diseases (IAMGID), ONGC Centre of Advanced Studies (OCAS) in Collaboration with Molecular and Human Genetics Laboratory, Department of Zoology, University of Lucknow, Lucknow, India during 19-21 January 2022.
- Invited as **Resource Person** for deliver a talk on the topic “**Health care through Alternative system of treatment in Poverty ridden condition in India**” organized by Lucknow Public College of Professional Studies Lucknow, India during Feb 09, 2022.

### **Advisory Committee Member:**

Appointed as “**External Member of Academic Council**” in Lucknow Public College of Professional Studies Gomati Nagar Lucknow for valuable contribution and active participation in Academic Progress of the College during session 2016-2017 to 2018-2019.

### **Extracurricular Activity:**

- Appointed as Guest to deliver talks on “**ALL INDIA RADIO LUCKNOW**”, on topic related to Science & Technology.
- Appointed as University Representative (UR-1) for Ghaziabad Center (Shambhu Dayal Inter College) conducting UP CPMT Exam-2014 by Prof. A.K Singh, KGMU, Chief Co-coordinator Uttar Pradesh combined Pre-Medical Test-2014 organized by KGMU, Lucknow.
- Appointed as Observer, UP. B.Ed.-2020 by Prof. Dhruv Sen Singh, Chief Co-coordinator UP. B.Ed. JEE-2020 organized by Lucknow University.
- Recently appointed as co-editor in “Nav- Antyodaya” Magazine (Publication of Deen Dayal Upadhyaya Seva Nyas).
- Recently published two articles in “Sewa Chetna” (Publication of Bhau Rao Devras Sewa Nyas) UGC N0-2728-64024, ISSN-2231-4660.

**Date:**

**(Dr. Shailesh Kumar Srivastava)**

**Place:**