


Dr. Santosh Kumar Tripathi

Assistant Professor

Department of Zoology

Faculty

Sr. No.	Teacher Name	Designation	Mobile Number	Photo	Profile	Resume
1.	Dr. Santosh Kumar Tripathi	Assistant Professor	9415857139			

Research and Publications

Project Title	Investigator	Funding Agency	Department	State/Central Govt.	Fund	Year	Duration
Impact of magnetization of larvae on the silk producing potential of multivoltine mulberry silkworm (<i>Bombyx mori</i> Linn.)	Dr. Santosh Kumar Tripathi	UGC	Zoology	Central Govt.	1,20,000/-	2010	18 Months
Evaluation of effect of bioactive phytojuvenoid	Dr. Santosh Kumar Tripathi	Higher Education Department of Uttar Pradesh	Zoology	State Govt.	5,00,000/-	2021	3 Years

compounds on the reproductive and silk producing potential of multivoltine mulberry silkworm (<i>Bombyx mori</i> Linn.)							
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Research Project (Last 5 Years) = 01 (Running)

Research Papers Published = 16

Books/Chapters in books and conference proceedings = 02

Profile

Personal Details:

Name: **Dr. Santosh Kumar Tripathi**

Designation: Assistant Professor in Zoology

Father's Name: Sri Suryanarayan Tripathi

Address: Department of Zoology, Mahatma Gandhi P.G. College, Gorakhpur-273001, INDIA

Mobile Numbers: +919415857139, +917905601362

E-mail Address: drsantosh_mgpg@rediffmail.com

Academic Details:

Education:

Ph.D. in Zoology (Sericulture), 2005

Deen Dayal Upadhyay Gorakhpur University, Gorakhpur-273009, India

Topic of Research: Influence of magnetic field on certain biochemical constituents and economic characters of multivoltine mulberry silkworm (*Bombyx mori* Linn.)

Supervisor: Prof. V.B. Upadhyay

M.Sc. in Zoology (Entomology), 2000

Mahatma Gandhi P.G. College, Gorakhpur-273001(Affiliated with Deen Dayal Upadhyay Gorakhpur University, Gorakhpur-273009, India)

B.Sc. in Zoology, Chemistry and Botany, 1998

Buddha P.G. College, Kushinagar (Deen Dayal Upadhyay Gorakhpur University, Gorakhpur-273009, India)

Research Area of Interest: Sericulture

Experience:

Member of Proctorial Board

2007- Till Date

Mahatma Gandhi P.G. College, Gorakhpur-27300, India

Member of Admission Committee of B.Sc. and M.Sc. Classes 2006-Till Date

Mahatma Gandhi P.G. College, Gorakhpur-273001, India

Member of IQAC Committee

2021- Till Date

Mahatma Gandhi P.G. College, Gorakhpur-27300, India

Participated and obtained “A” Grade in the *98th Orientation Programme from 23.08.2014 to 19.09.2014* held at Academic Staff College, DDU Gorakhpur University, Gorakhpur-273009, U.P., India .

Participated and obtained “A” Grade in the *119th Faculty Induction Programme from 28.01.2021 to 26.02.2021* held at UGC Center, DDU Gorakhpur University, Gorakhpur-273009, U.P., India

Research Project:

Received a **Minor Research Project** funded by UGC, New Delhi, F.No. 8-1(135)/2010/(MRP/NRCB) and successfully completed.

Received a **Minor Research Project** in 2021 funded by Higher Education Department of UP Government under Research and Development Scheme

Publications:

List of Research Papers Published in Journals of National and International repute:

1. Upadhyay, V.B. and **Tripathi, S.K.** (2005). Magnetic field influences protein content in larvae and pupae of *Bombyx mori* (Linn.) . *Journal of Applied Bioscience*, **31** (2) : 160 – 165 . Print ISSN: 0975-685X, e-ISSN: 0975-864X
2. **Tripathi, S.K.** and Upadhyay V.B. (2005) Magnetization of eggs influences the incubation period of multivoltine mulberry silkworm (*Bombyx mori* Linn.) eggs. *Journal of Advanced Zoology*, **26** (1): 24-28 . ISSN: 0253-7214
3. Upadhyay, V.B. and **Tripathi, S.K.** (2005) Magnetization of eggs influences the reproductive potential of multivoltine mulberry silkworm (*Bombyx mori* Linn.). *Indian Journal of Sericulture*, **44** (2): 212-214. ISSN: 0445-7722
4. Upadhyay, V.B. and **Tripathi, S.K.** (2006) Effect of magnetization of eggs on the silk producing potential of multivoltine mulberry silkworm (*Bombyx mori* Linn.), *Sericologia*, 46(3):269-278. ISSN: 0250-3980
5. Upadhyay, V.B., **Tripathi, S.K.** and Prasad S. (2007) Influence of magnetization on the shell ratio of multivoltine mulberry silkworm (*Bombyx mori* Linn.), *Pakistan Journal of Zoology*, 39(5):345-347. ISSN: 0030-9923
6. **Tripathi, S.K.** (2010) Influence of magnetic field on the silk producing potential of *Bombyx mori*: A multivoltine mulberry silkworm. *Journal of Advance Zoology*, 31(2): 105-110. ISSN: 0253-7214
7. Shukla, S.K., **Tripathi, S.K.** and Upadhyay V.B. (2011) Larval and pupal performance changes under magnetic exposure of eggs in *Bombyx mori*: A multivoltine mulberry silkworm. *Journal of Applied Bioscience*, **37**(2): 154-160. Print ISSN: 0975-685X, e-ISSN: 0975-864X
8. **Tripathi, S.K.**, Shukla S.K., and Upadhyay V.B. (2011) Shell ratio changes under magnetic exposure of eggs in *Bombyx mori*: A multivoltine mulberry silkworm. *Academic Journal of Entomology.*, **4**(2): 47-50. ISSN: 1995-8994
9. **Tripathi, S.K.**, Shukla S.K., and Upadhyay V.B. (2012) Impact of magnetization of eggs on the free amino acids content in the silk gland, fat body and haemolymph of *Bombyx mori* var. *nistari* larvae. *World Journal of Zoology*, 7(1): 47-54. ISSN: 1817-3098
10. **Tripathi, S.K.** (2012) Protein level changes under magnetic exposure of larvae in *Bombyx mori*: A multivoltine mulberry silkworm. *Academic Journal of Entomology*, **5**(2): 73-80. ISSN: 1995-8994

11. **Tripathi, S.K.**, Shukla S.K., and Upadhyay V.B. (2013) Acid phosphatase activity changes under magnetic exposure of eggs in *Bombyx mori*: A multivoltine mulberry silkworm. *World Journal of Zoology*, **8**(4): 407-414. ISSN: 1817-3098
12. **Tripathi, S.K.** and Shukla S.K., (2017) Alkaline phosphatase activity changes under magnetic exposure of eggs in *Bombyx mori*: A multivoltine mulberry silkworm. *World Journal of Zoology*, **12**(2): 34-41. ISSN: 1817-3098
13. **Tripathi, S.K.** (2021) Effect of magnetic exposure of eggs on DNA contents in the larvae and pupae of *Bombyx mori*. *Journal of Entomology*, **18**: 29-36. ISSN:1812-5670
14. Shukla, S.K., **Tripathi, S.K.** and Avtar, R. (2021) Efficacy of Punarnava (*Boerhaavia diffusa* Linn.) alternative remedy for kidney problems. *Aryavart Sodh Vikash Patrika*, **14**(21): 32-35, ISSN:2347-2944
15. Shukla, S.K., M.K. Mishra and **Tripathi, S.K.** (2021) Use of bioinsecticide against stored grain pest. *Interdisciplinary Journal of Contemporary Research*, **8**(9): 233-238, ISSN : 2393-8358.
16. **Tripathi, S.K.** (2022) Efficacy of bioactive phytojuvenoid compounds on the reproductive potential of *Bombyx mori*. *Journal of Applied Bioscience*, **48**(1): 68-74. ISSN (Print) 0975-685X, ISSN (Online) 0975-864X

Chapter in Edited Book:

1. Shukla, S.K., Avtar, R. and **Tripathi, S.K.** (2008) An ecofriendly approach to combat the insect pest through some natural pesticides occurring in rural area of Eastern U.P., *Proceeding: Development of rural economic and social infrastructure: Need and Challenges*. M. M. M. Post Graduate College, Bhatpar Rani, Deoria, U.P., India.

Conferences/Seminars/Workshop:

Papers Presented in Seminars/Conferences/Symposia:

Papers Presented in Seminars/Conferences/Symposia

International:

2. International symposium on *current issues in Zoology and Environmental Science*, organized by Department of Zoology (Environmental Science) and Biotechnology, DDU Gorakhpur University, Gorakhpur, U.P. in collaboration with the Indian Academy of Environmental Sciences, Haridwar, U.P. India on 11-13 November, 2006
3. International conference on *Hormony-2013*, organized by Department of Zoology, Environmental Science and Biotechnology, DDU Gorakhpur University, Gorakhpur,

U.P. in collaboration with the National Environmental Association, Rachi, India on 11-13 November, 2013

National:

1. National seminar on *Emerging trends of teaching and research in life sciences*, organized by P.G. Department of Zoology, Mahatma Gandhi P.G. College, Gorakhpur on March 6-7, 2006.
2. National conference on *Sustained plant productivity: The second green revolution*, organized by Department of Botany, Mahatma Gandhi P.G. College, Gorakhpur on February 26-27, 2007.
3. National conference on *Pest Management: Retrospect and future prospect*, organized by P.G. Department of Zoology, Mahatma Gandhi P.G. College, Gorakhpur on December 6-7, 2008.
4. National conference on *Climate change, Biodiversity and Conservation*, organized by Department of Botany, St. Andrew,s College, Gorakhpur on February 16-17, 2011.
5. National symposium on *Advances in Zoology and Environmental Sciences*, organized by Department of Zoology, DDU Gorakhpur University, Gorakhpur, U.P. India on March 13-14, 2013.
6. National seminar on *current issues in Zoology and Environmental Science*, organized by Department of Zoology, Marwar Business School, Gorakhpur on March 24-25, 2014.
7. National conference on *Biodiversity, Climate change, Adaptation-Current Status Trends and policy Responces*, organized by Department of Botany, held at St. Andrew,s College, Gorakhpur on December 3-4, 2014.
8. National conference on *Current issue in Zoology and Environmental Sciences*, organized by Department of Zoology, Marwar Business School, Gorakhpur on March 24-25, 2014.
9. National conference on *Climate change, medicinal plants and public health: Strategizing an Ethnobotanical-Social resilience*, organized by Department of Botany, held at St. Andrew,s College, Gorakhpur on January 27-28, 2016.
10. National conference on *Man and Biosphere*, organized by Department of Zoology, Marwar Business School, Gorakhpur on February 9-10, 2016.
11. National conference on *Changing environment, plants, diseases and human health vulnerability and impact assessment for adaptation to climatechange: the road to*

future organized by Department of Botany, held at St. Andrew,s College, Gorakhpur on November 09-10, 2017.

12. National conference on ***Challenges of environmental problems in 21st century***, organized by Department of Zoology, Marwar Business School, Gorakhpur on March26-27, 2017.
13. One day seminar on ***Intellectual property Right & its protection*** sponsored by Council of Science & Technology, organized by Mahatma Gandhi P.G. College, Gorakhpur on March-28, 2017.
14. National conference on ***Plant science research in 21st century: Challenges & Strategies***, organized by Department of Botany, Saraswati Vidya Mandir Mahila P.G. College, Arya Nagar, Gorakhpur on February 2-3, 2018.
15. **Insecticides use in insect pest control and its adverse effect in environment**, National conference on "Local Environmental changes have global effects (LECGE- 2019), 25-26 May, 2019

Workshop attended:

1. Participated in a Workshop on "**Tool and Technique in Life Sciences**" organized by Department of Zoology, DDU Gorakhpur University, Gorakhpur.
2. Participated in first Uttar Pradesh Science Congress, Theme: ***Science for shaping the future of Uttar Pradesh***, organized by DDU Gorakhpur University, Gorakhpur, U.P.India on March 2-4, 2013.