

RESUME

- 1. Name** Dr. Manisha Tripathi
- 2. Father's Name** Mr. Amar Nath Tripathi
- 3. Address** C/o Dr Pankaj Tripathi
323/7, Alopri Bagh,
Allahabad.
Mobile No.- 9454948250
- 4. Date of Birth** 22-08-1979



5. Academic qualifications

Examination	Division	Year	Percentage	Board/University
D.Phil*	-	2007	-	University of Allahabad
CSIR -UGC NET (LS)	-	2002	-	CSIR-UGC
M.Sc**(Zoology)	First	2001	67.2	University of Allahabad
B.Sc	First	1999	69.2	University of Allahabad
Intermediate	First	1996	66	U.P.Board
High School	First	1994	65.5	U.P.Board

* Title of thesis: "Genetic variation in house fly *Musca domestica* (Muscidae: Diptera)"

** Animal Cytogenetics special paper in the M.Sc final year. Placed 6th in order of merit among successful candidates.

6. Work Experience

Teaching- Thirteen years

As lecturer in the Department of Zoology, Iswar Saran Degree College, Allahabad (from Nov. 2002-till date under Self finance scheme).

Research- Thirteen years

7. Participation in College Administration

Head, Department of Zoology
Assistant Dean, Faculty of Science
Member, SC ST Cell
Member, Internal Quality assurance Cell (IQAC)
Member, Women Cell

- 8. Research papers published
In Journals - (07)** See annexure-I
- Chapter published in Book (01)** See annexure-I
- Research papers presented
at seminars and conferences(11) :** See annexure-I
- Awards received in Symposia (02) :** See annexure-I
- Participation in workshops /
Training courses (13) :** See annexure-I
- Seminar/symposium attended (10) :** See annexure-I
- Participation in workshops as :
Rapporteur (03)** See annexure-I
- 9. Participation in Refresher Course (01):** See annexure-I
- 10. Conducted Lectures for B.Sc. Students:** See annexure-I
- 11. Membership in Professional Societies-**
- Life member of The Indian Science Congress
 - Life member of The Biotech Research Society (BRSI)
 - Life member of The Institute of Applied Sciences (IASc)

Papers published in Journals

1. M. TRIPATHI., R.R. TEWARI AND U.R.AGRAWAL (2010): Genetic variation in house fly *Musca domestica* (Diptera : Muscidae) from Allahabad,India).Proc. Nat. Acad. Sciences, India (Biological Sciences) **80** (1) : 24-29. ISSN No- 0369- 8211,(Impact factor 0.33)
2. M. TRIPATHI., U.R.AGRAWAL AND R.R. TEWARI (2011): Seasonal genetic variation in house fly populations, *Musca domestica* (Diptera: Muscidae). Cell. Mol. Biol. **57**(1): 129-134. ISSN No- 1165 – 158X, (Impact factor 1.46)
3. M. TRIPATHI., U.R.AGRAWAL., J. TRIPATHI AND R.R. TEWARI (2012): Spatial genetic variation in house fly populations, *Musca domestica* (Diptera: Muscidae). Int J Pharm Bio Sci. **3** (4): 927 – 934. ISSN No- 0975 – 6299, (Impact factor 2.958).
4. TRIPATHI M, AGRAWAL U.R., AND TRIPATHI J.(2013): Allozyme variation in house fly populations, *Musca domestica* from Allahabad, India. International Research Journal of Biological Sciences. **2** (11): 37-40. ISSN No – 2278 – 3202(Impact factor 1.12).
5. JAYA TRIPATHI, UMA RANI AGRAWAL, MANISHA TRIPATHI AND RAGHAV RAM TEWARI (2013): Tissue tolerance to heat and cold shock in larvae of *Sarcophaga ruficornis* (Sarcophagidae: Diptera). Journal of Entomology and Zoology Studies. **1**(6): 7-10 ISSN No – 2320 – 7078.
6. JAYA TRIPATHI, UMA RANI AGRAWALI, MANISHA TRIPATHI AND RAGHAV RAM TEWARI (2014): Effect of Sodium azide on larval tissues of a dipteran fly, *Sarcophaga ruficornis* (Sarcophagidae). Journal of Entomology and Zoology Studies.**2** (2): 87-90. ISSN No – 2320 – 7078.
7. TRIPATHI M, AGRAWAL U.R., AND TRIPATHI J.(2015): Electrophoresis Analysis in two groups of enzymes of *Musca domestica* L. (Diptera: Muscidae). International Research Journal of Biological Sciences. **4** (10): 20-23. ISSN No – 2278 – 3202(Impact factor 1.12).

Chapter Published in Book

8. JAYA TRIPATHI AND MANISHA TRIPATHI (2014) “Application of Biotechnology in Animal Production”in Innovative and Modern Technologies for Sustainable Agriculture and Rural Development published by Society of Biological Sciences and Rural development, Allahabad, ISBN No.978 - 81 - 923494 - 3 – 5; 271-274.

Papers presented/ published in Seminars/ International conferences/ Symposia

1. MANISHA TRIPATHI and R.R.TEWARI Department of Zoology, University of Allahabad, Allahabad “Genetic characterization of esterase(EST) in house fly *Musca domestica* (Muscidae: Diptera)” 74th annual session of National Academy of Sciences, India held at Jaipur from December,2-4,2004.

2. MANISHA TRIPATHI and R.R.TEWARI Department of Zoology, University of Allahabad, Allahabad “Acid phosphatase (ACPH) isozyme in *Musca domestica* (Muscidae: Diptera)” 74th annual session of National Academy of Sciences, India held at Jaipur from December,2-4,2004.
3. MANISHA TRIPATHI and R.R.TEWARI Department of Zoology, University of Allahabad, Allahabad “A study of isozyme pattern in house fly *Musca domestica* (Muscidae: Diptera)”The National Academy of Sciences, India, 76th annual session, Mumbai from October, 6-8, 2006.
4. SAUMYA SRIVASTAVA, MANISHA TRIPATHI and R.R.TEWARI Department of Zoology, University of Allahabad, Allahabad “Geographical variation of allozyme patterns in house fly *Musca domestica* (Muscidae: Diptera)” The National Academy of Sciences,India, 77th annual session , Mysore from December, 6-8, 2007.
5. MANISHA TRIPATHI¹, UMA RANI AGRAWAL² and R.R.TEWARI¹ ¹Department of Zoology, University of Allahabad, Allahabad, ²Department of Zoology, CMP Degree College,Allahabad “Seasonal genetic variation in house fly populations *Musca domestica* (Diptera:Muscidae)” Emerging Trends in Biochemistry, Department of Biochemistry University of Allahabad, Allahabad from January 23-24, 2010.
6. MANISHA TRIPATHI and JAYA TRIPATHI Department of Zoology, Iswar Saran Degree College, Allahabad. “Bioremediation: A Biotechnological approach to clean the environment.” Impact of environmental changes on human life, Department of Zoology, S. S. Khanna Degree College, Allahabad. from November 20-21, 2010.
7. JAYA TRIPATHI and MANISHA TRIPATHI Department of Zoology, Iswar Saran Degree College, Allahabad. “Biological effect of radiation.” Impact of environmental changes on human life, Department of Zoology, S. S. Khanna Degree College, Allahabad. from November 20-21, 2010.
8. MANISHA TRIPATHI and JAYA TRIPATHI Department of Zoology, University of Allahabad, Allahabad, “Spatial genetic variation in house fly populations *Musca domestica* L. (Diptera:Muscidae)” in the section of Animal Veterinary and Fishery Sciences 98th Indian Science Congress held at Chennai from January 3-7, 2011.
9. MANISHA TRIPATHI and JAYA TRIPATHI Department of Zoology, Iswar Saran Degree College, Allahabad. “Ultrastructure of Chromosome:Packaging of DNA as nucleosomes in eukaryotes.”Advanced Biology: Emerging trends in Biological Galaxy. Department of Zoology, C.M.P. Degree College, Allahabad, from October 6-7, 2012.

10. JAYA TRIPATHI and MANISHA TRIPATHI Department of Zoology, Iswar Saran Degree College, Allahabad. "Congenital malformation: Etiology, Diagnosis and Prevention." Advanced Biology: Emerging trends in Biological Galaxy. Department of Zoology, C.M.P. Degree College, Allahabad, from October 6-7, 2012.
11. MANISHA TRIPATHI Department of Zoology, Iswar Saran Degree College, Allahabad. National Symposium on "Innovative and Modern Technologies for Sustainable Agriculture and Rural Development" Society of Biological Sciences and Rural Development, Allahabad, October 19-20, 2013.

Awards received in Symposia

1. Got consolation prize in Symposium held at Biochemistry department Allahabad under Best Poster Competition (2010).
2. Got Best Poster Award in Symposium held at Vigyan Parishad, Allahabad under Best Poster Competition (2013).

Participation in workshops/Training Courses

1. Course on "Certificate in Computer Application" conducted by Institute of Professional studies, University of Allahabad, Allahabad, August 2002.
2. Course on "Basic Training in Animal Tissue and Cell Culture" held at Centre for Biotechnology, University of Allahabad, Allahabad from Oct. 15-18 2003.
3. Seminar-cum-Workshop on "Techniques in Molecular Biology and Genotoxicity" held at Department of Zoology, University of Allahabad, Allahabad from March 17-20, 2007.
4. Seminar-cum –Workshop on "Emerging Trends in Molecular Biology" held at Department of Zoology, University of Allahabad, Allahabad. from March 23-25, 2009.
5. "Interactive workshop on Biotechnology" held at Allahabad, jointly organized by The National Academy of Sciences, India, (NASI) and Department of Biochemistry, University of Allahabad, Allahabad. from May 09-10, 2010.
6. Workshop on "Characterization Techniques in Nanotechnology" held at Allahabad, organized by The National Academy of Sciences, India, (NASI) from Feb. 12-13, 2011.
7. Symposium and workshop on "Molecular Genetics and Environmental Genotoxicity" held at Department of Zoology, University of Allahabad, Allahabad. from February 3 - 5, 2012.

8. Workshop on “Defining the Role of Women Scientists and Teachers in Promotion and Application of Science and Technology” held at Allahabad, organized by The National Academy of Sciences, India, (NASI) from October 5-6, 2012.
9. Workshop on “Empowerment of Women using Environmentally Sustainable Technologies” held at Allahabad, organized by The National Academy of Sciences, India, (NASI) from June 5-6, 2013.
10. Awareness Workshop for Rajat Jayanti Vigyan Sancharak Fellowship, 2013-14, organized in the North India by The National Academy of Sciences, India, (NASI) on September from September 30, 2013.
11. Sensitization Workshop on Administrative Responsibilities for the implementation of Societal Research Fellowship (SoRF)-DST, New Delhi: organized by The National Academy of Sciences, India, (NASI) from March 21, 2014.
12. Workshop on “Personality Development and Language Skills” for girl students jointly organized by the Women Cell and the Language Center of the I. S. D. College from December 12 – 19, 2012.
13. Workshop on “Personality Development and Language Skills” for girl students jointly organized by the Women Cell and the Language Center of the I. S. D. College from December 12 – 19, 2013.

Seminars/ Symposia/ attended

1. National Symposium on “Ecology and Biodiversity of Aquatic Environments” (SEBAE) Department of Zoology, University of Allahabad, Allahabad, 15 -17 Feb, 2003.
2. Seminar on “Recent Trends in Computer Technology”, Iswar Saran Degree College Allahabad, Jan.11,2004
3. National Symposium on “Biodiversity Conservation and Sustainable Utilization of Bio-Resources” Department of Botany, Iswar Saran Degree College Allahabad, Marh 17-18, 2005.
4. National Symposium on “Molecular Approaches in Cytogenetics” Department of Zoology, University of Allahabad, Allahabad, Oct. 20- 22,2005
5. National Symposium on "Recent Advances in Neurobiology" Department of Zoology, University of Allahabad, Allahabad, Sept. 22-24,2006
6. National Symposium on “Biodiversity Assessment, Conservation and EcoPlanning” Department of Botany, Iswar Saran Degree College Allahabad, Jan. 11-12, 2007.

7. National Symposium on. "Recent Advances in Microbial Biofertilizer, Production and Utilization Technology" Department of Botany, Iswar Saran Degree College Allahabad, Dec. 13-14, 2007.
8. National Symposium on "Latest Development in Computer Technology" Iswar Saran Degree College Allahabad, Feb. 4 - 5, 2007.
9. National Seminar on "Role of media in War and Terrorism" Department of Defense and Strategic Studies, Iswar Saran Degree College Allahabad, Nov. 13-14, 2010.
10. International Seminar on "Sanskrit Literature and Progression of the Universe" Department of Sanskrit, Iswar Saran Degree College Allahabad, Nov. 17-19, 2012.

Participation in Refresher course

Participated in the Refresher Course in the subject - Life Sciences organized by UGC and Academic Staff College, University of Allahabad at Department of Zoology, University of Allahabad, Allahabad, from 21-03-2014 to 10-04-2014 secured grade A.

Participation in Workshops as Rapporteur

Participated as Rapporteurs in three Workshops held at The National Academy of Sciences, India (NASI) from 2013 to 2014.

Lectures conducted by the Department of Zoology

Organized and conducted some lectures of Zoology by eminent scientists for the academic benefit of B.Sc. students at the Department of Zoology, ISDC, Allahabad under the Science Extension Program, The National Academy of Sciences, India (NASI) on 15-3-2010.

(Dr.Manisha Tripathi)
Head
Department of Zoology
ISDC,Allahabad