

Name -Dr. Mrs. Shikha Shrivastava
DOB- 1.1.1967
Marital status – Married
Address Office— Indira Gandhi Government A.&.C.College , Vaishali nagar,
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Educational qualification-

	Degree	Marks/division	University	Year of passing	remarks
1	Bachelor of science	Ist div	Bhopal university , Bhopal, india	1986	16 th position in university
2	Masters of science in Zoology (Ichthyology)	Ist div	Barkatullah university Bhopal, India	1988	2 nd position in university
3.	Ph.D.		Barkatullah university, Bhopal.India	1997	

Studies of histopathological and histochemical changes induced by organochlorides and organophosphates BHC, Dimecron and Formathion on the liver stomach and intestine of Clarius batrachus and heteropneustus fossilis.

Language known—

- 1.**Hindi**—mother tongue----- can read, write & speak fluently
2. **English**-medium of education-----can read, write and speak fluently
3. **French**-Diploma from alliance franceais-can read and write. Speaking not fluent
- 4.marathi-----read and write and understand, can't speak.
- 5.bengali-----can understand,cant speak fluently

Job Description-

First appointment- 29.9.93

Through competitive exams of Public Service commission for

Assisstant professor- Zoology

Stood second in merit list

Work Experience-

More than **23 years** of teaching experience in government colleges for teaching -

1. B.Sc. Zoology
2. M.Sc. Zoology (Ichthyology)
3. Research methodology

Worked in different colleges-

1. Government college Utai, C.G.-from 29.9.93 to .1996
2. Government college Korba, C.G.-from 1996 to 2007
3. Government college Utai-from 2007 to 2009
4. Government Science college Durg-from 2009 to 2014
- 5. Government college vaishali nagar. –as HOD Zoology department-from 2014 to till now**

-**Teaching methods** includes from traditional chalk and board to modern OHP, Powerpoint methods.

-For animal **dissections** many innovative techniques are being used.

- HOD Zoology department –from 2014

-In charge HOD of Geology Department- for two years , in Government college Korba.

-Local area visits , as grass lands, Water bodies, etc are used for teaching

-**As paper setter**-for

B.Sc and M.Sc examinations

-**As answer copy valuer**-

For B.Sc and M.Sc. Level examinations

As external examiner-

-For B.Sc and M.Sc. level practical exams in Zoology and Biotechnology.

-Member admission committee of college

-Member literary committee of college

-Member syllabus committee of college

-In charge eco club of college

-Organized a state level seminar on-polythene –pollution and management in Korba.C.G.India

-Incharge science club of college

Incharge- election of college students

-Computer –workable knowledge

Member –National science congress

Judge- National science congress for children

And many other scientific competitions.

Guest lectures-

In many colleges of C.G.

Non academic experience—worked many times in general elections as probationary officer, on order of Indian government.

Research guide –for Zoology

For undergraduate students-

Guided-

1.Biodiversity in fly ash Dykes

2.Minor farming with fly ash.

For post graduate students-

1. Rotifers in Shankar Nala.
2. Protozoans in fly ash
3. Diseases in fly ash affected area- a survey.
4. Pollination template in jasminum.

P.H.D. Scholars--

1. Lekhika Shrivastava- submitted
2. Bharat Sivare- Undergoing
3. Sushma Singh- undergoing
4. Ruby alleppa- undergoing

Research projects undertaken-

A. minor preoject-

1. Flora and faunal biodiversity of bagdeva project --Rs.20,000--, completed
2. Flora and fauna in fly ash ash discharge water pond- Rs.2,00000-- completed

B. Major project-

1. Rotifers in fly ash water bodies of Chhatisgarh- Rs. 11,67000 ,-ongoing

Future plan-

1. To research on other aspects of fly ash use in aquaculture.
2. To develop alternative methods of dissection for students.

Published papers-

More than 25 national and international papers published . some are-

22.The physiochemical characteristics of fly ash discharge water pond

International journal of current microbiology and applied sciences

ISSN no. 2319-7706

Vol. 4 No. 02(2015) pg 947-955

21.Fly ash disposal and diseases in nearby villages- Survey

International journal of current microbiology and applied sciences

Vol. 4 No. 2(2015) pg 939-946

20.Phytoplanktons of Trigun pond

Global journal of applied sciences

ISSN No. 2248-9932

Vol. 4 No. 01(2014) pg 31-36

19.Phytoplanktons of river Ahiran before and after fly ash water inclusion

Life science bulletin

ISSN No. 0973-5453

18. Invertebrate fauna in flyash discharge pond

International research journal of environmental sciences

ISSN No. 2319-1414

Vol. 03(07) July 2014, pg 15-23

17. Random WBC count in fly ash affected *Clarius Batrachus*

Shodhsankalpa

ISSN No. 2277-2715

Vol. 06(02) May-July 2013, pg 20-23

16. Study on fly ash and animals

Discovery science

Vol. 02(05) Nov 2012, pg

15. Study of Physicochemical parameters of Ahran river

Shodhsankalpa

Vol. 03(01) Aug-Oct 2012, pg

14. Fly ash-few facts from Chhattisgarh

Shodhanusandhan

July 2012, pg 2-11

13.Effect of fly ash on spirogyra-Decimina Species

Elixir applied chemistry

ISSN No. 2229-1128

Vol. 43 2012, pg 6876-6818

12.Behavioral responses of Tilapia Mossambica to water polluted with fly ash from coal- A laboratory study

International journal of biology

ISSN No. 1916-9671

Vol. 03 No. 01 Jan 2011,

11.Effect of fly ash pollution on fish scales

Research journal of chemical sciences

ISSN No. 2231-606X

Vol. 01(09) Dec 2011, pg 24-28

10.Pollination template in Jasminam

Elixir Hormone and signaling

35(2011), pg 2756-2759

9.Ichthiodiversity of Amner river

National journal of life sciences

ISSN No. 0972-995X

Vol. 07(03) 2010, pg 51-54

8.Effect of fly ash on surface tension of few liquids

Journal of applied and natural sciences

ISSN No. 0974-9411

Vol. 02(02) 2010, pg 239-241

7.Detection of organic material in fly ash by Chromatographic method

Nature environment and plant technology

Vol. 08(02) 2009, pg 309-312

6.Fly ash reuse in Korba

Life Science bulletin

Vol. 05(02) 2008, pg 215-217

5.Surface fauna in reclaimed fly ash dykes at Korba

Nature environment and pollution technology

Vol. 06(04) 2007, pg. 677-680

4.Formation induced histopathological changes in the liver of Clarius Batrachus

Journal of environmental research and development

Vol. 01(03) 2007

3.Tribal dependence on fly ash in KORba

Journal of ecological anthropology

Vol. 11, 2007, pg. 69-73

2. Biodiversity in fly ash dykes

Nature environment and pollution technology

Vol. 05(04) 2006, pg. 617-620

1. Fly ash and minor farming in Korba

National journal of life sciences

Vol. 03(supplement) 2006, pg 545-547

Attended 25 national and international seminars and conferences and presented papers.

*organ On chip, International congress, 10-11 July 2017, Boston

*-International conference-Minding animals -13-20 jan 15
JNU, Delhi

*Indian science congress-Jan 15-Bombay university India

*International colloquium on endocrinology and physiology. 29-30 sept 2014,
DB girls college, Raipur.

*Alternative to dissections and animal experimentation 11-12 jan 2014
CMD college. Bilaspur

*Organic farming 29 oct 2011 Talcher orrissa

*National symposium on Chronobiology 27-29dec 2008, RSU

*International congress on environmental research, 18-20,dec, pilani, goa
campus.

*International congress of env. Research v28-30 Dec2007, Bhopal

- *International congress of Zoology 19-22 Nov.2006 Banglore university
- *Biodiversity and conservation.18-19 Nov 2006, Korba
- *Multidisciplinary application of computer science in higher education 15-16 dec. Kamla college,Korba
- *International ash utilizing symposium 22 Oct2003 Kentuky.USA
- *National seminar on changing environment and biodiversity.10-11march 2003 KGA, Raigarh
- *National symposium on Aquatic environment 15-16 feb 2003.
- *Biodiversity and resource management sept2002, NBFGR.lucknow

- *National seminar on conservation and development of aquatic res.23-24 dec 93

Workshops attended-

- *Organ on chips- Application
Boston.USA
- *Chronobiology trends and techniques.
- *Multidisciplinary approach to chronobiology

- *Trends and techniques in biotechnology

Reviewed articles for international journals-10

Resource person in 5 national seminars and workshops.

Chaired session in national conferences- 3

Invited lectures- 15

Books Published- 01

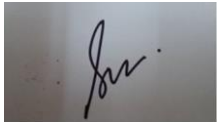
“Zoological Biodiversity in fly ash discharge water”

**Authors---- Shikha Shrivastava and Lekhika Shrivastava
Lap Lombart Publication , Germany**

Editorial Experiences-

1. Editorial board member- international journal of Ecotoxicology and Ecobiology.
2. Member- Editorial board International Science publishing group
3. Editor in College Workshop Magazine-Book of Abstracts
4. Reviewer in numerous international research journal.

Thanks



DR. SHIKHA SHRIVASTAVA

HOD ZOOLOGY

Indira Gandhi Government college , vaishali nagar,

Bhilai, C.G.

India