

Curriculum Vitae



Dr. Maya Shedpure

Name: Dr. Maya Shedpure

Date of Birth: 08 September, 1963

Present post: Principal

Institution: Rani Avantibai Lodhi Govt. College, Parpodi-491331, District: Bemetara

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Academic (M.Sc. onwards) and professional career degree/position held:

S.NO	Degree/position held	Year	University/Institution
1.	M.Sc. in Zoology	1984	Pt. Ravishankar Shukla Univ. Raipur 10 th position in Merit
2.	Lecturer, Zoology	Jan. 1985	Govt. GNA College, Bhatapara, Raipur
3.	Asst. Professor, Zoology	July 1988	Govt. D.B. Girls' P.G. College, Raipur-492001
4.	Ph.D. in Zoology	June 1995	Pt. Ravishankar Shukla Univ. Raipur-492010
5.	Professor, Zoology	Aug. 2006- Oct. 2024	Govt. D.B. Girls' P.G.(Auto.) College, Raipur-492001
6.	Principal	Nov. 2024	Rani Avantibai Lodhi Govt. College, Parpodi-491331, District: Bemetara (C.G.)

Area of Interest: Pineal biology, Chronobiology, Ethology, Biostatistics.

Award won: Teacher fellowship (UGC sponsored), 1993-1994

Recognized as Ph.D. Supervisor, Pt. Ravishankar Shukla University, Raipur, June, 2000

Principal Investigator.

1. Major Research Project (Duration 3 years from 1998-2001): Funded by Department of Science and Technology, New Delhi, entitled "Does pineal regulate circadian rhythm in air gulping behaviour of the Indian walking catfish?" Amount sanctioned: Rs. **8,40,000=00**.

2. Minor Research Project (Duration 3 years from September, 2008-11): Funded by Chhattisgarh council of Science and Technology, Raipur, entitled 'Effect of fluoride on body weight gain, gonadosomatic index and ecophysiological variables in selected edible freshwater fish'. **(1,99,800)**

3. Minor Research Project (Duration 2 years from August, 2014-2016): Funded by University Grants Commission, Bhopal. Effect of magnetic field exposure on rhythmic profile of vitellogenin and melatonin in catfish **(2,88,000)**.

Organizing Secretary/Convener:

1. National Symposium on Comparative Physiology and Endocrinology, 27-28 January, 1997

2. National Symposium on current trends in pineal research and 4thIPSG meeting, 5-7 October, 2006

3. National workshop on instrumentation and biotechniques. 09-14 September, 2013

4. International colloquium on endocrinology and physiology. 29-30 September, 2014

5. National workshop on Operation and Maintenance of Opto Analytical Laboratory Equipments in association with Western Regional Instrumentation Centre, Mumbai. 06-10.01.2020

6. National E-seminar on Quality Improvement Strategies in Higher Education Institutes. 19.09.2020

7. Hands on workshop on Operation and Maintenance of Opto Analytical Laboratory Equipments in association with Western Regional Instrumentation Centre, Mumbai. 11-15.12.2023

8. Hands on workshop on computer repair and training in association with Western Regional Instrumentation Centre, Mumbai. 11-15.12.2023

Life member, Indian Society for Chronobiology, 1993-present

Life member, Indian Society for Environmental Endocrinology, 1994-present

Life member, Journal of Parasitology and Applied animal biology, 1997-present

Life member, Society for Ecological and Environmental Development, 1994-present

Life member, Indian Society for Comparative Endocrinology, 2010-present

Member, Board of Studies Zoology, Govt. Science College, Durg, 2010-2012

Member, Board of Studies Zoology, Govt. Science College, Raipur, 2012-2014

Member, Board of Studies Zoology, Govt. Girls' College, Bilaspur, 2012-2014

Chairperson Board of studies Zoology, Pt. Ravishankar Shukla University, 2014-2017

Member academic council, Pt. Ravishankar Shukla University, 2014-2017

Member executive council, Pt. Ravishankar Shukla University, Raipur, 2014-2017

Coordinator, IQAC, Govt. D.B. Girls' P.G. College, Raipur 2004-2008; January 2019-June 2021

Country visited (academic): Germany, France, Italy, Switzerland, Thailand, Hongkong

Ph.D. awarded:

1. Ms. Yogita Yadu (1998-2003). Effect of pinealectomy in regulation of circadian rhythm in air-gulping activity in *Clarias batrachus*
2. Ms. Richa Tikariha (2002-2006). Regulatory role of melatonin on the surfacing activity in freshwater catfish, *Clarias batrachus*
3. Ms. Swati Sahu (2004-2008). Role of pineal and eyes in the regulation of temporal organization of air-breathing rhythm in an Indian catfish, *Clarias batrachus*
4. Mr. Manoj Mahapatra (2004-2008). Residual fluoride toxicity to community ecosystem
5. Ms. Neha Jain (2007-2011). Effect of magnetic field exposure on some physiological variables in *Clarias batrachus*
6. Ms. Preeti Karanjgaonkar (2013-2019). Effect of sleep on the level of salivary melatonin in human
7. Ms. Mamta Ratre (2013-2020). Effect of different melatonin containing plant food on plasma melatonin and vitellogenin rhythm in relation to ovarian cycle in female *Clarias batrachus*

Academic contribution:

1. Publications (Number):

Books (06)

Research Paper (32)

General articles (07)

Conference paper(61)

2. Conference attended: National (51), International (10)

3. Invited talk delivered in national and international conferences (27)

4. Guest lecture delivered (21)

5. Chaired the scientific session in national/international conferences (20)

6. Ph.D. Guidance: Ph.D. awarded: 07

7. Ph.D. thesis valuation: 05

8. Key contribution:

Established a well equipped air-conditioned chronophysiology laboratory in the department of zoology, Govt. D.B. Girls' P.G.College, Raipur (sponsored by DST, New Delhi in the form of major research project

Established collaboration of the laboratory with Warsaw University, Poland; Visva bharti University, Santiniketan; Banaras Hindu University, Varanasi, RTM University, Nagpur; Pt. Ravishankar Shukla University, Raipur, Western Regional Instrumentation Centre, Mumbai

9. Convener of organizing committee for Conference/workshop: National 05, International 01

Member, advisory board for conferences/symposium: National 08; International 04

10. Principal Investigator: Major research project (01); Minor research project (02)

11. Academic Membership:

Executive body member: Executive council, Indian Society for Comparative Endocrinology, 2012-present

Secretary, Indian Pineal Study group, 2002-present