

PERSONAL PROFILE



<i>Name of the professor</i>	:	<i>Dr. Seema Gupta</i>
<i>Present Post</i>	:	<i>Professor & Head</i>
<i>Subject</i>	:	<i>Zoology</i>
<i>Date of birth</i>	:	<i>02-02-1962</i>
<i>Date of first appointment</i>	:	<i>07-12-1984</i>
<i>Type of appointment and confirmation</i>	:	<i>Adhoc-Regular, 22-06-1987</i>
<i>Qualification</i>	:	<i>B.Sc 1981 (1st class)</i>
		<i>M.Sc Zoology 1983 (1st class)</i>
		<i>Ph.D. 1998 (Fish Physiology, Chronobiology)</i>
<i>Field of specialization</i>	:	<i>Ichthyology</i>
<i>Field of interest</i>	:	<i>Chronobiology and Immunology</i>
<i>Date of completion of probation period</i>	:	<i>22.06.1989,</i>
<i>Date of obtaining senior scale</i>	:	<i>22.06.1995,704/288/a.u.si/go.k./96,9.12.03</i>
<i>Date of obtaining selection grade</i>	:	<i>27.07.1998,3295/san.u.shi./2003,16.7.2003</i>
<i>Date & order for post of professor</i>	:	<i>19.08.2006, F-1-03/2006/38</i>
<i>No. of refresher course</i>	:	<i>03 Refresher courses</i>
<i>Orientation course</i>	:	<i>01 Orientation courses</i>
<i>No. of published papers</i>	:	<i>33</i>
<i>No. of Conference papers</i>	:	<i>21</i>
<i>No. of research articles</i>	:	<i>02</i>
<i>No. of research project</i>	:	<i>02 (1996-1998, 2011-13)</i>
<i>No. of conferences/Workshop attended</i>	:	<i>41</i>
<i>No. of Ph.D. awarded</i>	:	<i>03 (2013, 2015, 2018)</i>
<i>No. of student in Ph.D. Course work</i>	:	<i>01</i>

IQAC Co-ordinator : from 21.5.2014- 31.1. 2018

Coordinator of Quality circle of Raipur District from 2014-2017

Details of Conference/ workshop Attended

1. *Seminar on Awareness Building program against drug Abuse. Department of psychology, Pandit Ravishankar Shukla University, Raipur, February 20-21, 1990.*
2. *National Symposium on Comparative Physiology & Endocrinology. Department of Zoology, Govt. D.B. Girls P.G. College, Raipur, January 27-28, 1997.*
3. *National science day. Pandit Ravishankar Shukla University, Raipur, February 28, 1998.*
4. *National Symposium on Recent Advances in Pineal Research. Department of Zoology, Govt. NPG College of Science, Raipur, February 5-7, 1999.*
5. *National conference on Innovation and Prospects in Life Sciences. School of life sciences, Pandit Ravishankar Shukla University, Raipur, December 14-16, 2002.*
6. *12th Annual National conference of A.M.B.I. Pt. J.N.M. Medical College, Raipur, November 5-7, 2004*
7. *National Symposium on biodiversity: Current status and Prospects. School of life sciences, Pandit Ravishankar Shukla University, Raipur, October 17-18, 2005.*
8. *Symposium on biotechnology in future Medicine. Department of Biochemistry, Pt. J.N.M. Medical College, Raipur, July 25, 2006.*
9. *National symposium on current trends in Pineal Research & 4th IPSP Meeting. Department of Zoology, Govt. D.B. Girls P.G. College, Raipur, October 5-7, 2006.*
10. *Symposium on "Stem cell- in future medicine". Department of Biochemistry, Pt. J.N.M. Medical College, Raipur, July 25, 2007.*
11. *National seminar cum workshop on quality enhancement in higher education and NAAC Assessment, Government Science college, Raipur, February 1-2, 2008.*
12. *National Seminar on Botanical Research: Present Scenario & Future Prospects. Department of Botany, Govt. NPG College of Science, Raipur, January 29-30, 2008.*
13. *Symposium on trends in regenerative & Molecular medicine. Department of Biochemistry, Pt. J.N.M. Medical College, Raipur, July 25, 2008.*
14. *National workshop on application of remote sensing Technology in regional strategic planning and Management. Department of Defense studies, Govt. NPG College of Science, Raipur, September 10-11, 2008.*
15. *National seminar on Medicinal value of drugs extracted from Chhattisgarh forest. Department of Chemistry, Govt. NPG College of Science, Raipur, October 17-18, 2008.*
16. *National Symposium on Chronobiology. School of life sciences, Pandit Ravishankar Shukla University, Raipur, December 27-29, 2008.*
17. *Madhya Kshetriya Vigyan Sammelan, Mahakaushal Vigyan Parishad & Govt. Home Science and Science College, Jabalpur, Feb. 21-22, 2009.*

18. *National Seminar on Environmental protection and preservation: Role of academic community, Department of chemistry, Botany & Zoology, Govt. Bilasa Girls Autonomous P.G. College, Bilaspur, February 27-28, 2009.*
19. *Symposium on Biotechnology in Future Medicine. Department of Biochemistry, Pt. J.N.M. Medical College, Raipur, July 25, 2009.*
20. *National conference on Emergence of Modern Biotechnology and its application. Department of microbiology & biotechnology, St. Thomas college, Bhilai, December 10-11, 2009.*
21. *International conference on vedic Science and its applications, Chhattisgarh vigyan Bharti , AkhilBhartiyaPeethParishad, Puri, November 20-21, 2010.*
22. *4th International congress on sickle cell disease. Pt. J.N.M. Medical College, Raipur. November 22-27, 2010*
23. *National conference on "Frontiers of New Biology". Department of Microbiology & Biotechnology, St. Thomas College, Bhilai, December 9-10, 2010.*
24. *Symposium on "cell Therapy", Pt. DeendayalUpadhyaycentre for genetic diseases & molecular biology, Department of biochemistry, Pt. J.N.M. Medical College, Raipur. July 25th, 2011*
25. *National conference on "Bioresources its implication, alteration and management for the welfare of the living kingdom". Department of biotechnology & Zoology .Government V.Y.P.T. Autonomous College, Durg, October 11-12, 2011.*
26. *National conference on "Advances in Biological Sciences". School of Life Sciences, Pt. RaviShankarshukla University, Raipur, November 5-7 2011*
27. *State level seminar on "Effect of global climatic change on biodiversity & conservation". Department of Zoology, Govt. Digvijay Autonomous College, Rajnandgaon December 21, 2011*
28. *National conference on " Importance of medicinal plants in toxicology and reproductive endocrinology - A Perceptive". Department of Zoology, BhilaiMahilaMahavidyalaya, Bhilai, January 20-21, 2012*
29. *National Symposium on Zoological Sciences " Recent challenges and its application in medical research" Department of Zoology, Guru Ghasidas University, Bilaspur, February 3-4, 2012*
30. *National Seminar on "Changing Environment and its impact on Biodiversity" Department of Botany. Govt. D.B. Girls' P.G. College, Raipur, October 11-12, 2012.*
31. *National Seminar on "Application of Mathematics in different fields of Science" Govt. Nagarjuna P.G. College of Science, Raipur Oct.12-14, 2012,*
32. *National conference on "Conservation of Biodiversity in India, Some Issues". Department of Botany, Arts & Commerce Girls College, Devendra Nagar, Raipur October 16-17, 2012.*
33. *Symposium on Role of bioinformatics in Medicine. Department of Biochemistry, Pt. J.L.M. Medical College, Raipur. July 25th, 2013*

Workshop attended

1. *Workshop on molecular biology Hi-media, Department of Botany, Govt. NPG College of Science, Raipur, August 24-27, 2011.*
2. *National workshop on Department of Defense Studies, Govt. NPG College of Science, Raipur, Sept. 2013.*

3. *National workshop on application of remote sensing and GIS in Geology. Department of geology, Govt. NPG College of Science, Raipur, 30-31st January, 2014.*

Papers Published by Dr. Seema Gupta in refereed journals

1. *Pati, A.K., Gupta, S. and Maheshwari, R. (1998): Optoelectronic device, a useful tool to record surfacing behavior in air-breathing fishes. Current science, 74: 146-149. IF- 0.967, ISSN 0011-3891*
2. *Gupta, S. and Pati, A.K. (1998): Effect of surfacing prevention and unilateral removal of air-breathing organs on opercular frequency in an Indian air-breathing catfish, Clariasbatrachus (Linn.). Indian Journal of Animal Sciences, 68(9): 997-999. IF-0.174, ISSN- 0367-8318*
3. *Pati, A.K., Maheshwari, R. and Gupta, S. (1998): Opercular activity and temporal organization of surfacing behavior in Indian catfish, Clariasbatrachus and Heteropneustesfossilis. Biological Rhythm research, 28: 75-85. IF 0.695, ISSN -0929-1016*
4. *Maheshwari, R., Pati, A.K. and Gupta, S. (1999): Annual variation in air-gulping behavior in two Indian siluroids, Heteropneustesfossilis and Clariasbatrachus. Indian Journal of Animal sciences, 69(1): 66-72, IF-0.174, ISSN- 0367-8318*
5. *Gupta, S. and Pati, A.K. (2000): Effects of metabolic hormones on surfacing behavior in an Indian catfish, Clariasbatrachus. In "Chronophysiology" (M. shedpure, ed.), Pt. RSU, Raipur, pp. 123-148.*
6. *Gupta, S., Mishra, P., Pandey, A.K. and Verma, R. (2009): Effect of Cynodondactylon on blood parameters of Indian walking catfish, Clariasbatrachus. Life science Bulletin, 6(3): 405-410. ISSN- 0973-5453 IF-0.0*
7. *Gupta, S. and Mishra, P. (2009): In vitro antimicrobial activity of ecliptaalba. National J. of life Sciences, 6(3): 283-286.*
8. *Seema Gupta and Preeti Mishra (2011): Role of immune-modulatory plants in Pisciculture. Asian J. of Bioscience, 6(1): 147-151. ISSN 0973-4899*
9. *D.S., Porte and Gupta, S. (2012): Avian fauna of Govt. Nagarjun P.G. College of science, Raipur (C.G.) Journal of Ecobiotechnology, 4(2): 226-227.*

10. Seema Gupta and Preeti Mishra (2012): Seasonal variation in blood parameters of African airbreathing catfish, *Clarias gariepinus*. *The Asian Journal of Animal Science* 7(1) 19-22. ISSN-0973-4791
11. Kiran Iata Damle and Seema Gupta (2012): Biodiversity of mites in poultry dust at Rajnandgaondistrict in Chhattisgarh, India. *Research Front*, 1: 98-101.
12. Jurry, R., Gupta, S. and Mishra, P. (2013): Preliminary phytochemical screening of *A. aspara* L. *Asian J. of Chem. and Environ. Res.*, 6(1-2), 105-110.
13. Jurry, R., Gupta, S. and Mishra, P. (2013): Phytochemical screening of *C. dactylon*. *Asian J. of Chem. and Environ. Res.*, 6(1-2): 17-21.
14. Mishra, P. and Gupta, S. (2013): Effect of leaf extract of *E. alba* on haematology of *C. batrachus*. *Asian J. of Animal Science*, 8(2), 73-80.
15. Preeti Mishra and Seema Gupta (2013): Blood booster plant and Fishes: A review. *Research front Vol.III*, 71-76.
16. Preeti Mishra and Seema Gupta (2013): Phytochemical screening of *Ecliptaalba*. *Asian J. of Animal Science*, 8(2), 112-114.
17. Devendra Singh Porte and Seema Gupta (2013): A preliminary investigation on avifaunal biodiversity with special reference to Asian Openbill (*Anastomus oscitans*) at Ratanpur (Chhattisgarh, India). *Asian J. of Chem. and Environ. Res.*, 6: 26-33.
18. Mishra, P., Gupta, S. and Jurry, R. (2013): Haematopoietic effect of stem extract of *E. alba* on *C. batrachus*. *Asian J. of Chem. and Environ. Res.*, 6: 73-79.

Papers at Conferences

1. Maheshwari, R. and Gupta, S. (1996): Temporal organization of surfacing behaviour in airbreathing catfishes, *clarias batrachus* and *H. fossilis*. *Proc. Nat. Symp. Chronobiol. All India institute of medical sciences*, 25-26 November, N. Delhi.
2. Gupta, S. (1996): Effect of intraperitoneal and intracranial administration of triiodothyronine on surfacing behavior in *C. batrachus*. *Proc. Nat. Symp. Ethol., School of life Sciences, Pt. Ravishankar Shukla University, Raipur. Dec. 28-30.*

3. Gupta, S. (1997): *effect of catecholamines and triiodothyronine on surfacing behaviuor in Clariasbatrachus. Proc. Comp. Physiol. Endocrinol., Govt. D.B. Girls P.G. College, Raipur. Jan. 27-28.*
4. Gupta, S. (1997): *Effect of epinephrine and norepinephrine on surfacing behavior of two Indian catfishes, C. batrachus and Heteropneustesfossilis. M.P.C.S.T. Young Scientist Meet, Guru ghasidasuniversity, bilaspur, Feb. 28 march.*
5. Gupta, S. (1998): *Do catecholamines modulates surfacing behaviou in catfishes? Proc. Nat. Sci. Day, Pt. Ravishankar Shukla university, Raipur, Feb. 28.*
6. Gupta, S. and Maheshwari, R. (1999): *Diurnalism- Nocturnalism oscillation in catfish. Proc. Nat. Symp. On Recent advances in Pineal Research, Department of zoology, Govt. Science college, Raipur. Feb. 5-7.*
7. Verma, R., Mishra, P. and Gupta, S. (2008): *Prelimnary screening of Tinosporacordifoliamiers on haematological indices of Indian catfish, Clariasbatrachus. In proceeding of Nat. Seminar on Botanical Research: Present Scenario & Future Prospects. Department of Botany, Govt. NPG Science College, Jan. 29-30.*
8. Mishra, P., verma, R. and Gupta, S. (2008): *Effect of Ecliptaalba on blood parameters of Indian walking catfish, Clariasbatrachus. In Proceeding of Nat. Seminar on Botanical Research: Present Scenario & Future Prospects. Department of Botany, Govt. NPG Science College, Jan. 29-30.*
9. Gupta, S., Mishra, P. and Verma, R. (2008): *Effect of Ocimum sanctum on haematological indices of Indian air-breathing catfish, Clariasbatrachus. In proceeding of Nat. Seminar on Medicinal Value of Drugs Extracted from Chhattisgarh Forest. Department of Chemistry, Govt NPG College of Science, Raipur, Oct. 17-18.*
10. Gupta, S., Mishra, P. and Verma, R. (2008): *Do Azadirchtaindica modulate blood parameter Indian walking catfish, Clariasbatrachus. In proceeding of Nat. Seminar on Medicinal Value of Drugs Extracted from Chhattisgarh Forest. Department of Chemistry, Govt NPG College of Science, Raipur, Oct. 17-18.*
11. Seema Gupta, Preetimishra, Ashok kumarpandey and Renuverma (2009): *Effect of Cynodondactylon (L.) Pers. On blood parameters of Indian air-breathing catfish, Clariasbatrachus. In proceeding of Madhya ChetriyaVigyansammelan, MahakaushalVigayanparishad& Govt. Home Science and Science College, Jabalpur, Feb. 21-22, 2009.*
12. Jury, R., Gupta, S and Mishra, P (2010): *Proceeding of National conference on "Frontiers of New Biology"Department of Microbiology & Biotechnology, St. Thomas College, Bhilai, Dec. 9-10, 2010.*

13. Jurry, R., Gupta, S and Mishra, P (2011): Preliminary phytochemical screening of *Achyranthusaspara*. Department of Zoology & Biotechnology, Govt. V. Y.P.T. Autonomous College, Durg, Oct. 11-12 2011.
14. Jurry, R., Mishra, P. and Gupta, S (2011): Effect of ethanolic extract of *Cynodondactylon* hematological parameters of Indian walking catfish *Clariasbatrachus*. National Conference on "Advances in Biological Sciences" School of Life Sciences, Pt. Ravishankar Shukla University, 5-7 Nov. 2011, Raipur.
15. Gupta, S., Mishra, P and Jurry, R (2012): Effect of aqueous extract of *Eclipta alba* on serum protein of *Clariasbatrachus*. National conference on "Importance of medicinal plants in toxicology and reproductive endocrinology- A perspective", Department of Zoology, BhilaiMahilaMahavidyalaya, Bhilai. Jan. 20-21 2012
16. Gupta, S., Mishra, P and Jurry, R (2012): Studies on serum protein of *Clariasbatrachus* in relation to extracts of leaf of *Ecliptaalba*. National Symposium on Zoological Sciences "Recent challenges and its application in medical research", Department of Zoology, Guru GhasidasVishwavidyalaya, Bilaspur, Feb. 3-4 2012
17. D.S., Porte and Gupta, S. (2012): Avian fauna of Govt. Nagarjun P.G. College of science, Raipur (C.G.) National conference on "Conservation of Biodiversity in India, Some Issues" Arts & Commerce Girls College, Devendra Nagar, Raipur. 16-17 October, 2012.
18. Jurry, R., Mishra, P., Gupta, S & Porte, D. (2012): Ethanomedical uses of *Cynodondactylon* and *Achyranthesaspara*. Proceeding of National Seminar on "Changing Environment and its impact on Biodiversity" Department of Botany. Govt. D.B. Girls' P.G. College, Raipur, 11-12 October, 2012.

Research articles (02)

1. **S. Gupta** and P. Mishra (2008): *Tinosporacordifolia*: Aimmunostimulant herb. *Agrobios*, Vol. VII no. 1, june, page no. 21-22.
2. **S. Gupta** and P. Mishra (2009): *Ecliptaalba* : An immunomodulatory herb. *Agrobios*, Vol. VIII no. 1.

UGC Minor Project- (02)

1. Some aspects on endocrine regulation of surfacing behavior in an air-breathing catfish, *Clariasbatrachus*. sactioned no. 4-36/96 (MRP/CRO) dated 25.9.96
Rs. 30000=00 1997-98
2. Effect of Medicinal herb *Cynodondactylon* (L) & *Acrynthusaspara* on haematology, immunology, histology and biochemical properties of Indian catfish, *C. batrachus*

170000=00 2011-2012 -13Received amount 125000

As an chairperson

National conference on "Traditional Knowledge & Biotechnology". School of Biotechnology, Pandit Ravishankar Shukla University, Raipur. November 22-24, 2013.

Year 2014-15

Conferences/seminar attended

4. *Symposium on digital Medicine. Department of Biochemistry, Pt. J.L.M. Medical College, Raipur. July 25th, 2014*
5. *National conference on "Prospects of Life Science for human welfare with special reference to Chhattisgarh" & first Chhattisgarh congress of ZSC, Department of Zoology, Govt. V.Y.T. P.G. College Durg. 7th- 8th Feb, 2015.*
6. *National Conference on "Recent advances in medicinal plant research and its application in human health". Department of Zoology, Bhilai Mahila Mahavidhyalaya, Bhilai 2-3 March 2015.*

Workshop attended

1. *Rusa sponsored workshop on "Quality Education " Govt. Nagarjuna P.G. College of Science, Raipur on 22rd June, 2015*
2. *Rusa sponsored workshop on "Quality Education " Govt. Nagarjuna P.G. College of Science, Raipur on 23rd June, 2015*
3. *Rusa sponsored workshop on "Governance, Leadership & managment" Govt. Nagarjuna P.G. College of Science, Raipur on 24th June, 2015*
4. *Rusa sponsored workshop on "Examination reforms" Govt. Nagarjuna P.G. College of Science, Raipur on 25th June, 2015*
5. *Rusa sponsored workshop on "Strategies development and deployment to achieve access equity and excellence in higher education system" Govt. Nagarjuna P.G. College of Science, Raipur on 26th June, 2015*
6. *Rusa sponsored workshop on "Career Guidance" Govt. Nagarjuna P.G. College of Science, Raipur on 27th June, 2015*

Organized Conference/ Workshop

1. *Rusa sponsored workshop on "Quality Education " Govt. Nagarjuna P.G. College of Science, Raipur on 22rd June, 2015- As a Convener*
2. *Rusa sponsored workshop on "Quality Education " Govt. Nagarjuna P.G. College of Science, Raipur on 23rd June, 2015 - As a Convener*

3. Rusa sponsored workshop on "Governance, Leadership & management" Govt. Nagarjuna P.G. College of Science, Raipur on 24th June, 2015 - As a Convener
4. Rusa sponsored workshop on "Examination reforms" Govt. Nagarjuna P.G. College of Science, Raipur on 25th June, 2015 - As a Convener
5. Rusa sponsored workshop on "Strategies development and deployment to achieve access equity and excellence in higher education system" Govt. Nagarjuna P.G. College of Science, Raipur on 26th June, 2015 - As a Convener
6. Rusa sponsored workshop on "Career Guidance" Govt. Nagarjuna P.G. College of Science, Raipur on 27th June, 2015 - As a Convener

Papers Published by Dr. Seema Gupta in refereed journals

19. Gupta, S. and Mishra, P. (2014): Effect of leaf extract of *Ecliptaalba* on haematology of *C. gariepinus* (Burchell, 1852). *World Journal of Pharmaceutical Research*, 3(3): 4860-4870. RGJF-0.18
20. Mishra, P. and Gupta, S. (2014): Efficacy of stem extract of *Ecliptaalba* on biochemical parameters of *Clariasbatrachus*. *Indo American Journal of Pharmaceutical Research*, 4(6): 2780-2784. JF-4.587 2231-6876
21. Jurry, R., Gupta, S. and Mishra, P. (2014): Investigation of hemapoietic effect of *Cynodondactylon* (L.) on Indian walking catfish, *Clariasbatrachus* (Linnaeus, 1758). *Journal of Experimental Zoology*, 17(2): 519-524. ISSN -0972-0030 Nasa rating- 5.1
22. Mishra, P. and Gupta, S. (2014): Haematological evaluation of *Ecliptaalba* root extract in catfish *Clariasbatrachus* (Linnaeus, 1758). *Journal of Pharmaceutical Scientific Innovation*, 3(3): 240-244. ISSN- 2277-4572
23. Mishra, P. and Gupta, S. (2014): Modulatory effect of *Eclipta alba* on biochemical parameters of catfish, *C. batrachus*. *World Journal of Pharmaceutical Research*, 3(4): 1223-1233. 4860-4870. RGJF-0.18
24. Mishra, P., Gupta, S. and Jurry, R. (2014): Effect of *Cynodondactylon* on free radical load of lymphoid organs of *Clariasbatrachus*. *World Journal of Pharmaceutical Research*, 3(7): 892-906. 4860-4870. RGJF-0.18

Papers at Conferences

1. Mishra, P. and Gupta, S. (2014): Comparative study of haematology of two catfishes exposed to leaf extract of *Eclipta alba* in "International colloquium on Endocrinology and Physiology", 29-30 September, 2014, Department of Zoology, Govt. D.B. Girls PG College, Raipur.
2. Mishra, P. and Gupta, S. (2015): Effect of *Ecliptaalba* on biochemical parameters of *Clariasbatrachus* in National Conference on "Recent advances in medicinal plant research and its application in human health". Department of Zoology, BhilaiMahilaMahavidhyalaya, Bhilai 2-3 March 2015.
3. Mishra, P. and Gupta, S. (2015): Effect of *Ecliptaalba* on nonspecific immune response of *Clariasbatrachus*. National conference on "Prospects of Life Sciences for human welfare with special reference to Chhattisgarh and its congress of ZSC, Department of zoology, Govt. V. Y.P.T. Autonomous College, Durg, February 7-8, 2015.

Academic achievements during 2014-15

As a subject expert (2014-15)

- 1- *As a subject expert in Chhattisgarh P.S.C. Exam.*
- 2- *As a member of Central Board of Studies, Raipur – meeting on 25.8.2014*
- 3- *As an expert member of Board of Studies, DB girls College, Raipur.*
- 4- *As an expert member of Board of Studies, Govt. Science College, Durg, Board of Studies.*
- 5- *As an expert member of Board of Studies, Govt. Science College, Bilaspur, Board of Studies.*
- 6- *As an expert member of Board of Studies, Govt. Girls P.G. College, Bilaspur, Board of Studies.*
- 7- *Research project valuer-CGCOST*
- 8- *Ph.D Thesis valuation – Nagpur University*
- 9- *M.Sc thesis valuation and viva-voce-IGKV, Raipur*
- 10- *Inspection of Govt. Nehru College, Dongargarh*
- 11- *As an expert member of Board of Studies, Govt. NPG. College Of Science, Raipur*

College committee 2014-15

Admission committee (B.Sc III)- As a convener

Unfairness- As a member

Answer books sailing As a member

Arrears fixation committee As a member

Academic council member

Flying squared in Annual exam

Award (2014-15):

- 11- *Best poster award in National Conference on "Recent advances in medicinal plant research and its application in human health". Department of Zoology, BhilaiMahilaMahavidhyalaya, Bhilai 2-3 March 2015.*

Membership:

- 1- Life membership of Zoological Society of Chhattisgarh
- 2- Life membership of Indian society for comparative endocrinology

Year 2015-16

Conferences/seminar attended

1. National symposium on role of quality control in healthcare management Department of Biochemistry, Pt. J.L.M. Medical College, Raipur. July 25th, 2015.
2. National seminar on Enhancement strategies in quality education and research, IQAC, Govt. NPG College of Science, Raipur. November 27-28, 2015.
3. Interdisciplinary international seminar on Rationalizing the utilization of available natural resources through appropriate technological intervention. Swami shriSwaroopanandsaraswatimahavidyalya, HudcoBhilai, September-22-24, 2015.

Organized Conference/ Workshop

1. Capacity-building workshop on laboratory techniques & maintenance, Govt. N.P.G. College of Science, Raipur 18-20th November, 2015- **As co-convener.**
2. National seminar on Enhancement strategies in quality education and research, IQAC, Govt. NPG College of Science, Raipur. November 27-28, 2015.
3. National conference on Prospects in life sciences: paradigm shift in teaching and research in Zoological Sciences and The second Chhattisgarh congress of the Zoological Society of Chhattisgarh (ZSC), Department of Zoology, Govt. NPG College of Science, Raipur. March 02-02, 2016. **As a convener**

Papers Published by Dr. Seema Gupta in refereed journals

Papers at Conferences

Resource person in Workshop

Capacity-building workshop on laboratory techniques & maintenance, 18-20th November, 2015

Guest lecture

1. *Delivered lecture on Fertilization- biological role of fertilization, basic requirement, activation of egg, metabolism biochemistry of fertilization on 1.2.2016 at department of Zoology, Govt. D.B. Girls P.G. College, Raipur.*
2. *Delivered lecture on molecular basis of fertilization on 15.2.2016 at department of Zoology, Govt. V.Y.T. PG College, Durg.*

Year 2016-17

Conferences/seminar attended

1. *National Symposium on Genetic basis of haematological disorders with special emphasis on Sickle cell disease. Department of Biochemistry, Pt. J.L.M. Medical College, Raipur. July 25-26, 2016.*

Papers Published by Dr. Seema Gupta in refereed journals

25. *Mishra, P. and S. Gupta (2015): Hematinic activity of Eclipta alba on Clariasgariepinus (Burchell) 1822). World Journal of Pharmaceutical Research, 4(12): 1002-1012. 4860-4870. RGJF-0.18*
26. *Damle, K.L., Gupta, S. and Sharma, M. (2016): Biodiversity of mites in poultry dust at Rajnandgaon district of Chhattisgarh, India. Research Journal of Animal, Veterinary and Fisheries Science, 4(5): 7-9.*

AS AN SUBJECT EXPERT:

- 1- *As a subject expert of Institutional Ethical Commettee for human and Animal research - D.B girls College, Raipur 2016-17.*

Year 2017-18

Conferences/seminar attended

1. *National Symposium on Genetic basis of haematological disorders with special emphasis on Sickle cell disease. Department of Biochemistry, Pt. J.L.M. Medical College, Raipur. July 25, 2017.*
2. *International conference on "Frontier in Pharmaceutical Sciences and Research" organized by Columbia Institute of Pharmacy, Raipur, C.G., India, 23rd&24th September, 2017.*
- 3.

Papers Published by Dr. Seema Gupta in refereed journals

27. *Mishra, P. and Gupta, S. (2017): Effect of root of Eclipta alba on biochemical parameters of Clariasbatrachus . World Journal of Pharmaceutical Research, 5(7): 1935-1941. ISSN: 4860-4870. RGJF-0.18*
28. *Mishra, P. and Seema Gupta. (2017):Comparative effect of Eclipta alba on haematological parameters of Asian catfish, C. batrachus. Indian Journal of Scientific Research, 12(2): 099-106. ISSN: 0976-2876*
29. *Devendra Singh Porte and Seema Gupta (2017):Nesting behavior of Indian Pond Heron, Ardeolagravii (sykes, 1832) at Ratanpur, district Bilaspur, Chhattisgarh, India. Indian Journal of Applied and pure Biology, 32(1): 31-42. 0970-2091*
30. *Devendra Singh porte and Seema Gupta (2017): Assessment of distribution pattern of wetland birds between unpolluted and polluted ponds at Ratanpur, district Bilaspur, Chhattisgarh, India. Indian Journal of Scientific Research, 12(2): 204-215.*
31. *Devendra Singh porte, Seema Gupta,ShrutikaKankariya (2018):Temporal pattern in foraging behaviour of the Indian pond heron, Ardeolagravii at Ratanpur, Chhattisgarh, India. Biological Rhythm Research, <https://doi.org/10.1080/09291016.2018.1424768>.*

Papers at Conferences

1. *RachanaJurry, Preeti Mishra and Seema Gupta. (2017): Antioxidant potential of Achyranthusaspera on Asian catfish, Clariasbatrachus. In International conferences on "Frontier in Pharmaceutical Sciences and Research" organized by Columbia Institute of Pharmacy, Raipur, C.G., India, 23rd&24th September, 2017.*
- 4.
- 5.

Papers Published by Dr. Seema Gupta in refereed journals

32. *P. Mishra and S. Gupta (2018): Effect of Ecliptaalba on non specific immune response of catfishes. J. Exp. Zool. India, 21(1): 483-490.*
33. *Devendra Singh porte, Seema Gupta (2018): A chronological assessment of foraging activities of the Cotton Pigmy Goose, NettapuscoromandelianusGmelin, 1789 at Dulahara pond, Ratanpur, Chhattisgarh, India. Biological Rhythm Research, DOI:10.1080/09291016.2018.1484807*
- 2- *Governing body of Disha College appointed by Pt. RSS University, Raipur 2014-2016.*
- 3- *As an expert member of Board of Studies, Govt. Science College, Bilaspur.2014-16*
- 4- *As an expert member of Board of Studies, Govt. Digvijay College, Rajnandgaon.2014-2016*
- 5- *As a assistant superintendent of Autonomous examination 2016-17*
- 6- *As a subject expert in Chhattisgarh P.S.C. Exam. 2015-2017*
- 7- *As a subject expert in VYAPUM exams.*
- 8- *As a member of Board of Studies Ravi Shanker Shukla University, Raipur*
- 9- *As an expert member of Board of Studies, D.B girls College, Raipur.2011-2014*
- 10- *As a expert member of Board of Studies, Govt. Chattisgarh College, Raipur Board of Studies.*
- 11- *As an expert member of Board of Studies in Zoology, Govt. V.Y.T. College, Durg.*
- 12- *As a subject expert in the interview of teacher under statue 28 organized by Ravi Shankar Shukla University, Raipur.*
- 13- *As an expert member of Board of Studies, Department of Zoology, Govt. Science College, Bilaspur.*

- 14- As an expert member of Board of Studies, Govt. Girls P.G. College, Bilaspur, Board of Studies.
15- As an expert member of Board of Studies, Govt. Digvijay P.G. College, Rajnandgaon, 2015-2017
16- Chhattisgarh college inspection for m.sc. affiliation-2017
17- P.Sc. confidential work 06-10 September 2017
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Central purchase committee from 2014-2017

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