

FACULTY PROFILE

Curriculum Vitae

Dr. Shailja Acharya

Professor Zoology

Govt. Madhav Science P.G. College, Ujjain

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Education:

- 1: Higher Secondary: Kamla Nehru Higher Secondary School, Indore (M.P) 1985
- 2: B.Sc.(Biology) : Govt Holkar Science College, Devi Ahilya University, Indore (M.P.) 1988
- 3: M.Sc (Zoology) : Govt Holkar Science College, Devi Ahilya University Indore (M.P.) 1990
- 4: Ph.D : School of Studies in Zoology, Vikram University , Ujjain (M.P.) 2007
- 5: Thesis topic :Feeding behavior of 3 freshwater food fishes of Kshipra and Gambhir River

Previous Experience: Lecturer in Govt Boys Higher Secondary School Kukshi, Dist. Dhar (M.P.) (1992)

Appointment : 07/10/1993 (PSC) as Assistant Professor

Teaching Experience 28 years, Undergraduate

27 years, Postgraduate

Orientation program: Devi Ahilya University (ASC), Indore (1994)

Refresher Course: In life science, Devi Ahilya University (ASC), Indore (1999)

Refresher Course :. In Computer, Devi Ahilya University (ASC), Indore (2004)

Research Interest Entomology, Limnology and Fisheries.

Research Publication

1. *Life Sciences International Research Journal Vol. 2, Issue 1(2015) ISSN - 2347-8691, ISBN 978-81928281-26-7. "Diet Overlap & Food Competition among 3 predator fish species in Gambhir River". (Jan 30-31-2015).*

https://www.imrfjournals.com/files/ugd/8b382d_3ca78186961c4cfc9163c9c5aef2f09e.pdf

2. *Life Sciences International Research Journal Vol. 2, Spl. Issue (2015), ISSN - 2347-8691- "Feeding Habits & Trophic Level of Channa punctatus in Gambhir Reservoir, M.P., (May 25-29- 2015). Life Sciences International Research Journal Vol. 2, Spl Issue (2015), ISSN 2347-8691, ISBN 978-81-928281-58-8.*

https://www.imrfjournals.com/files/ugd/8b382d_dd3c6e793d244c97b5c140824076474d.pdf

3. "Studies on Ichthyofaunal Diversity of Gambhir Reservoir of M.P.,(Oct. 09-10-2015)
4. "Journal of Advances in Science and Technology, Vol 10, Issue 21, 2016, ISSN 2230-9659. Lightning Strikes Protection by Laser. (Feb. 03-04-2016).

www.ignited.in

5. *Social Sciences International Research Journal Vol. 2, Issue 1(2016) , ISSN 2395-0544:" . ISBN: 978-93-84124-66-3. Hypothyroidism and Hyperthyroidism in the women population of Indore (M.P.), India". March 03-05-2016).*

https://www.imrfjournals.com/files/ugd/8b382d_2773b21b7954437fb658db5dedb1bed9.pdf

6. *Life Sciences International Research Journal Vol. 3, Issue 1(2016)), ISSN 2347-8691,"Water quality assessment of Gambhir river using biotic indices".(April 21-23-2016).*

https://www.imrfjournals.com/files/ugd/8b382d_feea9ecdf8d44da5afc5647e47a40723.pdf

7. *Social Sciences International Research Journal Vol. 3, Issue 1(2017) , ISSN 2395-0544."Mental health issues in women residing in Indore city of Madhya Pradesh, India."(March 09-11-2017).*

https://www.imrfjournals.com/files/ugd/8b382d_abfd3f2ee62c49cbb9427c63f15bc8f6.pdf

Awards/ Achievements :

1. Fellow member "International Science Congress Association" (FISCA).
2. Membership of Vigyan Bharti -(Malva Vigyan Parishad Samiti)
3. Membership of Old Holkarian Association, Indore (M.P.), India.
4. Chaired technical session in the International Conference on Women Studies & Social Sciences - 2016 at Carmel College, Nuvem, Goa, India, Mar 03-05, 2016.
5. Professional tours: Paper presentation in IMRF World Research Congress Organized by IMRF Thailand Chapter & IMRF India International Multidisciplinary Research Foundation.

Subject Related activities

(A) Professional certification:

1. 6 week online Verified and Certified course authorized by University of Maryland College Park and offered through Coursera. "Genes and the Human condition (from Behavior to Biotechnology)", (June 17- 2013), 97.00%.
2. 6 week online Verified and Certified course authorized by John Hopkins University and Offered through coursera. Introduction to Biology of Cancer {March 06- 2018}, 90%

(B) Orientation program:

1. Orientation program on "Introduction to Translation" at Govt. Madhav Science College, Ujjain. National Translation Mission - Central Institute of India Language. Ministry of Human Resources & Development, Department of Higher Education, Govt. of India, (Aug 19 - 23-2014).

(C) Short term courses

1. "Short term laboratory course on Basic Genetics", *Center for Drosophila Stocks and Training in Genetics, School of Life Sciences, DAVV, Indore*, (July 19-25-1999).
2. Short term e- course on Covid-19 crisis awareness: immunity boost by plants and yoga at Govt Girls P.G. College Ujjain (June 8-14- 2020).

(D) Training

1. Training on "Donor Motivation & Recruitment for Voluntary Blood Donation", *Department of Pathology and Blood Bank*, (2014-15).
2. Internship training program on HPLC, UV and FT-IR. Madhav Science P.G. College, Ujjain. (Feb 25- Mar. 02-2018).

(E) Faculty development program (FDP)

1. 1 FDP (Faculty development program) on Future technology In post covid era Govt. P.G. Madhav Science College Ujjain (July 1-7-2020).
2. 2 FDP (Faculty development program) on Research article writing and online Academic presentation. Government P.G. Madhav Science College Ujjain (August 17-23- 2020).

(E) Workshop:

1. Workshop on "Haematological Tests & Experiments", *Sponsored by MPCST Bhopal Unit*. Holkar Science College, Indore. (Nov 28-30 2002).
2. Workshop on "Biochemical Tests & Experiments". *Sponsored by MPCST Bhopal*, Govt. Holkar Science College, Indore, (Dec 1-3. 2007).
3. Academic Workshop on "Biodiversity-Environment Interplay", Sponsored by UGC, Govt. Madhav Science College, Ujjain (14-15 Feb. 2009).
4. Academic Workshop on "Water Literacy", *Sponsored by MPCST*, Govt. SKP College, Dewas (23 Dec. 2010).
5. National Workshop on "Role of Women for Development of State in the Field of Science and Technology", *Sponsored by MPCST*, Govt. PG Girls College, Ujjain (March 8 - 2011).
6. Academic workshop on "Biodiversity", *Sponsored by MPCST*, Govt. Govt. SKP. College , Dewas, (March 30-2011).
7. Workshop on Continuous comprehensive Evaluation (CCE) organized by Govt. SKP College, Dewas (Sep. 28- 2013)
8. District level Workshop on "New Dimensions in Research Methodology", Govt. SKP College, Dewas, (28 Jan 2014).
9. International Yoga Workshop organized by Shri Atal Bihari Vajpayee Govt. Arts & Commerce College, Indore, (Feb 12-13 -2014).
10. 5- Days hands-on Workshop on "Molecular Biotechnology and Bioinformatics", *International Centre for Stem Cells, Cancer and Biotechnology (ICSCCB), Pune, India*, (24th to 28th Feb. 2014) .
11. National Workshop on "Quality improvement of higher education through life skill based education". *Sponsored by UGC*, Govt. PG College. Mhow, (Nov.14-15 2014).
12. National Workshop on "Uccha Shikha me Gunvatta Vikas Aur Prbandhan" *Sponsored by UGC, Bhopal*, Madhav Arts and Commerce College, Ujjain, (Feb 26-28. 2015)
13. National Workshop cum Seminar on "Biochemical Health Markers, *Sponsored by Dept of higher education, Bhopal*, Holkar Sciences College, Indore, (3-8 March 2015) .

15. International Workshop on Statistical Skills Organized by International Science Congress Association at Maharaja Ranjit Singh College of Professional Sciences Indore, Madhya Pradesh, India (Aug. 08-09-2015).
16. National workshop on Life Sciences. (March 3-5 2016). Organised by International Multidisciplinary Research Foundation. Carmel College, Goa.
17. District level workshop on New education policy at Govt. SKP College Dewas. (Aug- 26-2016).
18. Workshop on "Anandam" Organized by Jila panchayat, Office, Dewas. (Feb.-1-2017). National workshop on biodiversity conservation: Need and strategie. S.S. in Environment Sciences. Ujjain (Feb. 1-2018).
19. UGC orientation workshop on Awareness, Adoption and promotion of MOOCs on SWAYAM platform. Bhopal (Aug.09--2019).
20. National workshop and Training programme on Recent Trends in Molecular Biology. Govt GDC, Ujjain, (Feb. 16-18-2020).
21. National Workshop and Training Programme on "Recent Trends in Molecular Biology" organized by Govt. Girls' P.G. College, Ujjain in collaboration with PG TECH Pvt. Ltd. and Research Institute (Feb 16- 18- 2020).
22. International workshop on effective learning after covid-19. Govt. Girls' P.G. College, Ujjain (May 29- June 4-2020).

Paper presentation

2004

20th National Symposium of Indian Society of Life Sciences on Bio Resources Environment & Society. "Benthic Macroinvertebrate", University of Jammu, Jammu (Oct 16-18- 2004).

Paper Presentation and Proceedings

1. *IMRF World Research Congress-, Thailand Chapter, Thailand*, "Feeding Habits & Trophic Level of Channa punctatus in Gambhir Reservoir, M.P", Proceedings ISBN - 979-93-84124-38-0, (May 25-29-2015).
2. *IMRF World Research Congress ICAVLS –*, "Diet overlap & Food Competition among 3 Predator Fish Species in Gambhir river", Proceedings ISBN-978-93-84124-25-0, (Jan 30-31 -2015).
3. International Academic & Research Conference, 2015 *UNESCO : In Support of UNESCO's 70th Anniversary Celebrations*, "Studies on Ichthyo faunal Diversity of Gambhir Reservoir of M.P., Proceedings ISBN 978-93-84124-31-1, (Oct 09-10-2015) Vijayawada.
4. International Conference on Emerging trends in Science, Technology and Managements-2016."Water quality assessment of Gambhir river using biotic indices. Proceedings ISBN 978-93-84724-70-0. (April 21-23 -2016) Sikkim.
5. International Conference on Women Studies and Social Sciences-2016:" Hypothyroidism and Hyperthyroidism in the women population of Indore (M.P.), India". Proceedings ISBN: 978-93-84124-67-0. (March 3-5-2016) Goa.
6. International Conference on Women Studies and Social Sciences-2017" Mental health issues in women residing in Indore city of Madhya Pradesh, India." Proceedings ISBN: 978-93-86435-02-6. (March 9-11- 2017) Chandigarh.

Seminars/ Conferences/ Symposia

1. "National Seminar on "Environment, Pollution & Fishery Management", School of Studies in Zoology, Vikram University, Ujjain, (Aug. 8-10 2002).
2. National Conference on "Itihas Sanskriti aur swatantrata Sangram" 1857-1947, K.P. College, (Dec. 23-24 2006).
3. National Seminar on "Industrialization, Globalization and Society", Govt. SKP College, Dewas, (Feb. 17-18 2007).
4. "Recent Trends in Advertising & Marketing of consumer goods". *Organized by the Department of advertising & sales promotion*, Govt. KP.
5. PG College, Dewas "Effects of Tobacco on People and Environment (Feb. 24-25- 2007).

6. National Seminars on “Knowledge Based Society using Environmentally Sustainable Science & Technology”, *M.P. Science Congress, Organized by Indian Sciences Congress Association, Bhopal Chapters*, Govt. Holkar Science College of Indore, (Dec 26-27. 2007).
7. International Congress on “Environmental Research” (*ICER - 07*), Govt. Geetanjali Girls PG College, Bhopal, (Dec. 28-30 2007).
8. National Seminars on “Biodiversity Environment Interplay”, *Sponsored by UGC*, Govt. Science & Commerce College Benazir, Bhopal, (Feb 14-15. 2009).
9. National Seminar on "Climate Change", *Sponsored by MPCST*, School of Studies in Botany, Vikram University, Ujjain (June 05-2010).
10. International Conference on “Science, Technology and Society” (International Sociological Association), *Sponsored by MPCST*, Department of Sociology, Christian College, Indore (March 12-13- 2011).
11. 2nd Women Science Congress, “*SHAKTI*”, *Mahila unit of Vigyan Bharti*, Madhav Science College, Ujjain (Dec 22-23-2011).
12. National Seminar on “Water Crisis in Urban and Rural Areas: Planning and Management”, Madhav Arts and Commerce College, Ujjain (March 2-3, 2013).
13. National Seminar on “Higher Education ke Badalte Swaroop me Moral Values ke Bhumika”, Govt SKP College, Dewas, (Feb 26 -2014).
14. National Seminar on “Indian Environmentalism and Developmental Issues, *Sponsored by MPCST*, Madhav Science College, Ujjain (3-4 March 2014).
15. National Conference on “Swatantra Bharat me Shiksha Ayog ki Anushansa” *Sponsored by UGC & MPCST Bhopal*, (Dec 13-14. 2014).
16. International Conference on “Agriculture, Veterinary and Life Sciences” – (*ICAVLS*), Vikram . Proceedings ISBN University, (Jan 30-31-2015).
17. National Conference on “Vartman Samajik Paridrishya me Kaanoon ki Bhumika”, *Organized by National Book Trust India*, Indore, (Feb 8-2015).
18. National Seminar on “Application of Biological Sciences for Human Welfare”, *Sponsored by MPCST Bhopal in Association with BER Chapter*, NASI-Allahabad, UP, (March 30-31 2015).
19. Ist International young scientist congress (IYSC-2015) at Maharaja Ranjit Singh College Indore (Aug 8-9-2015).
20. National seminar on social issues and environmental problems at GDC Ujjain. (Sept 19-20-2015)
21. Symposium on “Advances in Chemistry with biological and industrial relevance. Sponsored by MPCST Bhopal, Organized by BM college of technology, Indore (Feb 2016).
22. National conference on “Crystallography and its application” at GDC Ujjain (March 15-16-2016).
23. National seminar on strategies for sustainable use of land, water, air, agriculture and energy resources. Kalidas girls lead college, Ujjain (March 29-30 -2016)
24. National conference on climate change, its impact on agriculture, biodiversity, health and environment Sponsored by MPCST, SHEFWEL and NIDAN (March 25-26 -2017).
25. National conference on population, development and environmental sustainability with special reference to Central India. Organised by dept of Geography, sponsored by UGC-CRO- Bhopal (March 30-31- 2017).
26. National conference on :New frontiers in Science: A Paradigm shift to policy planning. Sponsored by IQAC, CEQIC- Janbhagidiri samiti ,MVM, Ujjain (Dec 1--3 2017).
27. National Seminar on "Science and Technology for Sustainable Development organized by Govt P.G College, Ujjain. in collaboration with ASEA (Action for Sustainable Efficacious Development and Awareness), (Feb. 19-20- 2020).

Webinar

1. Webinar & National Workshop On e-governance: Concept, Issues & Challenges Organized by Govt. Maharani Laxmi Bai Girls P.G (Auto) College Bhopal (Jan 03-12- 2018).
2. National Webinar on Biodiversity Conservation and Sustainable Development, Organized by R. S. Govt. P.G. Girls College, Chhindwara (M.P.) (May 22-2020)
3. Webinar in Advances in Biotechnology for Health, Food and Nutrition to Encounter COVID-19. Organized by Govt. P.G. College, Satna (May 22-23- 2020).

4. Attended webinar activity of one week International workshop on effective learning after covid-19 , Organized by .Bhopal intellectual progressive education society (BIPES) Bhopal,(M.P.), (May 29- June 4- 2020).
5. 6 National Webinar on role of Indian culture and heritage in covid-19 era. Government Madhav Science college Ujjain (June 01-03 2020).
6. 10 International Webinar on obesity, diabetes and healthy measures, Organized by REd Talk Daily International (June 3-2020).
7. International web conference on Innovative Teaching and Learning Platforms Tools and Technologies reforms after Covid- 19. Bhopal intellectual progressive education society (BIPES) IG, Bhopal,(June 04- 2020)
8. National Webinar series(12 sessions) on knowledge generation in education during covid-19 pandemic- qualitative research. Bombay teachers training College HSNC University Mumbai. (June 1-6-2020).
9. National Webinar on challenges of sustainable development. Govt. Madhav Science P.G. College, Ujjain (June 05-06 2020).
10. National Webinar on Intellectual Property Rights and Patent, Organized by Govt. Maharani Laxmi Bai Girls P. G. Autonomous College, Bhopal, (M. P.) (June 6- 7 -2020).
11. National Webinar on "Food Safety and Quality Assurance: Issues & Challenges" organized by Centre of Food Technology, University of Allahabad, Prayagraj in association with NetProFaN and AFST(I) Allahabad Chapter, (June 13-2020).
12. International Virtual Seminar on "Planning For and Beyond COVID-19" organised by Govt. Motilal Vigyan Mahavidyalaya, Bhopal (M.P.) on (June 13 -2020).
13. International Webinar on coping with covid crisis: response and future strategies. Govt Girls PG College, Ujjain (June-13-14 2020).
14. National Webinar on Zoology for human health Govt Holkar Science College Indore (June 17-18 -2020).
15. Webinar on Emotional intelligence teaching from Bhagavad Gita for the new Normal. Shivajirao Kadam institute of technology and management, Indore (June 24- 2020).
16. National Web Training Workshop on "Use of ICT Tools in Digital Pedagogy jointly organized Government Girls' P.G. College, Ujjain (M.P.), (June 25- 2020)
17. National Webinar on "Biodiversity Conservation and its Management " organized by Girls' P.G. College, Ujjain (M.P) in collaboration with Zoological Society of India (ZSI) and Society of Life Sciences (SLSc) (July 15- 16-2020).
18. National Webinar on Covid-19: Immunopathology, Clinical Manifestations and Therapeutic Measurements , Organized by Govt. Madhav Science P.G. College, Ujjain (M.P.), (June 30-1 July, 2020).
19. National Webinar on "Arogya Mantra- The Mystery Behind Body, Mind & Spirit" organized by College of Professional Studies-ATC & Faculty of Management Studies, Shivajirao Kadam Institute of Technology & Management (SKITM), Indore (Aug 7- 2020).
20. National level Eduthon 2020 on Redefining the higher education policy from present to future, Organized by Madhav Science P.G. College, Ujjain (M.P.) (Aug 12-14-2020).
21. Webinar on Mahatma and women empowerment. National level Lecture series Govt. Madhav Science P.G. College, Ujjain (Oct 23-24-2020).
22. National Webinar on Biology for the welfare of mankind, Organized by SMS Govt Model Science College, Gwalior. (Jan 11 -2021).
23. International Webinar on Toll-Like Receptor-4 Mediated Immune Responses In The Development of Skin Cancer.Govt. Madhav Science P.G. College, Ujjain (January 13- 2021).

Major Social Engagements

1. Jeevan rakshak club
2. Part of Eco club
3. Parent Guardian scheme
4. Blood Group and Haemoglobin testing camp for girls in the campus.
5. Participated in Blood donor motivation activity

Teaching learning Pedagogy :

1. Bookmarking by saving the address of a website and sharing with the students

2. Whole class teaching by chalk duster method
3. Project work, experiential teaching by practicals
4. Providing books and notes to the students
5. Internal Assessment like CCE
6. ICT based teaching, i.e. teaching with Smart board, projector, and visualizer.
7. Using IT enabled learning tools like Google classroom.