

Dr. Deepika Saini
M.Sc.(Gold Medalist), B.Ed., Ph.D., F.S.L.Sc

**Asst. Prof., Department of Zoology, Chamanlal Mahavidhyalaya, Landhaura
Haridwar (Uttarakhand)**

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Dr. Deepika Saini
M.Sc(Gold-Medalist),Ph.D(Limnology),F.S.L.Sc.
Assistant Professor
Department of Zoology
Chamanlal Mahavidyalaya,Haridwar,
Uttarakhand
334/3,Solanipuram,Rooke
Haridwar,Uttarakhand
9756790820,8859883478

WORKING EXPERIENCE:

1. Currently working as an Assistant Professor (Zoology Department), CLM (PG) .College, Haridwar

08/2015 to 05/2016

2. TEACHING & LAB EXPERIENCE

- Worked as Adjunct Lecturer in **University of Maryland Eastern Shore princess Anne- Maryland, USA.**

03/2014 to 08/2014

3. TRAINEE

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**Training in Microbiology Department (Lab.) Jubilant Generics, Bhagwanpur, Roorkee, Uttarakhand
India**

06/2010 to 01/2014

4. RESEARCH SCHOLAR (Lab Experience) R.D.V.V. University – Jabalpur, India.

- Testing of various chemical parameters of water
By UV Spectrophotometer, TOC Analyzer, pH Meter, BOD Incubator, Conductivity Meter.
- Testing of Various physical water parameters.
- To check seasonal and dial variations in water quality and fish growth rate.

09/2009 to 02/2011

5. TEACHING EXPERIENCE

- Asst. Lecturer in K.L.D.A.V (P.G) College.-Roorkee, India.

EDUCATIONAL QUALIFICATION:

- High school from K. V. Khamaria Jabalpur (India) in 1999.
- Senior Secondary School Certification from K. V. Khamaria Jabalpur (India) in 2001.
- Bachelor of Science in **Zoology, Microbiology & Chemistry** from R.D.V.V. Jabalpur (India) in 2004..
- Bachelor in Education in **Biology and Chemistry** from R.D.V.V. Jabalpur (India).

- Master of Science in **Zoology** from H.N.B University (India) in 2009. (**Gold Medalist**).
- Doctor of Philosophy (Ph.D.) in **Life Science** from R.D.V.V. University (India) in 2014.

Thesis Title:

Seasonal and Diel variation in plankton production, in relation to physico-chemical parameters and its impact on fisheries in River Narmada from Lamhetaghat to Bhedaghat.

ACHIEVEMENTS:

- Working as a Co-ordinator of college website.
- Working as a Co-ordinator of Carrier counselling Cell of CLM.
- Working as a member of IQAC and NAAC .
- Life membership of Society Of Life Sciences (F.S.L.Sc)

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- Working as a reviewer in an International Journal. (Remarking-An Analization) UGC Approved.
- Working as an Editorial board member in an international Journal “International journal of Science and Healthcare Research”
- Working as a Reviewer in “International journal of Biological Education.”
- Working as a Reviewer in “International journal of Applied Research and Publication.”
- Working as an Editorial and advisory member in ‘Journal of Bio Innovation’.
- Working as a Reviewer in “Journal of Emerging Technologies and Innovative Research” UGC approved journal.
- Working as a Reviewer in “American Journal of Life Sciences.
- Working as an editor in “International Journal of Zoology studies”
- Life membership of Society of research in biological sciences.
- Invited as a speaker in national webinar organized by SS College Shahjhapur and SRBS on 13 May 2020 on the topic- ‘Covid-19: High immunity Society through scientific blend of traditions and environment’.
- Worked as a Practical examiner in Agriculture Department, Tula’s Institute, Dehradun.
- Organizer of National Webinar on the topic: “Covid -19 Pandemic- Impact, prevention and significance of immunity” held on 28 May, 2020.
- Organizer of international E- Conference on the topic: “Impact of globally growing turbulence on the world Environment” held on 05 June, 2020.
- Organizer of international E- Conference on the topic: “Role of sustainable development in combatting climate change and improving human health issues” held on 21 June, 2020
- Organizer of international E- Conference on the topic: “” held on 14 July, 2020
- Organizer of international E- Conference on the topic: “” held on 21 June, 2020
- Worked as a Practical examiner in Zoology Department, Motherhood University, Puhana, Roorkee.
- Worked as a Practical examiner in Botany Department, Motherhood University, Puhana, Roorkee.
- Best Teacher (Higher Education) Award by Society of Research in Biological Studies in 2020.
- Editor of the e-book entitled: Environmental Sustainability and Human Health having ISBN no. 978-93-88336-38-3, Publisher: SRF Research Foundation

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WORKSHOP / SEMINARS

1. Symposium (MAASCON-1) attended on “Frontiers in life sciences: Basic and Applied” organized by Department of Zoology DAV(PG) College, Dehradun (INDIA)
2. Seminar Attended on “ National seminar on Global Warming : Its impact on Environment, Economy, society and politics” organized by UCOST Dehradun and DRDO New Delhi (INDIA)
3. Seminar attended on “Advancement in the field of Sciences for Human Welfare” organized by Department of sciences, Jabalpur (M.P) INDIA
4. National seminar attended on Business Studies organized by Shri Guru Nanak Women College, Jabalpur (M.P) India.
5. International Conference attended on ‘Good Governance: Initiatives, Challenges and Prospects’ organized by Punjabi University , Patiala on 17 November, 2017.
6. National Symposium attended on the topic “Biodiversity and Natural Resources for Sustainable Development ’organized by Department of Zoology, CCS University (Meerut), Sponsored by DRDO and CCS University, Meerut.
7. National Seminar attended on “Cyber Security “organized by “Shri Guru Nanak Women College Jabalpur (M.P) on 17 March 2017.
8. National Seminar attended on the topic-Sustainable Water Resource Management :Challenges and Opportunities on 20-21 January,2015 at Jabalpur (M.P)
9. National Seminar on the topic-Biodiversity-Control and Management for Development on 27 & 28 February 2018 at Jabalpur (M.P)
10. National Conference on the topic-Microbial Inoculants for Agriculture and Environmental Sustainability (MAES-2018) on 28th to 30th September 2018 in Gurukul Kangri University, Haridwar.
11. National Conference on the topic-Status of upcoming trends in Biodiversity Conservation on 6 January, 2019 at Chaman lal Mahavidyalaya, Landhaura, Haridwar, Uttarakhand, Funded by UCOST.
12. 7 days workshop attended in Gurukul Shiksha Padhhati from 16-22 September at Chamanlal Mahavidhyalaya, Landhaura,Haridwar.
13. Attended national conference on -The Buksas-A social study of a tribe community of Uttarakhand.
14. Attended seminar on terminology in bio sciences by MHRD.
15. National Conference on the topic-Science and technology: Rural development by Indian Science Congress on 15-16 February at Gurukul Kangri University Haridwar, Uttarakhand.

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RESEARCH PUBLICATIONS

- (1) **Deepika Saini**, K.K. Dube, Shashi Bala Shrivastava. 2015 ‘ Seasonal and Diel variations in plankton production in relation to physico – chemical parameters and its impact on fisheries in River Narmada from Lamhetaghat to Bhedaghat near Jabalpur (M.P), *J. Exp. Zool. India*, Vol. 18, No.2, PP.951-960 (**RG Journal impact 0.55***)
- (2) Faisal M, Ahmad M, **Saini D**, Pahwa E. 2011. Suitability of host plants for the development of polyphagous defoliator, *Eupterote undata* (Lepidoptera: Eupterotidae), *Biology and Medicine*, Vol. 3(2): 303 –
- (3) **Deepika Saini**, K.K Dube. 2017. Study of water quality of Narmada River Jabalpur Region (M.P), *Remarking An Analyzation*, Vol – 2* Issue – 4* July 2017. (**Impact factor = 0.543**)
- (4) **Deepika Saini**, K.K Dube, 2017. Study of water quality index (WQI) of five different Sampling Stations of River Narmada (Jabalpur region). *Life Sciences bulletin*, vol.14(2) :189-191 **NAAS RATING – 3.47**
- (5) **Deepika Saini**, K.K Dube,2017.Fish diversity studies of river Narmada, Jabalpur region(M.P)*International Journal Of Fisheries And Aquatic Studies*, 2017;5(5):13-16. **GIF(Impact Factor)-0.549**
- (6) **Deepika Saini**, K K Dube, **2017**. Diversity of Phytoplankton’s in Narmada River, Jabalpur Region (M.P) India. *International Journal of Science and Research (IJSR)*, Index Copernicus Value (2015):78.96, Impact Factor (2015):6.391.
- (7) **Deepika Saini,2018**.Seasonal Study Of Zooplanktonic Diversity Of River Narmada, Jabalpur Region(M.P),*International Journal of Science And Research (IJSR)*.ISSN(Online):2319-7064.Index Copernicus Value(2016)79.57,Impact Factor(2015)6.39
- (8) **Deepika Saini, 2018**.To study the water quality status of river Narmada with special reference to B.O.D and C.O.D at Jabalpur region in M.P (India).*International Journal of Research and Analytical Reviews (Online) EISSN: 2348-1269.Volume 5, Issue-4, COSMOS impact factor-4.236*
- (10) **Deepika Saini, 2018**. *Limnological studies and statistical analysis of river Narmada with special focus on 5 nearby ghats of Jabalpur region. Shrankhla; Ek shodhparak vaicharik patrika.E-ISSN-2349-980X,, Volume-6*issue-5*January-2019,pp.,127-133.*

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(11).Deepika Saini and Prabhat, 2020: Microalgae :A new tool for treating waste water. IJHR.10(2),2020,190-198.

PUBLISHED ABSTRACTS

- (1) **Deepika Saini** and K.K Dube, 2017. Seasonal and Diel variation in plankton production in relation to physico – chemical parameters and its impact on fisheries in River Narmada from Lamhetaghat to Bhedhaghat, near Jabalpur (M.P) in **National conference on Impact of Global Warming on Env. Biodiversity Ecotourism**. Organized by Environment and social welfare society, Khajuraho (M.P)
- (2) **Deepika Saini**, K.K Dube, Shashi Bala Srivastava and A.K Pandey 2017. Seasonal and Diel variation in planktonic Diversity of Narmada River, Jabalpur (M.P) in 19th Indian Agricultural Scientists and Farmers Congress on prospects of Green Economy and value Addition to Technology. Organized by Bioved Research Institute of Agriculture Technology, Allahabad.
- (3) **Deepika Saini**, K.K Dube, 2016. Diel variation in physico – chemical parameters and its impact on fisheries in Narmada River, Jabalpur region (M.P) in International Seminar on ‘Recent Trends and Exp. Approaches in science, Technology and Nature, held at Indian Institute of Sugarcane Research (IISR), Lucknow, India.
- (4) **Deepika Saini**, K.K Dube, 2017. Exploring the Faunal Diversity of Narmada River, Jabalpur region (M.P) India in national Seminar on ‘Biodiversity and Natural Resources for Sustainable Development’ held at CCS University Meerut.
- (5) **Deepika Saini**, K.K Dube, 2018. Assessment of water quality standards of Narmada River in Jabalpur region with special reference to physico-chemical and biological parameters in National Conference on -Microbial Inoculants for Agriculture and Environmental Sustainability (MAES-2018) on 28th to 30th September 2018 at Guru Kul Kangri Vishwavidyalaya.
- (6) **Deepika Saini**, K.K Dube, 2018. To Study the water quality status of river Narmada at 5 different Ghats with special reference to B.O.D and C.O.D at Jabalpur Region in M.P (India) in 11th National

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Conference of Medical Arthropodology on Vector-Borne and Zoonotic Diseases organized by
Department of Zoology, D.A.V (P.G) College ,Dehradun on 26th and 27th October 2018.

PAPER PRESENTED

- (1) Paper presented on the topic-Exploring the Faunal Diversity of River Narmada, Jabalpur Region (M.P) India in the National Symposium held at CCS University, Meerut.
- (2) Paper presented on the topic-Seasonal Study of River Narmada, Jabalpur Region(M.P) India in the International Conference at Punjabi University, Patiala.
- (3) Paper presented on the topic-. Assessment of water quality standards of Narmada River in Jabalpur region with special reference to physico-chemical and biological parameters in National Conference held at Guru Kul Kangri Vishwavidyalaya on 28th to 30th September 2018.
- (4) Paper presented on the topic- To Study the water quality status of river Narmada at 5 different Ghats with special reference to B.O.D and C.O.D at Jabalpur Region in M.P (India) in 11th National Conference of Medical Arthropodology on Vector-Borne and Zoonotic Diseases organized by Department of Zoology, D.A.V (P.G) College, and Dehradun on 26th and 27th October 2018.
- (5) Paper presented on the topic- Seasonal Study to show direct influence of seasons on water quality, fish production and planktonic species of River Narmada, Jabalpur region in National Conference organized by Department of Botany, Chamanlal Mahavidyalaya, Haridwar on the topic-Status of upcoming trends in Biodiversity Conservation held on January 6, 2019.
- (6)) Paper presented on the topic- Functioning benefits of probiotics on skin health in national conference by ISCA in Gurukul kangri University on 15-16 Feb. 2020

BOOKS /CHAPTERS:

1. A chapter published in a Book on 'ENVIRONMENTAL ETHICS' Published by Social Research Foundation, Kanpur. (An International Journal), ISSN no. 978-81-937096-7-2.

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2. A chapter published in a book on the Topic-New Education Policy entitled “Skill Driven Society: A need for future generations of India”, ISBN no. 978-81-949514-5-2
3. A chapter published in a book on the Topic-Biodiversity Conservation entitled-Study to show direct influence of seasons on water quality, fish production and planktonic species of river Narmada, Jabalpur Region.

ARTICLES PUBLISHED:

1. Article on Kanya Bhroon Hatya published in annual magazine of National Institute of Hydrology (NIH), Roorkee.
2. Women empowerment in our country and state Uttarakhand in annual magazine (Chaman Sandesh) of Chamanlal Mahavidyalaya, Landhaura, Haridwar, Uttarakhand. (with ISBN no.) in 2019
3. Article on Water pollution in our surroundings in annual magazine (Chaman Sandesh) of Chamanlal Mahavidyalaya, Landhaura, Haridwar, Uttarakhand. (with ISBN no.) in 2020
4. Article on All about Covishield Vaccine in annual magazine (Chaman Sandesh) of Chamanlal Mahavidyalaya, Landhaura, Haridwar, Uttarakhand. (with ISBN no.) in 2021

CONFIDENTIAL WORK:

Worked as Paper setter in Uttarakhand Adhinessh Seva Aayog Dheradun 2019 June

Worked as copy checker of B.Sc 1 Zoology. Kumaun University, 2020

Worked as copy checker of B.Sc 3 Zoology. Kumaun University, 2020

LIFE MEMBERSHIP:

Life membership of Society of life sciences

Life membership of Society of Research in Biological Science.

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ORIENTATION/INDUCTION PROGRAMME

1. Attended orientation Programme (O.P-46) in Kumaun University ,Nainital in March,2020
2. Attended 4 weeks online Faculty Development Programme(FDP) in 2020 by MOOCS on the topic- Effective use of ICT tools in teaching-learning.

PERSONAL DETAILS:

Nationality : Indian
Marital Status : Married
Date of Birth : 20 May 1984

REFERENCES:

1. **Dr. K.K Dube, Retired Professor (Ph.D. guide)**
Jabalpur, M.P, India
Mob. - 9425383708
2. **Dr. Maryam Taabodi, Ph.D.,**
(Biology Lecturer and Co-co-ordinator)
University of Maryland Eastern Shore
Department of Natural Sciences
1123 Carver Hall, USA
Email- mtaabodi@umes.edu
Mob - 410-651-7527
3. **Dr. Vimal Kant Saini, (Ph.D.)**
Principal, Gurunanak Khalsa Girls College,
Jabalpur, M.P (India)
Email- kantvimai@yahoo.com
Mob. - 9425356881

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