



Name of the faculty: Dr. Shriparna Saxena

Designation: Professor

Personal Details:

Fathers Name: Late. Shri A.M.Roy

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Mob. No.: +919229200243, +916261175951

E-mail: shriparna.b@sageuniversity.edu.in

Nationality: Indian

Domicile state: Madhya Pradesh

Marital status: Married

Language known: Hindi, English, Bengali

Educational Qualification:

Ph.D. (Limnology) Barkatullah University, Bhopal, 1993.

M.Sc. (Limnology) Barkatullah University, Bhopal, 1988

B.Sc. (Botany, zoo, chem.) Barkatullah University, Bhopal, 1986

Fields of interest: Aquaculture, fish and fisheries. Wetland ecology, Aquatic Biodiversity & Water Quality

Brief Profile:

Dr. Shriparna Saxena holds M.Sc, Ph. D in Limnology from Barkatullah University, Bhopal, India. Total teaching experience 26 years in post graduate class in Limnology and Aquaculture.

Teaching experience:

- Teaching in the Dept. Of Limnology as contract lecturer since (February 1999 –June 2010).
- Asst. Professor Chitransh. A. DGP college Bhopal (2012-2022).
- Guest Faculty in Environmental Science and Limnology and Department of Zoology and Applied Aquaculture till 2021.
- Professor and Head, Department of Aquaculture, SAGE University, Bhopal. (2021-Continue)
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Research Experience:

- Worked as Research Scientist from 2004 to 2006 in NVDA funded project on Narmada M.P.
- Worked as Research Scientist in NVDA Project (2010 – 2012)

Registered Ph.D Guide in

▪ Department of Zoology and Applied Aquaculture. Barkatullah University

- Bholram Brahmne- National Fellowship For Higher of ST students.(NFHE).Govt.of India:
Awarded
- Neha Patil - Rajeev Gandhi National Fellowship for SC Students (RGNF). Govt.of India
Awarded
- Rakhi Das- Jawaharlal Nehru Memorial Fund.2016. Category. International Scholars
Awarded

▪ Department of Aquaculture, SAGE University, Bhopal.

- **Somashree Bhakta**
- **Abhishek Giri**
- **Tapas Bhunia**
- **Ayesha Banoo**
- **Nivedita Sinha**
- **Amrita Giri Das**
- **Prateek Tiwari**

▪ Department of Environmental Science and Limnology

- Sameer Choudhury
- Shilpi Sachdewa

Supervision of M.Sc. Dissertation work

- Biological diversity in certain wetlands with special reference to fish species. Quality of groundwater in Bhopal city
- Comparative studies of silted and desalted sites of Dal Lake Kashmir Electrophoretic investigation (Biological diversity) on Air Breathing Fishes of Bhopal with reference to their Diversity.
- Distribution of Mahseer in Narmada River System and Karyotyping of Mahseer for biodiversity study.
- Water Quality of River Narmada at Shahganj w/r to water supply of Bhopal. Spatial distribution and level of occurrence of nutrients and heavy metals in the sediments Of Hooghly River.

- Fish Biodiversity on the streams of Narmada basin with reference to its conservation.
- The effects of artificial substrates on freshwater pond productivity and water quality and the implications for periphyton – based aquaculture.
- Ecological Study Of River Narmada at Bandrabhan near Shahganj , MP with reference to fisheries
- Growth of *Clarius batrachus* fed on formulated diets

Supervision of M.Phil dissertation work in Aquaculture & Limnology Department of

Environmental Sciences and Limnology as Guide

1. Morphometric characters and length –weight relationship in some air breathing fishes in around Bhopal : Rajkumari Badkur: 2006-2007
2. Distribution of phytoplankton in Barna Reservoir and its downstream: Arti Gautam—2008
3. Zooplankton diversity of barna Reservoir and its downstream in different seasons: Amit Anand Thakur -2008
4. Distribution Of Molluscs in the fringe Area of Barna reservoir and its downstream: Shilpa Haldar-2008
5. Study of physico chemical characteristics of Barna Reservoir and its downstream: Deepti Minz-2008
6. Seasonal distribution of Periphyton in Barna Reservoir and its downstream-2008-Kavita Gayakwad.
7. Ecological status of selected stretch of shahpura lake with special reference to diversity of macroinvertebrates:2009—Pranita Verma
8. Study of Ichthyofauna diversity of upper lake with reference to physico-chemical properties of water: Jyoti Choudhury—2009.
9. Effect of landfill on ground water :2009-Irshad Ul Hassan
10. Study of endangered fish Mahseer (*Tor tor*) under natural and Artificial habitat with special reference to length weight relationship:2009-Sajid Mehmood Sambyal
11. Study on ecology of Macrophytes of Dal lake, Srinagar (J & K) with special reference to its conservation strategy:2010-Hakeem Sajjad Ahmad

12. The study of spirulina culture under the lab condition and natural condition using two different medium: Preeti Shrivastava-2010-2011.

Zoology and Applied Aquaculture Supervision of M.phil dissertation

1. Biodiversity of Benthos and its ecological status with special reference to water parameters in Upper Lake Bhopal, M.P: Sajjad Hussain Dar—2011-2012
2. Study of fish diversity of Upper lake Bhopal: Amir Sahi-2011-2012
3. Biodiversity of phytoplankton with special reference to water parameters in Upper Lake Bhopal: Asrar Amin Khan-2011-2012
4. Biodiversity of zooplankton with special reference to water parameters in upper lake Bhopal: Tasleem Aarif.-2011-2012.
5. Impact of Anthropogenic activity with reference to periphyton diversity of Narmada. Majid Hassan Bhatt .
6. Study on fish diversity with reference to anthropogenic stress and its conservation status of Narmada River: Ashfaq Ahmad Mir
7. macro –invertebrate diversity of two tropical lake as indicator of lake ecosystem health; Mudassir Ul Islam
8. Study on zooplankton diversity of Narmada river water with reference to water parameters; Majid Shafi Bhatt
9. Zoobenthos diversity of some tropical water bodies of Bhopal:

Supervision of M.sc and M.FSc dissertation in Zoology, Environmental Sciences and Aquaculture 200 Students.

Work experience:

- Worked as Junior research fellow in project on WATER QUALITY OF TWO LAKES AFFECTED BY THE TOXIC GAS LEAKAGE (Sponsored: Scientific Commission on Toxic Gas Leakage, GOI)
- Experience of monitoring of water and wastewater pollution of natural resource and industries.
- Worked with NGO (Society for Environmental Conservation and MP Vigyan Sabha) in the field of environmental awareness, demonstration of environmental friendly technologies, popularization of S&T in rural and urban areas with special reference to water and sanitation.
- Experience in Project formulation, Syllabus preparation and other academic and Administration work.

Affiliation:

Joint Secretary ; Society for Environmental Conservation .Member Indian Academy of sciences

Participated in:

- National Environmental awareness campaign
- Nature study camp at Pachmarhi (sponsored; Ministry of Environment &Forest, GOI)
- Nature camp at Chiklod wetland (sponsored; Ministry Environment &Forest)
- Water testing training programme (sponsored: EPCO)
- Drinking water quality monitoring: Training programme sponsored by EPCO & MPCST
- Workshop on Medicinal plants and Environment (Swami Vivekanand Shiksha Samiti)
- National Seminar on Inland Water Potential, Pollution, Management and Conservation held at Chhindwara Dec. 1999
- National Workshop on Biodiversity and Conservation of Aquatic Resources w/r to Threatened Fish Mahseer Held at Bhopal Feb. 2000 International Seminar on LCA and Eco-balance held at Mumbai in Feb.2002
- National Workshop on Life History Traits of Fresh Water Fish Population for its Utilization and Conservation. Held at NBFGR, Lucknow in June 2002.
- National Seminar on Water Resource Conservation and Ecobiology held at Ujjain in August 2002.

- Third Forum of Indian Fisheries Society held at Bhopal Oct. 2002. Attended International River Festival at Bandrabhan .Hosangabad.March2008.
- Attended National conference on Integrated Lake Basin Management with reference to Hussain Sagar Lake.Hyderabad. August ,2008.
- Attended National Conference on Climate Change and Biodiversity held at Ferguson College, Pune between 11-13 Dec. 2009.
- Attended Regional Workshop on Biodiversity held on 23/12/2009 atIndore.
- Attended International River Festival as co-ordinator of biodiversity session organized by Narmada Samagra between 21-23 March 2010.
- Attended International Conference on ILBM and Lake Management as SAARC task force member held at Kathmandu, Nepal between 26-29 March 2010.
- Attended National Seminar on Status of Biodiversity in Madhya Pradesh January 29-30,2011
- Attended National Seminar on Biodiversity conservation and management in 21st century

- **Presented Paper and delivered Invited Talks**
- Awareness programme on climate change organized by RegionalScience Centre .Bhopal.2006.Delivered an Invited Talk.

- Presented paper in the International River Festival- 2008
Bandrabhan,India:23-25 Feb.2008
- Presented paper at II International Conference The Deccan Geographical Society on Globalization, Technology and Economic Transformation: 7th-9th March 2008
- Presented a paper as Invited Talk in the national Conference on Climate Change and challenges in Biodiversity Conservation: Organized by Department of Zoology, Fergusson College, Pune: December 11-12 2009.
- Presented Paper on Second International River Festival-2010:March 21- 23 2010,,Bandrabhan,India
- Attended two day national workshop as subject expert from state at Chennai on for preparing Guide book for National Children ScienceCongress.
- Presented a Invited talk on climate and health in two day workshop at district coordinators meet of M.P at National Children science Congress held at AICUFF on July 2014.
- Presented a technical paper on a conference on aquatic biodiversity of Narmada ,Khandwa.2015
- Presented technical paper in International Conference on “Environmentand Ecology”2-4th march 2015.Kolkatta.
- Delivered an invited talk at International Workshop on Mahseer Conservation ,Kochi, India: April 2017
- Participated one day symposium on Tiger Conservation :BarkatullahUniversity:9.12.17
- Participated and Presented research paper titled “Fish feed formulation in Aquaponics System Utilizing a Requisite Protein Sources” International Conference on Environmental and Life Science(ICELS-17)
- December 2017.Kolkatta.
- Presented poster in National conference on Women Empowerment ,Education , Environment, Biodiversity, Health and Agriculture.16- 17 March. 2018.MPCST on Successful captive breeding of wild stock ofstate fish mahseer Tor tor and its conservation in forested rivers.
- Presented and participated at International Workshop on Mahseer Conservation at Bhutan from 2nd December 18 to 7th December 18.
- Presented Invited Talk at 4th Annual Global Networking Event.International Conference of WINN at Assam January.28-31 2019.
- Participated in One day expert consultation workshop.20.6.2019.IIFM Bhopal as Subject Expert

Seminars/Workshops organized

- Member, Organizing Committee of Refresher Course on Biodiversitysponsored by UGC (February, 2002)
- Coordinator: National Conference on Biodiversity and Sustainable Use ofBioresources held at Bhopal (Oct. 2002)

- Member organizing Committee National Teachers Science Congress held at Bhopal in Set. 2003 sponsored by NCSTC(DST)
- International Conference of Association of Microbiologists of India(Dec. 2006)
- Brain Storming Session on Biodiversity sponsored by DST (Dec. 2007)
- Coordinator, Technical Sessions, International Conference on Globalization, Technology and Economic Transformation held at Bhopal (March 2008)
- Participated in two day International Workshop on Integrated Lake basin Management(ILBM)in Hyderabad as member of core group of ILBM India.:28-29th August.2008
- Participated in National workshop on “Advances in Aquaculture and Fisheries – Perspectives, Prospects and Challenges” organized during ILDEX India 2009 on 3rd July 2009 at New Delhi.
- Jt. Organizing Secretary : Brain storming session on Integrated Lake Basin Management organized with Lake conservation Authority of MP and International Lake Environment Committee (Japan) between 9-10 August 2009 attended by International delegates
- Coordinator, Registration Committee and Rapporteur of Biodiversity session : National Seminar on Integrated Management of Water Resources with Reference to Biodiversity and Livelihood” held at Bhopal between 16-17 Jan 2010
- Participated as member of Organizing committee at ICMEMB organized by Department of Biotechnology and Bioinformatics centre ,BU, Bhopal.
- Participated as rapporteur at National Seminar on Innovations in Science and Technology for Inclusive Development:26th -27th March,2014 at Vigyan Bhavan,MPCST,Bhopal.
- Organized a National Conference on Developing Strategies and Institutions for Mahseer Conservation in India. September .2016.At DAVV Indore.
- Organized a one day workshop cum training on Conservation of Mahseer and its Propagation at Barwah.2019

Position Held

- **Co-Chaired** a session in National Workshop on Life History Traits of Fresh Water Fish Population for its Utilization and Conservation. Held at NBFGR, Lucknow in June 2002.
- **Coordinated** a Session on Biodiversity in International River Festival held at Hoshangabad. Feb 2008
- **Coordinated** a Session on Biodiversity in International River Festival held at Hoshangabad.Feb 2010.
- **Co-Chaired** a session on animal biodiversity in National Seminar on status of biodiversity in M.P. January 29-30,2011
- **Evaluator** for science projects at Children Science Congress of District and State Level for the year 2008 till now.
- **Resource person** at Children Science Congress of District and State Level for the year 2008 till now.
- Member of **State Level Project Steering Committee** to evaluate Mahseer conservation status in state of Madhya Pradesh.
- Nominated by **State Biodiversity Board as Subject Expert in Technical Screening Committee of Peoples Biodiversity Register. Madhya Pradesh**

- **Reviewer**
- Served as manuscript reviewer for Revista Biologia Tropical/International Journal of Tropical Biology and Conservation, an International journal indexed by the Web of Science, Google scholar, Latindex and other international indices.

- **AWARDS**
- **Vigyan Bhushan.**Awarded by NCSTC- Department of Science and Technology,New Delhi.2018.For outstanding Leadership and contributions for the popularization of science in community and Learners of science in school of M.P State.
- **State Biodiversity Award** Outstanding contribution in the field ofMahseer Conservation (State Fish Of M.P). 2018
- **Bhumi Samman.** Conferred on International Women Day for the Outstanding contribution in the field of Biodiversity Conservation in M.P.2019

- **CERTIFICATE OF APPRECIATION** from Government Of M.P. Department Of Forest for Conservation of Mahseer In forested Zones OfM.P
- **Atmamanthan Award:SAGE University,Bhopal.2021**

- **SPECIALIZED TRAINING**
 - Training course on Environmental scenario, policy and strategies (Disaster management institute) June, 1997
 - Two days orientation course on Remote Sensing and GIS in Natural Resource Survey and Management. Sponsored by NNRMS & RSAC-MPCST Bhopal 14-15 March 2000.
 - Hands on Training on Allozyme Tools For Fish Population Genetics Sponsored by NBFGR Lucknow. 16-21 April 2001.

- **RESOURCE PERSON:**
 - Member evaluation committee of National Children’s ScienceCongress 2009-18
 - Awareness programme on climate change organized by RegionalScience Centre .Bhopal.
 - Panelist at Biodiversity Session of 5th River Festival.Bandhrabhan. M.P.
 - Panelist: Green Skill Development Programme (GSDP)-ENVIS. Sponsored by, Ministry of Environment, Forest and ClimateChanges.GOI.
 - Delivered Guest Lecture at IIFM Bhopal in a Training Programme on Science and Art of River Rejuvenation through Forestry. February 24-28.2020

- Panelist for International discussion on **Impacts of Covid 19 on Indian rivers. Represented Central India –Organized by Mahseer Trust/Bournemouth University.**

- **Delivered a popular lecture “State fish of Madhya Pradesh, Mahseer (Tor tor) Status and conservation Strategy “ for International Biodiversity Day series, organized by Bhopal Birds.**

- **Resource Person for developing Manual Eureka Kit** for Children Science Congress. Department of Science and Technology. New Delhi.

- Appointed as External Subject Expert in **Rajasthan Public Service Commission (RPSC)** for the selection of **Fisheries Development officer & Asst. Fisheries Development officer, 2023.**

Research project

1. Enhancement of Fish Productivity through Integrated Fish Farming sponsored by **Department of Science & Technology, New Delhi** as Co-investigator.
2. Enhancement of fish growth in pond culture using periphyton as natural food sponsored by **Department of Science & Technology, New Delhi** 2005-2006
As Investigator:Rs.8,30,500/-
3. Study of fish biodiversity in relation to habitat characteristics in river basins in mp with special reference to Mahseer (*Tor-tor*) as Investigator. Sponsored by **ICAR**.2004-2006;Cost-11,70,800.00
4. Pre & Post impoundment Limnological studies of the central zone Narmada Development basin for its ecology and water quality.Co-investigator. **Narmada Valley Development Corporation**, Govt. of MP .2004-2009.Cost:1.51 Crore
5. Selective breeding of *Clarius batrachus* under Resource mobilization Incentive sanctioned by **UGC** as Investigator,2005-2007:Cost:10 lacs.
6. Mapping of Riverine Wetlands : Narmada River sponsored by **Space Application Center ISRO** as Investigator 2006- 2008.Cost:11,70,800.00
7. Developing Suitable Nursery Techniques and Plant Production for propagation of Rare,Endemic and Threatened(RET) plants in malwa Region of M.P :as Co-investigator :2011-12 and 2012-13.Sponsored by **M.P.Minor Forest Produce Federation**:Costing:18.00 lakhs.
8. Research of Preventive methods for Control of Damage due to Giant African land Snails in forest Nurseries of Malwa:Research and Extension Circle,Indore of **M.P ForestDepartment**. As Investigator:Rs.4.90 Lakhs:Period.Twoyears. (2012-13 and2013-14)
9. Conservation of the M.P State Fish ,Mahseer in Wildlife forested Watersheds of Barwah Forest Division.

On –Going Research Projects:

- Conservation Breeding of the Madhya Pradesh State Fish, Mahseer (*Tor tor*) in Barwaha Forested Watersheds of Barwaha Forest Division. Sanctioned by State Biodiversity Board. For a period of one year 2018- 2019. Rs.14.lakhs.As Principal Investigator.

Papers accepted in conference:

- International conference on Conservation, management of tropical inlandwater: problems, solutions and prospects (Hongkong University, 1991)
- International Conference on Land Water Interaction, 1991.
- International Conference on Tropical Limnology held at Indonesia in1994.
- National Symposium on Environmental Biology, NEHU Shillong 1999. International Conference on Water & Health. 2002
- Annual Session of Academy of Biology, 2002. Aquaculture Development of some small water bodies of
- Betul District by preparing spatial database. Accepted at Map Asia 2010 at Kuala Lumpur. Malaysia.

Research Publications

1. Bacterial Water Quality of Some Public Bathing Places of Bhopal, Bhopal University Research Journal 2 (1990)Shriparna Roy, Vipin Vyas and Sushil Mudgal.
2. Limnological status of a sewage polluted pond in an industrialtownship. Recent trends in Limnology; 427-438 (1990) Sushil Mudgal,Vipin Vyas, Shriparna Roy, G. H. Joshi and P. Shrivastava
3. A study of catchments area of Upper Lake, Bhopal (MP). Indian J.Zoo. Spect; vol I, No.2 (21-26) (1990) Praveen Tamot, Satayendra Kahre, Pradeep Shrivastava, Rajesh Gupta and Shriparna Roy.
4. Status of ground water quality in relation to land use pattern: A casestudy of Bhopal city. J.Hydrobio. 8 (1) : 83-87 (1992) Shriparna Roy and Pradeep Shrivastava.
5. Biodiversity study of two Indian Major carps & exotic carp from different water bodies in Bhopal. *Indian J. of Applied & Pure Biology. Vol 15, No 2, 2001.* Shriparna Saxena, Asha Verma andPradeep Shrivastava
6. Ground Water Quality of Bhopal (India). *Environment and Agriculture Biodiversity, Agriculture and Pollution in South Asia, 2001, pp.525-527, Publisher: Ecological society (ECOS) (Ed: Jha, Baral, Karmacharya, Lekhak, Lacoul and Baniya 2001, S.saxena and P.Shrivasta*

7. Ground Water Quality of a Typical Urban Settlement : A case study of Impact of Town Planning. Pollution Research ISSN:0257-8050- 21(2). 223-226 2002. Shriparna Saxena and Pradeep Shrivastava
8. Status of Mahseer Distribution in River Basins in Madhya Pradesh and need for Further Ecological Investigations For Their Conservation. Proc of NBFGR 2002
9. On Conservation of Declining Mahseer Populations in MP River Basins. Fishing Chimes. ISSN 0971-4529- Vol. 23 (No. 1) April 2003. Shriparna Saxena, Pradeep Shrivastava, R.P.Tuli
10. Spatial distribution and level of occurrence of nutrients and heavy metals in the sediments of Hoogly river. Pollution Research. ISSN:0257-8050 23(4):833-835- 2004 Sumana Dutta and Shriparna Saxena
11. On the occurrence of fingerlings of Mahseer of Denwa river in Pachmarhi Biosphere Reserve M.P. Fishing chimes :ISSN 0971-4529. April 2004 Vipin Vyas, Shriparna Saxena, R.P.Tuli.
12. Fish Biodiversity on the streams of Narmada basin with reference to its conservation. Proc. Of NBFGR 2005 to be included. Shriparna Saxena, Vipin Vyas, Umashankar Sarkar.
13. Length weight relationship of *Tor tor* (Hamilton, 1882) of some reservoir of central India. J. Exp. Zool. India. Vol.9, No 2, July 2006 Shriparna Saxena, Sumana Dutta, Gyanesh Shukla and Pradeep Shrivastava
14. Observation on the status of morphometry phenology of *Tor. Mahseer* in different habitat of Narmada water. AQUACULT .Vol.8 2007, 63-7 Shriparna Saxena, Gyanesh Shukla, Sumana Dutta.
15. Present Status Of Ichthyofaunal Diversity of Upper Stretch Of River Tapi with Reference to its Habitat Diversity. Proc. Of NBFGR 2007 ISBN:978-81-902951-9-2 Shriparna Saxena, Gyanesh Shukla.
16. Observation of Length-wt relationship and condition factor of *Tor tor* from river Narmada River, Life Sciences Bulletin. Vol 05 (2) 2008:ISSN 0973-5453 Shriparna Saxena, Gyanesh Shukla, Sumana Dutta
17. Integrated fish farming for Tribal Fish Farmers of Betul District. Navin Samajik Shodh (1) 28-34. 2009 Satish Balapure, Brijesh Sharma, Vipin Vyas, Shriparna Saxena
18. Study of Fish Growth in Pond Ecosystem Feed on Periphyton Grown on Sugarcane Baggase substrate. Naveen Samajik Shodh Vol. 12 P 25-29/2010 Shriparna Saxena, Vipin Vyas, Satish Balapure, Deepti Mishra.
19. Conservation of Bhoj Wetland With ILBM approach. Website of ILEC, Japan 2010. Vipin Vyas, Shriparna Saxena, Pradeep Shrivastava.
20. ILBM in conservation and management of bhoj Wetland (Upper Lake): A Ramsar Site of

Bhopal (INDIA) National Seminar on ILBM for the Sustainability of Himalayan Lake-Kathmandu Nepal-March 26-29,2010Page:35-39Vipin Vyas, Shriparna Saxena and Pradeep Shrivastava.

21. Biodiversity Conservation in Wetlands of Barna Reservoir with referenceto migratory birds.Vipin Vyas, Shriparna saxena, Satish Balapure andPradeep Shrivastawa
[Http/wldb.ilec.or.jp/data/ilec/WLC13/others/42.pdf](http://wldb.ilec.or.jp/data/ilec/WLC13/others/42.pdf).
22. Seasonal variation of diversity of Molluscan species in BarnaReservoir. Journal of Aquatic Biology Vol.25 (1) 2010 Shriparna Saxena,Satish Balapure,Shilpa Haldar
23. Blue green micro algae Spirulina: A gift of Nature *Naveen SamajikShodh* Vol. 11 P 23-24/2010.
24. Bioaccumulation of some heavy metals in water, plankton and sediment in lakes of Bhopal;Amiya Tirkey,Shriparna Saxena,Alok Saxena and Sandhya Mokhle.National Journal of LifeSciences:Vol.07.Number 3.December:2010.25-28
25. Study the seasonal variations in physico chemical characteristics of Halali Reservoir.Inventi Rapid:Water & Environment .Vol.2011.Issue 3.- ISSN 2229-7766 Sushma Ahirwar,dharmendra singh,Shriparna Saxena,Vipin Vyas.
26. Fishing Practices among tribals:Tradition ,Tools& Techniques-Bulletin- Tribal Research&Development.Govt of M.P.Vol.51(April 10-March11).
27. Evaluating the effect of Landfill lechate on groundwater quality in relation to physico chemical and bacteriological characteristics :Journal of chemical and Pharmaceutical Research,2012,4(12):5202-5214:ISSN:0975- 7384 Irshad Ull Hussain Lone,Ajay Kumar,Fatima Khan,Shriparna Saxena,Arshad Iqbal Dar.
28. Assessment of physico- chemical characteristics of surface and bottom strata of upper lake,Bhopal.:Bioscience Guardian,Vol 4,Number1,June 2014.ISSN 2277-9493.AH.Bhatt,Shriparna Saxena,K.C.Sharma
29. The role of benthic invertebrate species in freshwater ecosystem Zoobenthic species influence in energy flows and nutrient cycling:International journal Of Advanced Research:Shriparna Saxena.2013Impact factor:1.659,Index Copernicus value 2012:4.96 ISSN no 2320- 5407.
30. Impact of different feeds on growth of *Clarius batrachus*(Gunther) :International Journal of science and Research Volume 3 Issue 8,August 2014:ISSN:2319- 7064,Impact Factor:2012:3.358 Index Copernicus value 2012:5.34 : Shiparna Saxena.
31. Study on phytoplankton diversity of a fish pond:International Human Research Journal ;ISSN2347-7067:Impact factor-0.798 :Volume II,July- September ,2014.:Shriparna Saxena
32. The role of benthic invertebrate species in freshwater ecosystem Zoobenthic species influence in energy flows and nutrient cycling:Shriparna Saxena: International Journal of advanced Research:Vol2,Issue,8,686-693:2014

33. Study of zooplankton diversity of Upper Lake, Bhopal: International Human Research Journal: 2014: Vol II ,issue III: 1-7: 2347-7067 ISSN No”
34. Study on Socio-economic status of fisherman community of Upper Lake: Priliminary Survey: International Journal of science and Research: Vol 3 issue 8: 2014; 2047-2048 ISSN:2319-7064
35. Biodiversity of Phytoplankton with special reference to water Parameter in Upper Lake: Naveen Samajik Shodh:2014: Vol 6124-130ISSN:;0975-4431. Peer Reviewed by refers Journal of Ecophysiology and Occupational Health Volume 15, Issue 1&2, June 2015
36. Mahseer in India: An overview on Research Status and Future Priorities, U. K. Sarkar , B. K. Mahapatra , S. Roy Saxena , A. K. Singh
37. Study on fish diversity of halali Reservoir: Shriparna Saxena: Lfe Sciences Bulletin :Vol.11(1)2014. Accepted.
38. A compact aquaponics system in Indian premises and confront hurdles to assemble this system: IJRASET: Volume ,issue 1, January 2018. Rakhi Das, Shriparna Saxena.
39. Fish food formulation in Aquaponics system utilizing a requisite protein sources. IJCRT
40. An anthropogenic activity: The conservation of sardar sarovar dam becomes threatening for the aquafauna (Fish species) diversity & also responsible for the alternation in the IUCN status of Barwani district Madhya Pradesh. International journal of science & innovative research. Bholaram Brahmane, Shriparna Saxena.
41. Conservation of Mahseer fish in Madhya Pradesh by following, SPR, VOL-161, 2021.
42. Comparative Study of Macro-Invertebrates of Bhoj wetland , Bhopal- In relation to water quality, Somashree Bhakta, IJNRD, 2022, ISSN: 2456-4184, VOL-8.
43. A Review on Conservation Strategies of A Wonder Fish Asian Catfish *Clarius Batrachus* (Linnaeus, 1748) By Artificial Propagation Method. Abhishek Giri & Shriparna Saxena. 2023, DOI:10.24966/AAF-5523/100072.
44. A Study on Fish Diversity of Meghalaya. Bashemphang Snaitang, Shriparna Saxena, Hameka Papang & M. K. Yadav. 2023, ISSN- 2249-3239.
45. A comparative study on hormone optimization techniques for artificial breeding and seed production of magur (*Clarius batrachus*), Abhishek Giri & Shriparna Saxena, IJR-ISSN:2250-1991, volume-13, Issue-03

46. Effect of Dietary Supplement of Eucalyptus grandis Leaf Powder on Growth Performance and Haematological Parameters of Labeo rohita, Bharat Patel , Shriparna Saxena, Neetu Patel , Samad Sheikh, Indulata Tekam , Shiv Mohan Singh , Ashutosh Lowanshi, 2024; Asian Journal of Current Research Volume 9, Issue 1, Page 52-59, Article no.AJOCR.11872ISSN: 2456-804X
47. Study on the Breeding Ground of Mahseer (*Tor tor*) in Narmada River of Jabalpur District, India, Pteek Kumar Tiwari, Shriparna Saxena and Sona Dubey, 2024; Journal of Global Ecology and Environment, ISSN: 2454-2644, Vol.20.
48. A Review Of Pattern Of Fish Diversity & Its Management Practices In Several Water Body In India, Somashree Bhakta and Shriparna Saxena, 2024; International Journal Of Fisheries And Aquatic Studies, ISSN: 2347-5129
49. To Study The Ichthyofaunal Diversity Within Selected Water Bodies Of Bhopal, Madhya Pradesh, Suchitra Taurangbam and Shriparna Saxena, 2024; International Journal Of Research Analytical Reviews, ISSN: 2348-1269
50. Replacement Of Rice Bran With Curry Leaves (*Murraya koenigii*) in the Diet Of Nile Tilapia (*Oreochromis niloticus*), Ashma Debbarma, Shriparna Saxena, Rejoice Uchoi And Deepak Kher, 2024; Biological Survey of India, ISSN: 2249

Books Published

Nirmal Narmada Ki Pehchan:-Mahsheer Publication Narmada Sanrakshan Pahal.

Popular Lectures Delivered;

- Delivered lecture on Rural Drinking Water Quality at RD Gardi Medical College, Ujjain in March, 2002
- Delivered Lecture on Water Quality at Workshop on Drinking Water for Women held at Bhopal in May,
- Delivered a talk at **Lok sabha TV on Mahseer conservation in M.P. 2018.**
- Delivered a Invited talk at National Webinar series on “**Biodiversity, (Wildlife, Avian Fauna) Conservation and Sustainable Development.**” (Rewa M.P.).