

RESUME

Dr.(Mrs) SARAS

99, Chanakyapuri, New PAC Lines, Near Shyam nagar, Kanpur, UP
D.OB- 06-08-1977
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MB-09807036090

Profile URL: <https://vidwan.inflibnet.ac.in/profile/182548>

- Currently working as Assistant Professor-Zoology, Department of Zoology, D-AV College, affiliated to CSJM University, Kanpur, India
- Consultant (Honorary) to Loqman Consultancy Pvt. Ltd., Delhi for research projects related with environment and sustainable development.
- Advisor (Honorary) to Social Economic and Versatile Welfare Association, Lucknow for career Counseling of students in various states of India.
- Member, Gyan Mandir Vidyalaya, an NGO to organize awareness workshops for rural areas.

She comes with a wide range of nationally recognized qualifications and worked closely with private institutes, non-government organizations, and research organizations in development, research, and training. Her qualifications and 15 years of experience at different levels in various organizations have provided her with in-depth knowledge in Education, excellent leadership, analytical, and management skills with exceptional ability to prioritize and multi-task to meet deadlines. She also designed the unique measurable metrics for the student's team for the timely achievement of targets in terms of assignments and live projects in the area of environment. She has guided hundreds of students of graduation post-graduation for their dissertations and assignments, developing career plans, teach them job search techniques while informing them about the labor market in Zoology & Environment.

Her publication includes- Book, Book chapters, and research papers in international and national journals and have attended several international conferences, seminars, and workshops also.

Academic Qualification:

- Complete Ph.D. in Environmental Science from Kanpur University in 2008 the - theme of the Ph.D.-Studies on the “Effect of pollution on plankton diversity of lentic waters of Kanpur”
- Completed M.Sc. in Zoology from Kanpur University in 1999 with 1st division
- Completed B.Sc. In Zoology, Chemistry, Botany from C.S.J.M.U., Kanpur in 1997 with 1st division
- One-year Diploma in Computers Application in 2002.

Work Experience-15 years

- **2009- Assistant Professor (Grade-I)**
D.A-V Post Graduate College, Kanpur :C.S.J.M. University, Kanpur (U.P.)
- **2007-2009- Guest Faculty**
Institute of Technology and Science, Ghaziabad

Up - Gradation-

- 2021 - Refresher course, (Life Sciences), Ramanujan College (D.U.)
- 2021 - Refresher course, 21st Century Environmental Issues, Challenges & Solutions), Ramanujan College (D.U.)
- 2021 - Refresher course, (Advanced research methodology Tools and Techniques), Ramanujan College (D.U.)
- 2020 - Orientation programme , Ramanujan College (D.U.)
- 2020 – FDP (Managing online classes and Co-Creating MOOCS 3.0), Ramanujan College (D.U.)
- 2020- FDP (Quantitative methods for Data analysis) , Ramanujan College (D.U.)
- 2020 - FDP (Research Methodology), Ramanujan College (D.U.)
- 2020 -FDP (Systematic Literature Review and Meta- Analysis) , Ramanujan College (D.U.)
- 2020- Professional certificate course on (NAAC) of 2 months, IQAC CLUSTER INDIA
- Diploma Programme(6 Months) in ENVIRONMENTAL MANAGEMENT & ISO14000/14001.

Honours and Awards-

2021

**Indo-Asian distinguished scientist Award 2021 in Environmental Biology
IMRF, India**

2019

**Award entitled “Emerging Researcher (Environment Science)
I.E.D., Government of U.P.**

Membership in Professional Bodies-

2012- The Indian Science Congress Association
Life member (L 19261)

Accolades: -

- 2021- U.P. Higher Education NEP 2020, Committee for UG Sallybas Of BIOTECHNOLOGY For 3 years, as SUBJECT DEVELOPER EXPERT
- 2021- KEY-NOTE SPEAKER, International Conference
- 2021 - Reviewer of paper presentation and Conference chair of the international conference
- 2021- Reviewer –JETIR
- 2020- Reviewer of paper presentation and Conference chair of the international conference
- 2019- Paper setter of B.Sc. forestry (Hons.) C.S.A. University, KANPUR

Patent-

IOT - BASED PRODUCTION OF ENVIRONMENT- FRIENDLY BIO-FUEL FROM RENEWABLE RESOURCES

Dr. B.bioyi, Dr. Raffik, Dr. Saras etl.

- Biological Science * Completed
- Filed 2021-07-17 * Published 2021-11-02
- Status- Granted

Publications-

BOOK-

- Environmental Studies

PUNEET MOHAN, SARAS, DEEPTI GUPTA

book Environmental Studies, **Volume 1, in 2005, Pages 1-167**

List of Research Papers/Book chapters-

- Approaches on Poverty and its measurement problem: Public policy outlook

Dr. Namita Srivastava, Dr. Saras, Dr. Puneet Mohan

article Journal of research in environmental and earth sciences, **Volume 8(6), 2022, Pages 32-40**

- Cross-sectional study of career choice determinants of engineering students and its association with academic performance and socio-demographic characteristics

Dr. Namita Srivastava, Dr. Saras, Dr. puneet Mohan

aip Journal of Social Science **Volume**, 2022, (in press).

- Right to city: Citizens and Migrants Prospective

Dr. Namita Srivastava, Dr. Saras, Dr. puneet mohan

article GIS SCIENCE JOURNAL, Volume 8(11),2021, **Pages 49-59**

- Monitoring of the fluctuations in seasonal water quality of a permanent waste water system and its impact on the population of planktons: Kanpur(U.P.)

Dr.Saras

book chapter Environmental challenges causes and effect, **Volume** , 2021, **Pages174-179**

- BIO-MONITORING IS THE MOST IMPORTANT TOOL FOR THE ASSESSMENT OF POLLUTION IN THE LENTIC WASTE WATER SYSTEM OF KANPUR DEHAT
Dr.Saras

article JETIR, **Volume 8(9), 2021, Pages a44-a47**

- A study of students of professional and conventional courses regarding awareness of the Environment and Sustainable development

Dr. Saras, Dr. namita Srivastava, Dr. puneet mohan

Edited book chapter Environment and Sustainable development, **Volume** 1st edition, December, 2020, **Pages** 131-139

- Limnological Study of Polluted Shallow Water System and Its Impact On the Population of Different Species of Euglena: Kanpur(U.P.)
Dr. Saras

conference paper Life Sciences International Research Journal **Volume** 5,2018, **Pg**-9-12

- Estimation of fluoride in drinking water and its impact on population of block Bangarmau, Unnao.
Dr. Saras

article Life Science Bulletin , **Volume** 12, 2015, **Pages** 65-67

- A study of environmental awareness among the Students in NCR :A comparative study of students of professional and conventional courses
Dr. Saras

conference proceedings Emerging trends in Science and Technology in 21st Century, **Volume** ,2014, **Pages** 99-108

- Limnological Study of river Hindon at Ghaziabad(U.P.)
Dr. Saras

article Life Science Bulletin , **Volume** 10, **Year** 2013, **Pages** 103-105

- Studies on the effect of pollution on plankton diversity of lentic waters of Kanpur(U.P.)
Dr. Saras

article Life Science Bulletin , **Volume** 09, **Year** 2012, **Pages** 70-72

- Studies on shallow polluted hypertonic systems of Kanpur.
Dr. Meera Asthana, Saras

conference proceedings Anthropogenic stress on the environment and sustainable development, **Volume**, 2005, **Pages** 294-298

Paper Presentation-

- Paper presented titled “Limnological Study of Polluted Shallow Water System And Its Impact On The Population Of Different Species Of Euglena: Kanpur(U.P.)” in international conference, in 2018.
- Paper presented entitled “Studies on a shallow polluted Hypertrophic system of Kanpur” in a national seminar proceeding in Allahabad 2004.

- Presented paper entitled, “Bio-monitoring is the most important tool for the assessment of chronic pollution by means of Bio-indicators in lentic water systems of rural Kanpur” in the national seminar Organized by Indian Science Congress Association, Kanpur Chapter in Dec. 3-4, 2012.

Publication of Abstract-

- Abstract published entitled, “Innovation in science of inclusive growth” Organized by Indian Science Congress Association, Kanpur Chapter on Nov.23-24, 2013.
- Abstract published entitled, “Bio-monitoring is the most important tool for the assessment of chronic pollution by means of Bio-indicators in lentic water systems of rural Kanpur” in the national seminar Organized by Indian Science Congress Association, Kanpur Chapter on Dec. 3-4, 2012.
- Abstract published entitled, “Importance of natural resources” in the national seminar sponsored by U.G.C. New Delhi, Organized by dept. of Botany, DBS Collage, Kanpur on Dec. 1-2, 2011.
- Abstract published entitled, “Estimation of Fluoride concentration in drinking water and its impact on human health in block Sikandarpur, Karn district Unnao(U.P.)” in the national seminar sponsored by U.G.C. New Delhi, Organized by dept. of Zoology, BND Collage, Kanpur on Feb. 01, 2011.
- Abstract published entitled, “Causes of water pollution” in the national seminar sponsored by U.G.C. New Delhi, Organized by dept. of Zoology, BND Collage, Kanpur on Feb. 01, 2011.
- Abstract published entitled “Estimation of Fluoride in drinking water in block Bighapur, district Unnao, “in the national seminar sponsored by U.G.C. New Delhi, Organized by dept. of Zoology, DG Collage, Kanpur on Nov. 20-22, 2010.
- Abstract published entitled, “Effect of global changes on wildlife” in the national seminar sponsored by U.G.C. New Delhi, Organized by dept. of Zoology, DG Collage, Kanpur on Nov. 20-22, 2010.
- Abstract published entitled, “Effect of BHC in pituitary glands of *Heteropneustes Fossilis*” in national symposium sponsored by DST and U.G.C., Organized by dept. of Zoology, M.M.H. Collage, Ghaziabad on Feb. 19-20 2010.
- Abstract published entitled, “Abundance of phytoplankton in shallow waste system in Kanpur” in national conference, Organized by Sacred Heart Degree Collage, Sitapur in collaboration with prof. H.S.Srivastava foundation for Science and Society on Feb. 20-21, 2010.
- Abstract published entitled, “Study on compatibility of used growth regulators and common Fungicides for Wheat seed treatment against Khapra Beetle, *Trogoderma granarium Everts* (Coleoptera:Dermstidae)” in national seminar, Organized by Dept. of Zoology D.B.S. Collage, Kanpur, on Jan. 16-17, 2010.

- Abstract published entitled, “Plants as anticarcinogens” in national seminar sponsored by U.G.C. New Delhi, Organized by Dept. of Botany, D.A-V.P.G. Collage, Kanpur, Nov. 29-30, 2009.
- Abstract published entitled, “Planktons in shallow waste water system as bio-indicators” in national seminar sponsored by U.G.C. New Delhi, Organized by Dept. of Botany, D.A-V.P.G. Collage, Kanpur, Nov. 29-30, 2009.

Participation in National Seminars/Conference/Workshops-

- Participated in many D.B.T. sponsored workshops on “Bio-Informatics “ organized by D.G College, Kanpur in 2016,2017.2018,2019.
- Participated in the Regional Rural Science Congress series entitled, “Innovation in science of inclusive growth” Organized by Indian Science Congress Association, Kanpur Chapter held on Nov. 23-24, 2013.
- Participated in the National Seminar on “Science for shaping the future of India” Organized by Indian Science Congress Association, Kanpur Chapter held on Dec. 3-4,2012
- Participated in the National Seminar on “Changing Environment: Present scenario and its Conservation” Sponsered by U.G.C. & Organized by D.B.S.Collage , Kanpur held on Dec. 1-2, 2011.
- Participated in the National Seminar on “Aftermath of Global changes on Biological World” Sponsered by U.G.C. & Organized by D.G.Collage , Kanpur held on Nov. 20-22, 2010.
- Participated in the National Conference on “Challenges in Life Science with changing Environment” Organized by Organized by Sacred Heart Degree Collage, Sitapur in collaboration with prof. H.S.Srivastava foundation for Science and Society in Feb. 20-21, 2010.
- Participated in national symposiumon “Animal biodiversity: Physiological aspects of Environmental strategies” sponsored by DST andU.G.C., Organized by dept. of Zoology, M.M.H. Collage, Ghaziabad in Feb. 19-20, 2010.
- Participated in the National Seminar on “New advances of biology: Solutions to environment & agricultural problems” Organized by D.B.S.Collage, Kanpur held on Jan. 16-17,2010.
- Participated in the National Seminar on “Environmental degradation & Biodiversity: Problems & Prospects” Sponsered by U.G.C. & Organized by D.A-VCollage , Kanpur held on Nov. 29-30, 2009.
- Participated in the National Workshop on Research Methodology & Data Analysis Using “IBM SPSS STATISTICS” Package, Organized by dept. of computer application, D.G.Collage , Kanpur, held on March 1-2,2013.

- Participated in the National Workshop on “Basic concepts of Bioinformatics & Bioinformatics Software” Organized by Organized by Bioinformatics infrastructure facility centre of D.B.T. ministry of science & technology, govt. of India ,D.G.Collage ,Kanpur held on Feb. 6-9,2013.
- Participated in the National Workshop on “Bioinformatics: The applications of artificial intelligence” Organized by Bioinformatics infrastructure facility centre of D.B.T. ministry of science & technology, govt. of India ,D.G.Collage ,Kanpur held on Dec.24-26,2011.
- Participated in the National Workshop on “Bioinformatics: Tools & their application”Organized by Bioinformatics infrastructure facility centre of D.B.T. ministry of science & technology, govt. of India, D.G.Collage ,Kanpur held on Nov. 1-4, 2011.
- Participated in the National Workshop on “Green chemistry” organized by Chemistry Department at A.N.D.N.N.M Mahavidyalaya, Kanpur , 2009.

Research Ids/URL-

- **Profile URL: <https://vidwan.inflibnet.ac.in/profile/182548>**
- GOOGLE SCHOLAR ID
https://scholar.google.com/citations?user=ROKizPUAAAAJ&hl=en&citsig=AMD79oqawGxA_M1VODMepcOxsy-aAug7BYA
- ORCID ID
<https://orcid.org/0000-0001-8205-6144>

Date-

Place-

(Dr. Saras)

Area of interest- Environmental Biology , Cytogenetics.

Hobbies- Writing short stories & reading books related with environment

Professional membership – Life Member of Indian science congress.

(Dr. Saras)

Place-