

CURRICULUM VITAE

Dr. Arun Kr. Singh
M.Sc., M.Ed., Ph.D. [Zoology]

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OBJECTIVE:

To seek challenging career and establish myself as a Research fellow or teaching Associated with Organization that provides a promising career path & growth.

SUMMARY:

Since twelve years I am teaching Zoology subject to Graduation & P.G. level students & also conducting practical classes & viva.

PROFESSIONAL QUALIFICATION:

- Ph.D. in Zoology on topic entitled “**Effect of Tannery Effluents on the Histology of important vital organs of Labeo Rohita (Ham.)**” From Dr. B.R.A. University, Agra.
- M.Ed. in 2010 from Dr. B.R.A. University, Agra.
- B.Ed. in 2005 from Dr. B.R.A. University, Agra.

ACADEMIC QUALIFICATION:

- M.Sc. (Zoology) in 2001 from Dr. B.R.A. University, Agra.
- B.Sc. (ZBC) in 1999 from C.S.J.M. University, Kanpur.
- Intermediate in 1996 from U.P. Board, Allahabad.
- High school in 1994 from U.P. Board, Allahabad.

EXTRA-CURRICULAR ACTIVITIES:

- Completed NSS Camp in 1999 from C.S.J.M. Uni., Kanpur.
- Completed U.P. Bharat Scouts & Guides camp in 1995 & 2005.
- Participated in the “**Vocational Training Programmed on Mushroom cultivation**” organized by centre for Extension Education, IGNOU, New Delhi held from 2002.

COMPUTER LITERACY:

- Completed six months DCA course from **Indian School of Statistics and Computer Science**, Sanjay Place, Agra.

PUBLISHED PAPERS:

- **A.K.SINGH**, K.S.RANA & V.TIWARI (2003). Anomalies in hematological parameters of an Indian major carp. *Labeo rohita* (Ham.) Under copper & chromium poisoning. *J.Current Science.*, 3(2):475-478.
- **A.K.SINGH**, K.S.RANA & V.TIWARI (2003). Changes in hematocrit values of *Labeo rohita* under the toxicity of cadmium chloride. *U.P.J.Zoology.*, 7(2):161-162.
- **A.K.SINGH**, K.S.RANA & S.SOLANKI (2004). Biococoncentration of chromium, copper & iron in an Indian major carp. *Labeo rohita* (Hamilton). *Indian J.Environ. & Ecoplan*, 8(1):217-219.
- **A.K.SINGH**, K.S.RANA & S.SOLANKI (2004). Toxicity of heavy metals to Indian major carp. *Labeo rohita* (Ham.). *U.P.J.Zoology.*, 24(1):51-54.
- **A.K.SINGH**, K.S.RANA & S.SOLANKI (2005). Ecological status of Khari nadi at Agra. *U.P.J.Zoology.*, 25(1):97-100.
- **A.K.SINGH**, K.S.RANA & S.SOLANKI (2005). Histological change in liver of a fish *Labeo rohita* (Ham.) due to chromium. *U.P.J.Zoology.*, 26(1):111-112.
- **A.K.SINGH**, A.SARKAR & P.MISHRA (2008). Studies on Physico-Chemical characteristics of Khari nadi water, Agra,(U.P.). *Environ. Monitor. & Manag.*, 115-119.
- **A.K.SINGH**, NEHA KR. YADAV, B.K. YADAV & J. KUMAWAT (2018). Physico-chemical analysis of Yamuna river water at Agra, Uttar Pradesh, India. *Asian J. of Agriculture & Life Sciences.*,3(4):9-12.

- **A.K.SINGH & KAVITA SHARMA** (2018). Spiritual education in reference in Gandhian Philosophy: A Study. *Annals of Education*.,4(4):18-20.
- **A.K.SINGH & K.KUMAR** (2019). Water quality status of some urban ponds of Agra, Uttar Pradesh. *Journal of Current Science*.,20(01).
- **A.K.SINGH, K.S. RANA & KAVITA SHARMA** (2019). Chromium, Nickel and Zinc induced histopathological alternation the liver of Indian Common Carp *Labeo rohita* (Ham.) on publication.....

PAPERS PRESENTED/ PARTICIPATED SEMINARS:

WASTE WATER MANAGEMENT FOR INDUSTRIAL WASTE IN COMMON EFFLUENT TREATMENT PLANT- A CASE STUDY. Paper presented at National Seminar on “Yamuna Water Pollution and Its Control Measures: Present and Future Strategies, 2014.” Sponsored By: Department of Higher Education and Department of Botany, R.B.S. College, Agra.

PHYSICO- CHEMICAL SPECTRUM OF THE RIVER YAMUNA WATER COLLECTED FROM THE POHIAGHAT, AGRA. Paper presented at National Seminar on “Yamuna Water Pollution and Its Control Measures: Present and Future Strategies, 2014.” Sponsored By: Department of Higher Education and Department of Botany, R.B.S. College, Agra.

PRIMARY TREATMENT OF TANNERY EFFLUENT AND DETERMINATION OF LC₅₀ FOR LABEO ROHITA (HAM.). Paper presented at National Seminar on “Yamuna Water Pollution and Its Control Measures: Present and Future Strategies, 2014.” Sponsored By: Department of Higher Education and Department of Botany, R.B.S. College, Agra.

PHYSICO- CHEMICAL CHARECTERSTICS OF YAMUNA RIVER WATER AT AGRA. Paper presented at National Seminar on “Yamuna Water Pollution and Its Control Measures: Present and Future Strategies, 2014.” Sponsored By: Department of Higher Education and Department of Botany, R.B.S. College, Agra.

AQUATIC BIO-DIVERSITY CONSERVATION FOR HUMAN WELFARE. Paper presented at National Seminar on “Climate Change and Biodiversity”, 2013. Sponsored by U.P. Govt. Higher Education & department of Botany, R.B.S. College, Agra.

EFFECT OF COPPER ON GILLS OF INDIAN MAJOR CARPS LABEO ROHITA (HAM.)- A HISTOPATHOLOGICAL STUDY. Paper presented at National Seminar on “Climate Change and Biodiversity”, 2013. Sponsored by U.P. Govt. Higher Education & department of Botany, R.B.S. College, Agra.

EFFECTS OF GLOBAL CLIMATE CHANGE IN ENVIRONMENT. Paper presented at National Seminar on “Climate Change and Biodiversity”, 2013. Sponsored by U.P. Govt. Higher Education & department of Botany, R.B.S. College, and Agra.

WATER QUALITY STATUS OF SAMAN BIRD SANCTURY LAKE, DISTRICT MAINPURI, and U.P. Paper presented at National Seminar on “Climate Change and Biodiversity”, 2013. Sponsored by U.P. Govt. Higher Education & department of Botany, R.B.S. College, Agra.

NUTRITIVE AND MEDICINAL VALUE OF SOME INDIGENOUS ROOT VEGETABLE. Paper presented at National Seminar on “Conservation, Cultivation & Sustainable Utilization of Medicinal & Herbal Plant” 2012. Sponsored by University Grants Commission, New Delhi & Organized by Department of Botany, R.B.S.College,Agra

PHYSICO-CHEMICAL STUDY OF MAARKANDESWAR RESERVOIR, MAINPURI DISTRICT, and U.P. Paper presented at National Seminar on “Emerging Trends in Higher Education” 20 to 21 Jan. 2012. Organized by Government P.G.College, Jalesar, and Etah.

PHYSICO-CHEMICAL STUDY OF MAARKANDESWAR RESERVOIR, MAINPURI DISTRICT, U.P. Paper presented at National Seminar on “Conservation, Cultivation & Sustainable Utilization of Medicinal & Herbal Plant” 2012. Sponsored by University Grants Commission, New Delhi & Organized by Department of Botany, R.B.S.College, Agra.

EFFECT OF FLUORIDE ON GROWTH OF FINGERLINGS OF FRESH WATER FISH, Labeo rohita (HAM.). 2011. Poster presented at 22nd All India Congress of Zoology, Dec. 29-31 2011. Organized by department of Zoology, University of Lucknow, and Lucknow (U.P.).

PHYSICO-CHEMICAL CHARACTERISTICS OF GROUND WATER AT SHAMSABAD BLOCK, AGRA. Paper presented at National Seminar on “Impact of Environmental aspect on Society” 2011. Organized by department of Sociology, S.R.K. (P.G.) College, Firozabad.

STUDIES ON WATER QUALITY OF AGRA WATER CANAL, AGRA, U.P. Paper presented at SRK-ISA-RC-24-International Conference on “Water, Environment, Energy & Society”, dated 28 to 30 June, 2009. Organized by Department of Sociology, S.R.K.(P.G.),College, Firozabad.

STUDIES ON PHYSICO-CHEMICAL CHARACTERISTICS OF KHARI NADI WATER, AGRA (U.P.). Paper presented at 18th All India Congress of Zoology & National Seminar on “Current issues on applied zoology and environmental sciences with special reference to eco-restoration & management of bio resources (SCIAZE)”, dated 7-9 Dec., 2007. Organized by University of Lucknow & B.R.Ambedkar University, Lucknow.

SENSITIZATION OF WOMEN SCIENTIST FOR RESEARCH ON AREA OF SOCIAL RELEVENCE. Attended the workshop organized by department of Physics, St. Johns College, Agra on 9th and 10th Dec 2005.

QUALITY CONCERNS IN TEACHER EDUCATION. Participated in the National seminar sponsored by NAAC 2011.

AADHUNIK BHARAT: ANUSOOCHIT JAATI/ ANUSOOCHIT JANJAATI MAHILA SHIKSHA: DASHA EVEM DISHA. Participated in the National Seminar organized by University Grand Commission, 25 Feb 2012.

CONTINUOUS, COMPREHENSIVE EVALUATION AND GRADING SYSTEM. Participated in the National Seminar organized by the Faculty of Education, D.E.I. Dayalbagh, Agra and National Testing Service CIIL. MHRD, Govt. Of India, Mysore, 21-22 Dec. 2012.

CONTEMPORARY ISSUES AND CHALLENGES OF LIBRARIES AND LIBRARY PROFESSIONALS. Participated in the National Seminar organized by U.P. Library Association (U.P. L.A.), Agra , Branch, K.P. Engineering College Technical Campus, Etmadpur, Agra, 14 April 2013.

EDUCATION FOR PEACE AND DEVELOPMENT. Participated in the National Seminar organized by Anjali Institute of Management and Science, Agra,5 -6 April 2014.

INDIAN SOCIAL SCIENCE ASSOCIATION. Participated in the National Seminar and Sensitization workshop organized by the Indian Social Science Association and AADHAR, Agra, 5-7 Oct 2014.

FOUNDATIONS OF SCHOOL GEOMETRY AND MEASUREMENT. Participated in A two day workshop organized by faculty of education, D.E.I. Dayalbagh, Agra, 17-18 January 2014.

CHALLENGES OF RURAL URBAN TRANSFORMATION IN INDIA. Participated in the National Seminar organized by department of economics, K.R.(P.G.) College, Mathura, U.P. and sponsored by department of higher education, Government of U.P., 12-13 March 2015.

INFLUENCE OF pH AND NUMBER OF EARTHWORMS ON FORMATION OF VERMICOMPOSTING IN DIFFERENT ORGANIC WASTES. Paper presented at National Seminar on "New Frontries in Organic Forming For Sustainable development of Indian Agriculture" 14-15 March 2015, sponsored by department of higher education Government of Uttar Pradesh and organized by department of Botany, R.B.S. College, Agra.

FRESH WATER FISH BIODIVERSITY OF INDIA: A INTRODUCTION OF PRESENT STATUS AND THREATS. Paper presented at National Seminar on Conservation of Environment: Challenges and Remedies, sponsored by department of higher education Government of Uttar Pradesh, Lucknow (U.P.) and organized by department of Psychology, Home Science, Economics and Education, Baikunthi Devi Kanya Mahavidyalaya, Agra, 14-15 March 2015.

AQUATIC BIODIVERSITY AND STRATEGIES OF IT'S CONSERVATION IN INDIA. Paper presented at National Seminar on Conservation of Environment: Challenges and Remedies, sponsored by department of higher education Government of Uttar Pradesh, Lucknow (U.P.) and organized by department of Psychology, Home Science, Economics and Education, Baikunthi Devi Kanya Mahavidyalaya, Agra, 14-15 March 2015.

THE MESSAGE FROM WATER. Paper presented at National Seminar on Conservation of Environment: Challenges and Remedies, sponsored by department of higher education Government of Uttar Pradesh, Lucknow (U.P.) and organized by department of Psychology, Home Science, Economics and Education, Baikunthi Devi Kanya Mahavidyalaya, Agra, 14-15 March 2015.

DEVELOPMENT IN WASTEWATER TREATMENT IN LEATHER PROCESSING INDUSTRY: A REVIEW. Paper presented at National Seminar on "Waste Management and its Control Measures". Present and Future Strategies, 27-28 February 2016, Sponsored by department of higher education Government of Uttar Pradesh and organized by department of Botany,R.B.S. College, Agra.

WASTEWATER MANAGEMENT FOR TANNERY IN COMMON EFFLUENT TREATMENT PLANT-A CASE STUDY. Paper presented at National Seminar on "Waste Management and its Control Measures". Present and Future Strategies, 27-28 February 2016, Sponsored by department of higher education Government of Uttar Pradesh and organized by department of Botany,R.B.S. College, Agra.

CHARACTERIZATION OF WASAN TANNERY EFFLUENT IN AGRA. Paper presented at National Seminar on "Waste Management and its Control Measures". Present and Future Strategies, 27-28 February 2016, Sponsored by department of higher education Government of Uttar Pradesh and organized by department of Botany, R.B.S. College, Agra.

STUDY ON WATER QUALITIES OF RIVER YAMUNA AT AGRA. Paper presented at National Seminar on "Waste Management and its Control Measures". Present and Future Strategies, 27-28 February 2016, Sponsored by department of higher education Government of Uttar Pradesh and organized by department of Botany, R.B.S. College, Agra.

WASTEWATER TREATMENT BY A NATURAL WETLAND IN AGRA. Paper presented at National Seminar on "Waste Management and its Control Measures". Present and Future Strategies, 27-28 February 2016, Sponsored by department of higher education Government of Uttar Pradesh and organized by department of Botany, R.B.S. College, Agra.

STUDY ON LOW COST WASTEWATER TREATMENT BY DUCK WEED SYSTEM. Paper presented at National Seminar on "Waste Management and its Control Measures". Present and Future Strategies, 27-28 February 2016, Sponsored by department of higher education Government of Uttar Pradesh and organized by department of Botany, R.B.S. College, Agra.

NITRATES ANALYSIS OF GROUNDWATER SAMPLES OF AGRA AND FIROZABAD DISTRICTS. Paper presented at National Seminar on "Waste Management and its Control Measures". Present and Future Strategies, 27-28 February 2016, Sponsored by department of higher education Government of Uttar Pradesh and organized by department of Botany, R.B.S. College, Agra.

BIOTECHNOLOGY AND ITS APPLICATIONS IN FISHERIES. Paper presented at National Seminar on "Role of Biotechnology in Sustainable Agriculture and Rural Development", 04-05 March 2017, Sponsored by department of higher education Government of Uttar Pradesh and organized by department of Botany, R.B.S. College, Agra.

APPLICATIONS OF BIOTECHNOLOGY FOR CROP IMPROVEMENT. Paper presented at National Seminar on "Role of Biotechnology in Sustainable Agriculture and Rural Development", 04-05 March 2017, Sponsored by department of higher education Government of Uttar Pradesh and organized by department of Botany, R.B.S. College, Agra.

BIOENERGY: AS GREEN SOURCES OF ENERGY. Paper presented at National Seminar on "Role of Biotechnology in Sustainable Agriculture and Rural Development", 04-05 March 2017, Sponsored by department of higher education Government of Uttar Pradesh and organized by department of Botany, R.B.S. College, Agra.

BIOTECHNOLOGY AND AQUACULTURE. Paper presented at National Seminar on " Role of Biotechnology in Sustainable Agriculture and Rural Development", 04-05 March 2017, Sponsored by department of higher education Government of Uttar Pradesh and organized by department of Botany, R.B.S. College, Agra.

WATER QUALITY STATUS OF KRITHUA WETLAND, DISTRICT, MAINPURI, U.P. Paper presented at International Conference on "Advance in agriculture and biodiversity conservation for sustainable development (ABCD-2017)," 27 -28 OCTOBER, 2017, Organized by Agriculture Technology development society (ATDS) Ghaziabad, U.P. & co-organized by C.C.S. University, Meerut.

HISTOLOGICAL OBSERVATION OF TANNERY WASTE WATER ON INDIAN MAJOR CARPS LABEO ROHITA. Paper presented at International Conference on "Advance in agriculture and biodiversity conservation for sustainable development (ABCD-2017)," 27 -28 OCTOBER, 2017, Organized by Agriculture Technology development society (ATDS) Ghaziabad, U.P. & co-organized by C.C.S. University, Meerut.

WATER QUALITY STATUS OF SOME URBAN PONDS OF AGRA, UTTAR PRADESH. Paper presented at International Conference on " Global advancement in Engineering, management, pharmacy, science and humanities" (IC-GAEMPSH), 19-20 January 2019, Sponsored by WFST and organized by Mathura devi group of institutions, Indore, M.P.

PHYSICO-CHEMICAL ANALYSIS OF YAMUNA RIVER WATER AT AGRA. Paper presented at National Conference on "Resilience and resource management including ICT for sustainable agriculture & biotechnology", 23-24 February 2019, Organized by Dr. M.P.S. Group of Institutions, Agra.

CHROMIUM, NICKEL & ZINC INDUCED HISTOPATHOLOGICAL ALTERNATION THE LIVER OF INDIAN COMMON CARP LABEO ROHITA (HAM). Paper presented at National Conference on "Resilience and resource management including ICT for sustainable agriculture & biotechnology", 23-24 February 2019, Organized by Dr. M.P.S. Group of Institutions, Agra.

SPECIAL ACHIEVEMENTS:

RECEIVED BEST TEACHER AWARD IN THE FIELD OF LIFE SCIENCE In National Conference on "Resilience and resource management including ICT for sustainable agriculture & biotechnology", 23-24 February 2019, Organized by Dr. M.P.S. Group of Institutions, Agra.

RECEIVED CERTIFICATE OF APPRECIATION FOR PARTICIPATED IN FACULTY DEVELOPMENT PROGRAM(Effective teaching methodology & IT tools) in Jayoti Vidyapeeth Women's University, Jaipur on 11 feb. 2019.

PERSONAL DETAILS:

FATHER'S NAME : SHRI S. P. SINGH
DATE OF BIRTH : 03, SEPTEMBER, 1980
LANGUAGE KNOWN : ENGLISH & HINDI
PERMANENT ADDRESS : POWER HOUSE LANE,
AMBEDKAR NAGAR, G. T. ROAD
SIKANDERPUR, KANNAUJ [U.P.]
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DATE.....

PLACE.....

(DR. ARUN KUMAR SINGH)