**CURRICULUM VITAE**

Name: Dr. (Mrs.) Bhawna Srivastava

Date of Birth: 11-07-1972

Present Address: 105/719, Anand Bagh, Kanpur, 208001

Mobile no.: 9918680686

 E-mail id: bhawnasrivastava11@gmail.com

**Profile** **Description** –

A science doctorate with thorough academic’s knowledge and understanding of subject. Creative, ambitious with strong analytical abilities, excellent research skills and strong managerial abilities. Able to work on own initiative or as part of a team and can deal with administrative duties competently.

**At** **Present** –

Working as Assistant Professor, Department of Zoology in D.A-V. College, Civil Lines, Kanpur since 17-07-2009 as in Mandeya and confirmed from 07-03- 2019

**Professional Experience**

**1**. Worked as Lecturer in K.V.M.M. (P.G), College, Swaroop Nagar, Kanpur 2008

**2**. Worked as Lecturer, Head of Zoology, Department of Zoology, Abhinav Seva Sansthaan Degree College, Rajiv Puram, Kanpur 2007

**3**. Previously I was working in Industrial Toxicology Research Centre (ITRC) Lucknow as Project Assistant from 1996-1998

**Qualification –** Ph.D. (Toxicology)

**Project undertaken/other achievements**

**1.** Study of Neem Gold-sponsored by SPIC worked at ITRC, Lucknow

**2.** Name approved for a Visiting Fellowship in Canadian Government Laboratories

**Published following full length papers**

**1**. **Srivastava** **B**. and Shukla Y. (1988) Antitumor Promoting Activity of Indole-3- Carbinol in Mouse Skin Carcinogenesis. Cancer Letter, 143(1) 91-95

**2**. Shukla Y, Singh A, and **Srivastava** **B** (1999) Inhibition of Carcinogen Induced Activity of Gammaglutamly Transpeptidase by Dietary Constituents in Mouse Skin. Bio-Medical n Environmental Science, 12, 27-37

**3**. Shukla Y, **Srivastava** **B**, Arora A, Chauhan LKS (2004) Antimutagenic Effect of Indole-3-Carbinol in mouse Bone Marrow Cells. Human and Experimental Carcinogenesis Vol. 22(5), 245-250

**4**. Shukla Y, **Srivastava** **B**, Arora A, Chauhan LKS (2004) Protective effects of Indole-3-Carbinol on Cyclophosphamide induced clastogenecity in mouse bone marrow cells. Human and Experimental Toxicology Vol.23 (5)245-250

**5**. Saras and **Bhawna** **Srivastava** (2012) Studies of fluctuation in phytoplankton densities in polluted lentic water system of Kanpur (U.P.). Life Science Bulletin Vol.9 (1) 70-72 ISSN 0973 5453

**6**. Saras and **Bhawna Srivastava** (2013) Limnological Study of River Hindan at Ghaziabad (U.P.) Life Science Bulletin Vol. 10(1): 103-105 ISSN 0973 5453

**7**. Saras and **Bhawna Srivastava** (2015) Estimation of Fluoride in drinking water and its impact on population of block Bangarmau, District Unnao (U.P.) Life Science Bulletin Vol.12(1) :65-67 ISSN 0973 5453S

**8.** P.B. Reddy and **Bhawna Srivastava** (2016) Annual changes in Ganado-Somatic and fecundity relationship in exotic fish **Tilapia mossambica Asian** Journal of Science and Innovative ResearchVol 1 Issue 1, Peer Reviewed

**9.Bhawna Srivastava** and P.B. Reddy (2016) Effect of methyl parathion on the physiology of **Tilapia mossambica** Life Science International Conference on Microbiology, Agriculture & Environmental Sciences Life Sciences International Research Journal , Vol 3 Issue 2; 80-89 ISSN 2347-8691 ISBN 978-93-84124-90-8 Peer Reviewd

**10.** **Bhawna Srivastav** and Reddy P.B (2017) Lipid Peroxidation and DNA damage as biomarkers of pollution induced oxidative stress (OS) in Fish. Life Sciences International Research Journal Vol.4 Issue 1, 194-198 - ISBN 978 -93-84124-98-4 ISSN2347-8691

**11**. Reddy P.B. and **Bhawna Srivastava** (2017) Environmental Risk Assessment of GM Crops Proceedings of 3rd International Conference on Environmental Management (ICEM2017) 887-893 ISBN 978-93-86819-50-5

**12**. **Bhawna Srivastava** and Reddy P.B. (2018) Application of Correlation Matrix Analysis in Surface Water Quality Assessment. Life Science International Research Journal Volume 5 Issue 1 1-11, ISSN 2347-8691

**13**. Saras and **Bhawna Srivastava** (2018) Limnological Study of Polluted Shallow Water System and Its Impact on the Population of Different Species of Euglena ;Kanpur (UP).Life Sciences International Research Volume 5 Issue 1 9-12, ISSN 2347-8691.

**14. Bhawna Srivastava** and Reddy P.B. (2018) Evaluation of Groundnut Oil Cake as a Substitute of Fishmeal for Tilapia . Trends in Fisheries Research, An International Journal Volume 7,Issue 1,23-29 ISSN; 2319-4758 UGC approved journal

**15. Bhawna Srivastava** and Reddy P.B. (2018) Roll of Cell free Nucleic Acids (cfDNA) as a Biomarker in Clinical Pathophysiology. Life Sciences International Research Journal Vol.5 Issue2 157-164 ISSN 2347-8691 Peer Reviewed

**16. Bhawna Srivastava** and Reddy P.B. (2019) Bisphonel A Induces Oxidative Stress (OS) and Hepatotoxicity in Heteropneustes fossilis Trends in Fisheries Research, Volume 8, Issue2, 31-40, ISSN: 2319-474X ,e-2319-4758 UGC Approved JournalNo. 63495

 **17a. Bhawna Srivastava** and Reddy P.B. (2019) Haematological Profile in Fish as an Effective and Sensitive Index in Aquatic Pollution. Proceedings of International Multidisciplinary Academic Conference on Recent Trends in Agriculture, Environment & Bio Sciences Thailand: 51-57, ISBN 978-93-86435-77-4 Peer Reviewed

**17b.** Republished in Nimit Mai Review -Pacific Institute of Management Science (Humanities and Social Sciences) on Year 3 Issue 2,19-27 July –December2020

**18. Bhawna Srivastava** and Reddy P.B.(2019) An Overview of The Effects of Endocrine Disrupters (EDCS) in Fish. Life Sciences International Research Journal Vol.6 Issue 1, 5-13 ISSN 2347-8691 Peer Reviewed

**19. Bhawna Srivastava** and Reddy P.B. (2019) Histopathological and Biochemical Markers in Hepatic Tissue of Mystus seenghala (Sykes) in Chambal river at Nagda, MP(India). Life Sciences International Research Journal Vol.6 No.1 35-42 ISSN 2347-8691 Peer Reviewed

**20. Bhawna Srivastava** and Reddy P.B. (2020) Environmental Interactions of Zooplankton in the Chambel River at Nagda (M.P.) India. Trends in Life Sciences (ITLS) –An International Peer-reviewed Journal. Volume 9 Issue1,10-18, ISSN: 2319-4731 (e)-2319-5037 Peer Reviewed

**21.Bhawna Srivastava** and Reddy P.B. (2020) In situ Stress Assessment of The Impact of River Pollution in a Catfish (Mystus tengara) Using Histopathological and Oxidative Biomarkers. Biosc. Biotech. Res. Comm. Volume 13: No.(3) 1369-1376 ISSN: 2321-4007 Thomson Reuters, Web of Science and UGC Listed

**22**. **Bhawna Srivastava** and Reddy P.B. (2020) Assessment of KAP (Knowledge, Attitude and Practice) of University students towards prevention of COVID-19 International Journal of Biological Innovations, Volume:2 Issue:2,117-125, E-ISSN:2582-1032

**23.Bhawna Srivastava** and Reddy P.B.(2020) Haematological and Serum Biomarker responses in Heteropneustes fossilis Exposed to Bisphenol A . Nature Environment and Pollution Technology an International Quarterly Scientific Journal.Vol.19, No.4, 1577-1584 p-ISSN:0972-6268, e-ISSN : 2395-3454

**24. Bhawna Srivastava** and Reddy P.B. (2020) Application of Geoaccumulation Index (IGEO) as a Tool to assess the Heavy Metal contamination in the Agricultural fields of Chambal River at Nagda Ujjain (M.P.India) Life Science International Research Journal Vol.7 Issue 1,70-75 ISSN 2347-8691 Peer Reviewed

**25.Bhawna Srivastava** and P.B. Reddy (2020) Impacts of Drugs in the Surface Waters on Fish Health. Intern Med 10:326. Doi 10.35248/2165-8048.20.10.326

**26. Bhawna Srivastava** and Reddy P.B. (2021) Assessment of Reproductive Disruption in Bisphenol A(BPA) exposed fish, Heteropneustes fossilis (Bloch,1974) Bulletin of Environment, Pharmacology and Life Sciences Volume 10(3) 51-61 February 2021 ISSN 2277-1808 Thomson Reuters, UGC Listed, NAAS Rating 4.95

**27.** **Bhawna Srivastava** and Reddy P B (2021) The Conspiracy of IPCC on Climate Change. Life Sciences International Research Journal Volume 8 Issue, 01-06, ISSN 2347-8691 Peer Reviewed

**28.Bhawna** **Srivastava** and Reddy P B (2021) Impacts of Human Pharmaceuticals on Fish Health International Journal of Pharmaceuticals Sciences and Research Vol 12, Issue 10, 5185-5194 e-ISSN:0975-8232 , p-ISSN: 2320-5148 Thomson Reuters, UGC Listed and Web of Science

**29. Bhawna Srivastava** and Reddy P B (2021) An overview of climate finance in India-published as review in Nimit Mai Review, Pacific Institute of Management Science Thailand , Year 4 Issue 1,25-33,January –June 2021 e-ISSN2730-3950 Peer Reviewed

**30. Bhawna Srivastava** and Reddy P.B. (2021) -An overview of Genetically Modified Mosquitoes (GMM) to Control Vector Borne Diseases. Life Sciences International Journal, Vol.8, Issue 2, ISSN ss2347-8691 Peer Reviewed

**31. Bhawna Srivastava** and Reddy P.B. (2021)-Advancement of CRISPR-Cas9 Technology in Clinical Research. Productivity- A Govt. Journal, Vol. 62,No.2 1-7; July-September DOI- <https://doi.org?10.32381/PROD.20-21.62.02.3> EBSCO, ProQuest

**32.** **Bhawna Srivastava** and Reddy P.B. (2022)- Transformation of India Towards Net Zero Targets: Challenges and Opportunities. Nimit Mai Review, Thailand, Year 5 issue 1 January -June 2022, ISSN 2347-8691 Pp 1-7, Peer reviewed

**33.** **Bhawna Srivastava** and Reddy P.B. (2022) -Environmental Impacts of COVID-19 Pharmaceuticals and disinfectants. Asian Pacific Journal of Health Sciences , ISSN 2350-0964 DOI: 10.21276/apjhs.2022.9.4S.50 e-ISSN :2349-0659 UGC Approved

**34**.**Bhawna Srivastava** (2022) Patent Regime in India: Provisions, Challenges and Solutions as Emerging Trends in Intellectual Property Rights ISBN 978-93-90146-41-3 Page no.7-14(Chapter)

**35**. **Bhawna Srivastava** and Reddy P.B. (2022) Covid-19 Intellectual Property Rights(IPR)Waiver: A Critical Review Emerging Trends in Intellectual Property Rights ISBN 978-93-90146-41-3 Page no.37-45 (Chapter)

**36**.**Bhawna Srivastava** (2022) Assessment of AGRI IPR The Protection of Plant Varieties &amp; Farmer’s Rights (PPV&amp;FR) Act (2001) in Relation to Revocation of PEPSICO’S Potatos Emerging Trends in Intellectual Property Rights ISBN 978-93-90146-41-3 Page no. 53-59 (Chapter)

**37**.**Bhawna Srivastava** and P.B. Reddy (2023) Role of Biotechnology and Genomics to Promote Millets as Functional Foods , Recent Exploration on Millets : The Nutri-Cereals ISBN-978-93-90146-51-2 page no.5-14 (Chapter)

**38.** **Bhawna Srivastava** and P.B.Reddy (2023) Promoting Neglected and Underutilized Millets to Strengthen Food Security , Recent Exploration on Millets : The Nutri-Cereals ISBN-978-93-90146-51-2 page no. 45- 54 (Chapter) s

**39-**Meeru Baghel, **Bhawna Srivastava** and Reddy, P.B. (2023) In- Situ Assessment of Toxicological Impact of Wastewater on *Labeo rohita*. International Journal of Research and Analytical Reviews (IJRAR ) e-ISSN : 2348-1269,P-ISSN:2349-5138 s

**40-** Rajendra Singh Jamod**, Bhawna Srivastava** and Reddy P.B (2023) Spirulina-Mediated Mitigation of Sub-Acute Mercuric Chloride Toxicity in Poecilia reticulata : Insights from Serum Biochemical and Histopathological Studies. International Journal of Current Science (IJCSPUB) ISSN: 2250-1770 Volume 13(3) , 866-873

**41-Bhawna Srivastava** and Reddy .P.B (2023) Antimicrobial Resistance (AMR) in India: An Invisible Pandemic .Proceedings of the International Conference on Agriculture, Environment, Bio& Medical Sciences -Thailand ISBN : 978-93-90146-59-8 ,70-78

**42-Bhawna Srivastava** (2023) Comparative Analysis of Biodiversity Indexes Software for Accurate Assessment. Recent Advances in Biodiversity Research ISBN:978-93-90146-61-1 37-45 (Chapter)

**43-Bhawna Srivastava** and Reddy P.B (2023) Investigating Fish Diversity and Zooplankton Interactions in the Context of Water Quality. Recent Advances in Biodiversity Research ISBN: 978-93-90146-61-1, 11-28 (Chapter)

**44**-**Bhawna Srivastava** and Reddy P.B. (2023) Socio-Economic Consequences of Climate Change in Rural Madhya Pradesh: A comprehensive Analysis Madhya Pradesh Journal of Social Sciences ( A Biannual Journal of M.P. Institute of Social Science Research , Ujjain) ISSN: 0973-855X (Vol.28,No. 2, December 2023,pp.98-107) UGC-CARE (Group-1)

**45-Bhawna Srivastava** (2024) Empowering women in stem education: “Transforming Challenges into Opportunities in India” Proceedings of the National Webinar on the Importance and Opportunities of Technology in Higher Education ISBN: 978-93-90146-37-6

**46-Bhawna Srivastava** and Reddy P.B. (2024) Impacts of Digital Classrooms and Online Learning Platforms on Education Proceedings of the National Webinar on the Importance and Opportunities of Technology in Higher Education PP 49-54, ISBN: 978-93-90146-37-6 B

**Published Following Abstracts**

**1**. Y. Shukla, A. Singh and **B**. **Srivastava**. Inhibition of carcinogen induced activity of Gamma glutamyl Transpeptidase by dietary constituents in mouse skin. Proceeding of 66th Annual meeting of the Society of Biological Chemists. (India) held at Vishakhapatnam, December 22-24 1997

**2**. **B**. **Srivastava,** A. Singh and Y. Shukla. Evaluation of antitumor promoting potential of Indole-3-Carbinol in mouse skin model of carcinogenesis. Proceeding of 17th Annual convention of Indian Association of Cancer Research held at Calcutta, January 21-22, 1998

**3**. A. Singh, **B**. **Srivastava**  and Y. Shukla. Chemo-preventive effect of Diallyl Sulphide in two stage mouse skin of carcinogenesis. Proceeding of 17th Annual convention of Indian Association of Cancer Research held at Calcutta, January; 21-22, 1998

**4**. Y. Shukla and **B**. **Srivastava**. Anticarcinogenic effect of indole-3-carbinol.17th Annual convention of Society of Toxicology held at Tirupati December; 22-24 1998

**5**. **B**. **Srivastava** and Y. Shukla. Antitumor activity of Indole-3-Carbinol on polycyclic aromatic hydrocarbon induced mouse skin carcinogenesis. Proceedings of 18th Annual convention of Indian Association of Cancer Research held at New Delhi; December 19-21, 1999

**6**. **Bhawna** **Srivastava** Anti mutagenic potential of Indole-3-Carbinol in Ehrlich Ascities tumor in Swiss albino mice. International seminar on Biotechnology for Today’s World organized by Department of Zoology, D.B.S College , Kanpur December; 02-03 2008

**7**. **Bhawna** **Srivastava**, Saras, S. K. Saxena- Plants as Anticarcinogens. National Seminar on “Environmental Degradation and Biodiversity; Problems n Prospects organized by the Department of Botany D.A.-V. College Kanpur November; 29-30 2009

**8**. Saras, M. Asthana, **Bhawna Srivastava** Planktons in shallow wastewater system as Bio indicators. National Seminar on Environmental Degradation and Bio biodiversity. Problems and Prospects organized by the Department of Botany, D.A.-V. College. Kanpur November; 29-30 2009

**9**. **Bhawna** **Srivastava** presented paper on Teaching Attitude of Teacher in Relation to Their Subject of Specialization organized by Prof. H.N. Mishra College of Education, Arya Nagar, Kanpur March 14 2010

**10. Bhawna** **Srivastava** participated in National Seminar on Quality Improvement in Teacher Education organized by Dayanand Women’s Training College, Kanpur 17-18 February 2010

**11.**  **Bhawna** **Srivastava** and Saras Effect of Polycyclic Aromatic Hydrocarbon on Human Health. National Seminar on Science for Shaping the Future of India. Part of Centenary Celebration of ISCA organized by Indian Science Congress Association (ISCA), Kanpur Chapter Department of Zoology D.A-V .College and D.G. College, Kanpur December 3-4 2012

**12**. Saras and **Bhawna** **Srivastava** 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. National Seminar on Science for Shaping the Future of India. Part of Centenary Celebration of ISCA, organized by Indian Science Congress Association (ISCA), Kanpur Chapter, Department of Zoology D.A-V. College and D.G. College, Kanpur December; 3-4 2012

**13**. Saras, **Bhawna** **Srivastava** and Puneet Mohan- Innovation in Science for Inclusive Growth National Seminar on Innovation in Science and Technology for Inclusive Development organized by Indian Science Congress Association Kanpur Chapter, 23-24 November 2013

**14**. **Bhawna** **Srivastava** and Saras Importance of Science Technology and Innovation National Seminar on Innovation in Science and Technology for Inclusive Development organized by Indian Science Congress Association Kanpur Chapter, 23th -24th November 2013

**15. Bhawna Srivastava** Saras and S.K. Saxena Role of Proteomics in Disease Diagnosis-National Seminar on Science and Technology for Human Development organized by Indian Science Congress Association Kanpur Chapter, 8-10 December 2014

**16**. Saras, **Bhawna Srivastava** and Puneet Mohan- The study of effect of ground water of Dadri industrial area (U.P.) on human health. National Seminar on Science and Technology for Human Development organized by Indian Science Congress Association Kanpur Chapter, 8th -10th December 2014

**17.** Saras and **Bhawna Srivastava**- Estimation of Fluoride in Drinking Water and its Effect on Population of Block Bighapur, District Unnao (U.P.) National seminar on emerging trends in science & technology in 21st century25-26 February 2014...... Maharana Pratap Govt.P.G. College, Hardoi, U.P.

**18. Bhawna Srivastava-**Participated on National Seminar on Impact of Present Environment on Biodiversity of Rural Area organized by Shri Shakti Degree College, Sankhahari, Ghatampur, Kanpur Nagar 21-22, February 2015

**19. Bhawna Srivastava** and Saras- Advantages and Disadvantages of Statistics in Social Science. National Seminar on Applications of Statistics in Social Sciences organized by Department of Statistics, D.A-V. College, Kanpur 21st November 2015

**20. Bhawna Srivastava**-Participated in National Seminar on Science &Technology for Indigenous Development in India Organized by Indian Science Association, Kanpur Chapter & Department of Zoology, D.G.(P.G.) College, Kanpur 28-29 January 2016

**21. Bhawna Srivastava** and Saras- Government Policies to Save Ganga Movement. National Seminar-organized by Department of Chemistry D.A.-V. College Kanpur 7th -8th October2016

**22. Bhawna Srivastava** –Participated in National Seminar on Science &Technology for National Development organized by Indian Science Congress Association, Kanpur Chapter and Department of Zoology, D.B.S. College, Kanpur 29th &30th September,2016

**23. Bhawna Srivastava** –Participated in National Seminar held at Brahmanand College, Kanpur on 2Oth January 2016

**24. Bhawna Srivastava**-Participated in National Seminar on Future India: Science & Technology ,Organized by Department of Zoology, DGPG College, DAV College& CSJM University, Kanpur, 23rd -25th November 2018

**25.** Saras and **Bhawna Srivastava** – Cultivation of various Medicinal Plants as a useful Biodiversity Conservation Tool in UP (India) National Seminar on Recent Advances in Herbal \ Ayurvedic Medicine – From to Manufacture Held at Deendayal Research Institute ,Chitrakoot, Satna (M.P.) 25-26 February 2019.

**26**-**Bhawna Srivastava** participated in Online Seminar on topic- Neural circuits for escape and exploratory behavior, sponsored by DST FIST with certificate I.D. CH8E9I-CE0002000 organized by P.G. Department of Zoology, D. A-V. College, Jalandhar held o 15-07-2020

**SYMPOSIUM**

**1-Bhawna**. **Srivastava** P. Tripathi, Saras, S. Tripathi - Coping up with Animal Biodiversity: Physiological Aspects of Environmental Strategies organized by Department of Zoology, M.M.H. (P.G.) College, Model Town (West), Ghaziabad (U.P.); February 19-20 2010

**2-Bhawna. Srivastava** and Saras - Importance of Transgenic Crop 10th National Symposium on Biotechnological Approaches for Plant Protection: Constraints & Opportunities organized by Indian Council of Agricultural Research, New Delhi and Society of Plant Protection Sciences, New Delhi: January 27-29 2013

**3-Bhawna. Srivastava**-Importance of Wildlife-An International e-Symposium on International Day for Biological Diversity organized by ENVIS-RP , Institute of Wildlife Sciences, ONGC Centre for Advanced Studies , University of Lucknow, Lucknow and Uttar Pradesh State Biodiversity Board, Lucknow, Uttar Pradesh held on 22nd and 23rd May 2021

**4-Bhawna Srivastava**-Participated in the National Symposium on ”Current Perceptive in Infection Control” organized by Department of Zoology, SVKM,S Mithibai College of Arts, Chauhan Institute of Science& Amrutben Jivanlal College of Commerce and Economy Granted under RUSA ,FIST-DST & Star College Scheme of DBT ,Govt. of India , University of Mumbai, Maharashtra ,held on 3rd July 2021

**5-Bhawna Srivastava-**Participated in the National Symposium on the Current Perspectives in Infection Control organized by Department of Microbiology , SVKM,S Mithibai College of Arts, Chauhan Institute of Science& Amrutben Jivanlal College of Commerce and Economy Granted under RUSA ,FIST-DST & Star College Scheme of DBT ,Govt. of India , University of Mumbai, Maharashtra ,held on 24th July 2021

**6-Bhawna Srivastava** -Participated in International online Symposium on Taxonomical Approaches Towards Conservation of Animal Bio-Diversity organized by Department of Zoology ,K.R.(PG) college, Mathura, U.P. held on 14-15 December 2021

**CONFERENCES-**

**1**.**B**. **Srivastava** and Saras National Conference on Challenges in Life Sciences with Changing Environment and Prof. H. S. Srivastava Memorial Lecture Series . Abstract published, Topic- Abundance of Phytoplankton in Polluted Shallow Water System in Kanpur, held on February ;20-21 2010 Sacred Heart Degree College Sitapur

 **2**.**B**. **Srivastava** and R.K. Srivastava - 3rd International Conference on Stem Cells and Cancer (ICSCC-2012) :Proliferation, Differentiation, and Apoptosis : Abstract accepted for poster presentation on Topic- Role of Indole -3-Carbinol in Angiogenesis organized at PGIMER Auditorium Dr. Ram Manohar Lohia Hospital New Delhi from October; 27-30 2012

**3. B. Srivastava-** 5th International Conference on Stem Cells and Cancer (ICSCC-2014): Proliferation, Differentiation and Apoptosis ; Abstract accepted for poster presentation on Topic Advantages and Disadvantages of Stem Cell organized at JNU Convention Centre ,New Delhi from September 8-10 ,2014

**4.** **Bhawna Srivastava** and Saras -National Conference on Environmental Degradation and Global Health abstract accepted, Topic Effect of Electromagnetic Rays on Animal and Plant Life, organized by Environment & Social Welfare Society, Khajuraho 01-02, February2015

**5**. **Bhawna Srivastava** and R.K. Srivastava -6TH International Conference on Stem Cell and Cancer (ICSCC-2015) : Proliferation, Differentiation and Apoptosis ; Abstract accepted for poster presentation on Topic Anticarcinogenic Properties of Fruits and Leafy Vegetables organized at Yashada Auditorium Pune 2-5 October 2015

**6. Bhawna Srivastava** and R.K. Srivastava -Conference organized by Global Cancer Summit. Abstract accepted for poster presentation Topic Anticarcinogenic Activity of Indole -3- Carbinol on mouse skin organized at J.N. Tata Auditorium, Indian Institute of Science, Bengaluru, India 18-20 November 2015

**7. Bhawna Srivastava** 7th International Conference on Stem Cells and Cancer (ICSCC-2016):Proliferation, Differentiation, and Apoptosis; Topic Importance of Stem Cell Nano Technology Organized from 21-23 October 2016, Goa

**8. Bhawna Srivastava** and Shivji Malviya- National Conference on Ecological Imbalance: A Threat to Flora, Fauna, Economy and Human Survival (EITFES 2017), at Vigyan Parishad Auditorium, Allahabad (U.P.) 22-23, September 2017

**9. Bhawna Srivastava**-Participated National Conference on Opportunities and Challenges in Physical Education Yoga and Health Sciences Sponsored by Department of Higher Education U.P., Organized by Department of Physical Education, R. S. Govt. Degree College, Shivrajpur, Kanpur Nagar 10-11 February 2017

 **10. Bhawna Srivastava** and Saras –Policies of Heritage Conservation. ESW V1 Annual National Conference 2019 –Heritage conservation and National resource management Organized by Environment & Social Welfare Society , Khajuraho ,India 30-31 January2019

 **11. Bhawna Srivastava**  Climate Change Mitigation and Adaptation. Global Conference on Biodiversity. Our Food & Our Health GCBD, 2019 Botanical Survey of India (BSI), Prayagraj, U.P. India 21-22 May 2019

**12. Bhawna Srivastava** and Saras - Role of Nanotechnology in Cancer Treatment. National Conference on Science & Technology: Rural Development, organized by The Indian Science Congress Association Kanpur Chapter 03rd -04th December2019

**13.Bhawna Srivastava**-Assessment of seasonal variation in water quality of Ganga ghat and Salman plains of Ganga river at Kanpur (India). International Conference on Recent Advances in Life Sciences for Betterment of Environment and Human Health (ICRALBEH-2019) and 8th Annual Session of Society of Life Sciences 14th -15th December 2019

**14. Bhawna Srivastava** and Saras- Anticarcinogenic properties of fruits and leafy vegetables International Conference on Socio-economic Challenges of Agriculture, Biodiversity & Environment organized by International Conference on Environment and Society (ICES 2019) HBTU, Kanpur (U.P.) December 22nd & 23rd ,2019

**15**- Saras and **Bhawna Srivastava** and Sangeeta Manocha –Seasonal water quality estimation of a permanent waste water system and its impact on the population of Chlamydomonas species: Kanpur(U.P.) International Conference on Socio-economic Challenges of Agriculture, Biodiversity & Environment organized by International Conference on Environment and Society(ICES 2019)HBTU, Kanpur(U.P.) December 22nd & 23rd,2019

**16**-**Bhawna Srivastava**- participated International Conference –NAMASTE (Novel Aspects in Medicines, Allied Sciences and Technologies for New Developing Era) organized by DNA Labs –A Centre for Applied Sciences, Dehradun, India held on 10th ,11th &12th September, 2020

**17- Bhawna Srivastava**-participated National Conference on Environment &Sustainable Development organized by Society For Environment & Sustainable Development held on 10th ,11th and 12th November 2020

**18-Bhawna Srivastava** – participated in International Web Conference on Safe Water, Sanitation and Hygiene for Health organized by Dr. Rafiq Zakaria College for women Aurangabad (MH) ,India Government Degree (PG) College Bhaderwah, Doda (J&K) India, Glocal Environment & Social Association (GESA) New Delhi, Asian Biological Research Foundation (ABRF) Praygraj, India Nepal Aquaculture Society Kathmandu, India held on 9th ,10th &11th November 2020

**19**-**Bhawna Srivastava**- Application of Viruses. participated in ESW VIII Annual National Research Conference on Anthropogenic Impact on the Environment, Society and Human Health. participated in ESW VIII Annual National Research Conference held on 30& 31 January 2021 Khajuraho

**20-Bhawna Srivastava**- participated in the International Web Conference on Covid-19: Past, Present & Future with its Prevention and Precautions organized by Department of Zoology &IQAC, Govt. O.F.K. College, Jabalpur (M.P.) held on 20TH March 2021

**21**-**Bhawna Srivastava**- Participated National Multidisciplinary E- Conference on ” Research in Science &Technology for Sustainable Development” by Indian Science Congress Association Amravati Chapter held on 23rd March 2021

**22. Bhawna Srivastava**- participated in International E-Conference on” Post Covid-19 situation” jointly organized by Anjuman Islam Janjira Degree College of Science, Murud Janjira and Anjuman Islam Janjira Degree College of Commerce, Shrivardhan held on 30th March2021

**23. Bhawna Srivastava**-participated in 4th Global Cancer Summit, International Collaborative Conference virtually from Biogenesis Health Cluster, Bengaluru, India held on 24th April, 2021

**24.Bhawna Srivastava**-Participated and topic- Positive Aspects of Covid-19 in the International Conference on Covid-19 Post Corona Virus Recent Trends, Research, Technologies & Global Future Opportunities held in Mangalmay Institute of Management and Technology, Plot No. 8and 9, Knowledge Park11, Greater Noida, held on 22nd -23rd May 2021

**25. Bhawna Srivastava**- Participated & Presented a paper “The Importance of Sustainable Development Goals”- in International Conference on Environment & Sustainable Development in Post Covid-19 through SDGs held on 3rd to 5th June 2021

**26. Bhawna Srivastava**- participated and presented article entitled “Antitumor Promoting Activity of Indole-3-Carbinol in Mouse Skin Carcinogenesis” in 2nd International Conference on Climate Change and its Effect on Environment, Food and Society held on 15th and 16th June 21

**27.Bhawna Srivastava**-Participated EQUINOX 2021, The Annual International Conference and presented paper titled Importance of Innovative Agricultural Technology in Conference on Sustainable Agriculture: Negotiating Tradition and Modernity organized by Centre for Research, Maitreyi College from August 12-14,2021

**28.Bhawna Srivastava** Participated and presented Poster on HEALTH 2021 Virtual International Conference on Cancer Biology: Advances & Challenges” organized by ICMR, NIPER and Delhi University,11-13th November,2021

**29**-**Bhawna Srivastava**-presented paper on “The Importance of Green Nanotechnology” organized by National Conference on Multidisciplinary Research & Practice Koshambi Foundation Agra held on November 12-14,2021 at Jubilee Hall, Dr. B. A. University, Paliwal Campus, Agra.

**30-** **Bhawna Srivastava** – participated in International Conference on “Sustainability Trends in Agricultural, Rural & Environmental Development” organized by Society of Biological Sciences and Rural Development, Prayagraj, (U.P.) on 19 &20 December 2021

**31.Bhawna Srivastava**-participated in National Conference on Research Methodology organized by Govt. Arts Science Commerce College, Nagda, Ujjain sponsored by RUSA/WORLD Bank held on 28&29 January 2022

**32.Bhawna Srivastava** and Pratibha Tripathi – presented paper on Importance of Wetlands- organized by ESW IX Annual National Research Conference, Khajuraho held on 30&31 January,2022

**33**. Pratibha Tripathi and **Bhawna Srivastava**-presented paper on Organophosphorus Pesticides Induced Changes in the Ovarian Activity of Air Breathing Fish: Heteropneusts fossils organized by ESW IX Annual national research conference, Khajuraho held on 30&31 January,2022

**34**. **Bhawna Srivastava** (2022) Participated in India Education Conference 2022 organized by World Education Council Kolkata, India held on 24th February 2022

**35.Bhawna Srivastava** (2022) Presented online oral presentation on “Types of Fish Breeding and Their Importance” in International Conference on Recent Trends in Aquaculture 25th March2022

**36. Bhawna Srivastava (2022)** presented a Scientific paper entitled Effect of Indole-3-Carbinol on Ehrlich Ascites Tumor in Poster presentation Session of the 3rd World Congress on Pathology & Cancer Diagnosis organized by BioGenesis Health Cluster, Bengaluru, India on 22 May 2022

**37. Bhawna Srivastava** (2022) Attended the World Research Summit-2022 on “Qualitative Research Methodology” organized by IQAC Parishkar College of Global Excellence, Jaipur Rajasthan on 25th March ,2022

**Chapters/Book/Proceedings –**

**Book-**05 Published and one in communication

**Chapters –** 10, **Proceedings –** 13

**Chaired-** A technical session in the conference held during January 30-31 at School of Studies in Zoology & Biotechnology Vikram University, Ujjain, India, organized by International Conference on Agriculture, Veterinary & Life Sciences (2015)

**Co-Chairperson**- Appeared as co-chairperson in Anthropogenic Impact on the Environment, Society and Human Health organized by ESW 8th Annual National Research Conference Khajuraho, M.P. India on 30-01-2021

**Keynote Speaker**-

**1-**Delivered talk in the National Webinar on National Science Day at Govt. Arts Science and Commerce College Nagda Ujjain (M.P.) organized by Department of Physics and Mathematics on 01-03-2021

**2-** Delivered talk on International Women’s Day on the Topic **–Mahilao ki Bhumika-Sashakt Bhayish** held on 08-03-2021

**3**-Delivered talk in the Virtual Conference on **Research Methodology** at Govt. Arts Science & Commerce College Nagda, Ujjain (M.P.) sponsored by RUSA/WORLD BANK 28-29 Jan 2022

**4-** Delivered talk as Keynote Speaker on **Assessment of Agri IPR the Protection of Plant Varieties&amp; Farmers’ Right (PPV&amp;FR) Act (2001)”** in Relation to Revocation of PEPSICO’S Potato in the One Day National Seminar on Emerging Trends of Intellectual Property Rights” Sponsored by MPHEQIP (WORLD BANK) at Government College, Nagda on 05-11-2022

**5-**Delivered lecture of Pre-Ph.D. classes of C.S.J.M. University, Kanpur 2022

**6**- Delivered talk on **Role of Biotechnology on Promoting the Millet Crops** in one day National Seminar on Role of Millets on Food securities and Climate Change at Govt. College Nagada, Ujjain (M.P.) sponsored by MPHEQIP (WORLD BANK ) on 17-03-2023

**7**- Thesis Evaluator (2023)

**8-**Keynote address on **SOFTWARE TOOLS IN BIODIVERSITY** in National Webinar on Biodiversity & Conservation at Govt. College Nagda Ujjain(M.P) sponsored by Department of Higher Education Government of Madhya Pradesh on 28-08-2023

**Workshop**

**1**. Participated in National Workshop on Green Chemistry. Organized by Department of Chemistry ANDNNM College Kanpur from December; 11 2009,

**2**. National Workshop on Bioinformatics: Tools and their application, organized by Department of Zoology, Dayanand Girls P. G. College Kanpur from November:1-4 2011

**3**. National Workshop on Bioinformatics: The Application of Artificial Intelligence organized by Department of Zoology, Dayanand Girls P.G. College Kanpur from December:24-26 2011

**4.** Workshop on Environmental Degradation: Anthropogenic Problems and Their Prospects organized by Faculty of Science, Harsahai P.G, College, Kanpur 23rd January2013

**5.** National Workshop on Basic Concepts of Bioinformatics and Bioinformatics Software’s at Bioinformatics Infrastructure Facility Centre (DBT) D.G. (P.G) College, Kanpur 6th -9th February2013

**6.** National Workshop on Research Methodology &Data Analysis using IBM SPSS STATISTICS package, organized by Department of Computer Application D.G.(P.G.) College, Kanpur in collaboration with IBM SPSS, Bangalore Dated 1st -2nd March 2013

**7.** National Workshop on Water Pollution and its Management organized by Department of Chemistry, D.A-V. College Kanpur31st October2015

**8.** Workshop on DNA Fingerprinting: A Boon to Forensic Science is organized by department of Zoology, D.A-V. College, Kanpur 18-19 January 2016

**9.** Workshop on Food Adulteration and Human Health organized by Department of Zoology, D.A-V. College, Kanpur,14-16 December2016

**10.** National Workshop on Study of Structural & Functional Biology through Computational approach in Bioinformatics held at Bioinformatics Infrastructure Facility Centre of D.B.T. Ministry of Science and Technology, Govt. of India D.G.(P.G.) College, Kanpur 16-22 September 2017

**11.** National Workshop on Quantitative and Qualitative Analysis of Protein &Lipids under Star College Scheme of DBT, Ministry of Science & Technology, Govt. Of India organized by Department of Zoology, DG(P.G.) College Kanpur 25-31 October 2017

**12.** National Workshop on Next Generation of Computational Approaches in Science and Technology at Bioinformatics Infrastructure Facility Centre (D.B.T.) D.G.(P.G.) College, Kanpur 20-26 October 2018

**13.** National Workshop on Bioinformatics: Evolution of Biology through Bioinformatics organized by Bioinformatics Infrastructure Facility Centre (DBT) DG (PG) College, Kanpur.19-25 September 2019

**14.** National Workshop on ‘’Major Environmental and Agriculture issues: New Development in Policy and Practices’’ organized by Society of Biological Sciences and Rural Development, Prayagraj and Kulbhaskar Ashram P.G. College. Prayagraj in collarabation with Bhartiya Gau Vigyan Sewa Samiti, Prayagraj 20-26 December2019

**15**. National workshop on” New Advances in Teaching and Learning Methods” organized by RSA Commerce and Science College, Pathri, Phulambri, Aurangabad held on 24th January2020

**16-**National workshop on Learning Statistics and Data Analysis using MS Excel, organized by Simple Statistics Solution and Training Provider held on 5-7 September 2020, Tirunelveli , Tamil Nādu

**17-**National workshop on Learning Statistics and Data Analysis using SPSS organized by Simple Statistics Solution and Training Provider, Tirunelveli, Tamil Nādu held on 14-19 October 2020

**18-**National workshop on Learning Statistics and Data Analysis Using MS Excel organized by Simple Statistics Solution and Training Provider, Tirunelveli, Tamil Nādu held on 1-3 February 2021

**19-**National level 10 days’ workshop on Application of Artificial Intelligence in Bioinformatics and Biomedical Science organized by Karnataka State Akkamahadevi Women’s University, Vijayapura, Department of Bioinformatics Under CURIE-AI, DST, New Delhi held from 27th January to 6th February 2021

**20**.National level 7 days E-workshop on Entrepreneurial Skill Development and Career Opportunities in Biological Sciences organized by Zoology and Biotechnology Department Under MPHEQIP World Bank Scheme, Girls’ P.G. College, Ujjain M.P. held on 24th -30th June 2021

**21.** One day International online workshop on Wildlife & Biodiversity Conservation organized by Society for Environment and Sustainable Development, New Delhi, India held on 30th June 2021

**22**.One day International Webinar on “High Performance Bio Technology for Health Care” organized by Parishkar College of Global Excellence, Jaipur, Rajasthan held on 17th February ,2022

**23**.4 Days National Online Workshop on “Preparation of Revised AQAR” organized by Sao Chang College, Tuensang, Nagaland in collaboration with IQAC CLUSTER held on 4th -7th April 2022

**Courses-**

**1**-Confirmation of Participation in Infection and Control (IPC0 for Novel Coronavirus (COVID-19) organized by Health Emergencies Program W.H.O. on 02.05.2020

**2**-Record of Achievement in Emerging respiratory viruses, including COVID-19: methods for detection, prevention, response and control organized by Health Emergencies Program W.H.O. on 10.05.2020

**3**-Record of Achievement in e Protect Respiratory Infections (EN) organized by Health Emergencies Program W.H.O. on 15.05.2020

**4**-Certificate of Completion in Beyond Genes: Epigenetics, Environment, and Health organized by The Jackson Laboratory on 19.05.2020

**5**-Record of Achievement in Standard precautions: Environmental cleaning &disinfection organized by Health Emergencies Programme W.H.O. on 11.06.2020

**6**-Certificate of Completion in Health Literacy & Public Health: Introduction, organized by School of Public Health University at Albany, State University of New York on 17.06.2020

**7**-Certificate of Completion in Zoonosis, Vectors, Pests, and Weeds –EPHOC organized by Tulane University School of Public Health and Tropical Medicine and the University of Alabama at Birmingham School of Public Health on 11.06.2020

**8**-One week online short-term course on Applied Zoology, Organized by Zoology Department and IQAC Nutan Mahavidyalaya, Selu from 15 May to 20 May 2020

**9**-One week online Interdisciplinary short term course on Basics of Organic Farming-organized, by Department of Botany and IQAC, Athalye-Sapre-Pitre College (Autonomous) , Devrukh, Dist.: Ratnagiri, Maharashtra From May 31 to June 06:2020

**10**-Ten days online short-term E-course on Zoology organized Department of Zoology, Government Science College, Vankal, Ta. Mangrol, Dist. Surat, Gujarat. From 08 to 17 2020

**11-**Completed ToxLearn Module 1-Introduction to Toxicology and Dose-Response organized by Society of Toxicology on 10-01-2021

**12**-Completed record of Achievement course on Surgical Site Infections organized by World Health Organization held on 15TH April 2022

**Article**

**1**-A.K. Saxena, **B**. **Srivastava** and R. K. Srivastava An article “Role of Women in the Application and Development of Science and Technology” published on 99th Indian Science Congress Souvenir 64-67 January ; 3-7 2012 Bhubaneswar

**2-B**. **Srivastava** and Vijay L. Saxena Indole-3-Carbinol A Boon to Cancer Patient an article –published in Everyman’s Science Vol. XLVII No.2, June’12-July’12

**Webinar Talk-**

**1.** Delivered in the International Conference on Recent trends in Agriculture, Climate change, Bio & Life Sciences Cambodia 2019 on the topic “Bioaccumulation of Heavy Metal Contamination in River Ganga Basin” at Build Bright University Siem Reap, Cambodia 13-14 December 2019

**2**. Presented paper in the International Conference on Climate Change, Environment and Sustainable Development 2020 on the topic at RedTalks.net on 02-03-10-2020

**3**. Presented article entitled Antitumor promoting activity of Indole-3-Carbinol in mouse skin carcinogenesis via presentation in 2nd International Conference on Climate Change and its Effect on Environment, Food and Society held on 15th and 16th June2021 organized by Arts, Commerce and Science College, Sonai, Tal. Newasa, Dist. Ahmednagar, Maharashtra, India, sponsored by UGC, New Delhi

**Webinars-**

**1**- Participated in one day National webinar on Aquaculture Today held on 02nd May 2020, organized by Centre of Excellence in Aquaculture, Kamdhenu University, Ukai, Gujarat

**2**- Attended webinar on COVID-19: Prevention and Environmental Aspects on 3rd May2020 organized by Harharpur Friends of Environment and NB Institute for Rural Technology

**3**- Participated Webinar on Biodiversity, Wildlife and Traditional Knowledge on 08-09 07.2020 organized by ENVIS-RP, Institute of Wildlife Sciences, ONGC Centre for Advanced Studies, University of Lucknow, Uttar Pradesh

**4**- Participated National Level E-Quiz organized on 12th May2020 by National Cadet Crops (Army Wing), Guru Nanak College (Autonomous), Velachery, Chennai

**5**- Participated online quiz on COVID-19 Awareness Program conducted by Department of Physics on 13th May 2020 organized by Government Degree College, Nanauta, Saharanpur (U.P)

**6**- Participated the National Level E-Quiz on Youth Red Cross held on 17th May2020 conducted by the Youth Red Cross Service Club of Guru Nanak College (Autonomous), Velachery, Chennai India

**7**- Participated in the National Webinar on Safe Disposal of Expired and unused Medicine held on 21st May 2020 organized by Society of Pharmaceutical Sciences and Research (SPSR) in association with ISF College of Pharmacy, Moga, Punjab, India.

**8**- Participated in National level quiz competition held on 22nd May2020 organized by Department of Zoology, Shri Pundlik Maharaj Mahavidyala,Nandura Rly.Dist. Buldana

**9**- Participated in online quiz on International Day for Biological Diversity-2020 held on 22-05-2020 organized by Department of P.G. Studies in Zoology, Sharnbasva University, Kalaburgi

**10**- Participated in National webinar on Topic Pandemic Novel Corona Virus Disease (Covid-19) the Unseen and Unsaid held on 22-05-2020 organized by Department of Zoology, Sri Jai Narain Mishra P.G. College KKC Lucknow

**11**- Participated in the National Webinar on Challenges and Strategies for Agriculture, Health and Educational Services during Covid-19 in India held on 22-05-2020 organized by Society of Biological Sciences & Rural Development (SBSRD) and Society for Agriculture & Allied Research (SAAR)

**12**-Attended one day webinar on Biodiversity Conservation: Our Solutions are in Nature. held on 22-05-2020 organized by Dayanand Girls P.G. College Kanpur

**13**-Participated in the series of Advances in Biotechnology for Health, Food and Nutrition to Encounter Covid-19 held on 22,23 -05-2020 organized by A.K.S. University, The National Academy of Sciences , Bhopal Chapter

**14**-Participated in the national webinar on Covid-19: Role of Botany held on 26-05-2020 organized by Govt. P.G. College Pipariya, Dist. Hoshangabad (M.P.) India

**15**-Participated in national webinar on” Nature A Teacher” held on 27-05-2020, organized by Mahila Vidyalaya Degree College, Lucknow

**16**-Participated in an online General Sports Quiz organized by Department of Physical Education held on 27-05-2020 organized by Guru Nanak College (Autonomous), Guru Nanak Salai, Velachery, Chennai, T.N. India

**17**-Participated on District level quiz cum Awareness Programme on Covid-19 held on 27-05-2020 organized by National Service Scheme, CMP Degree College, Prayagraj.

**18**-Participated in Emerging Trend of Research Dimensions for Self Reliant India held on 02-06-2020 organized by Mahatma Gandhi Chitrakoot Gramodaya Vishwavidyalaya ,Chitrakoot, Satna(M.P.)

**19**-Participated in E-Quiz on Environmental Issues and Covid-19 held on 05-06-2020 organized by Society of Biological Sciences& Rural Development (SBSRD) Prayagraj and Society for Agriculture & Allied Research (SAAR) Firozabad (UP)

**20**-Participated in International webinar on Life Security in Current Scenario (LSCS) held on 05-0 6-2020 organized by Zoological Society of India (ZSI)Gaya, Society of Life Sciences (SLS) Satna, National Academy of Sciences India (NASI) , Bhopal chapter

**21**-Participated in International Webinar on Covid-19: Challenges and Opportunities for sustainable Environmental Development held on 05,07-06-2020 organized by Department of Environmental Sciences, AKS University, Satna in association with The National Academy of Sciences, India-Bhopal Chapter, The Academy of Environmental Biology& The Society of Life Sciences

**22**-Participated in one day State Level Webinar on Economic Zoology held on 17-06-2020 organized by Toshniwal A.C&S. College, Sengaon Dist-Hingoli and Late Ku. D.K.B. Science College, Lonar Dist. Buldhana

**23**-Attended webinar on Necessity of Yogic Science during the Pandemic Covid-19 held on 17-06-2020 organized by Science City of A.P. on the eve of International Yoga Day -2020

**24**-Participated in International webinar on Forensic Entomology and its Relevance in Legal Proceedings, organized by Department of Zoology, held on 29,30-06-2020 University of Lucknow, Lucknow, India

**25**-Participated in International webinar on Impact of Air Pollution on COVID Infection held on 20-06-2020 by Red Talks Daily International held on 20-06-2020

**26**-Participated in the webinar Herb &Drug Interaction held on 06-07-2020 organized by Department of Biochemistry & Internal Quality Assurance Cell (IQAC) Late Shri, V. W. T. C. Trust, Bhaskar Waman Takur Patil College of Science, Yashvant K.P. College of Commerce, Vidhya Dayanand Patil College of Arts. VIVA College Mumbai

**27**-Participated in the webinar on Impact of Climate Change on Biodiversity in India held on 15-07-2020 organized by STLLES Foundation India, New Delhi and EcoR, Kochi

**28**-Participated in National level webinar on “Gentle Giants of the Ocean” on celebrating International Whale Shark Day organized by Nature Club of Rajapalayam Rajus College and Wildlife Association of Rajapalayam (WAR)on 05-09- 2020

**29-**Participated in National level Webinar on Environment Protection on celebrating “International Ozone Layer Day” organized by Nature Club of Rajapalayam Rajus College and Wildlife Association of Rajapalayam (WAR) on 16-09-2020

**30**-Participated in National level Webinar on Entrepreneur opportunities in Fish Culture organized by School of studies in Zoology & Biotechnology Vikram University Ujjain on 24th December 2020

**31**-Participated in the SPSR National Webinar on Nanotechnology and Medical Science: Challenges Ahead organized by Society of Pharmaceutical Sciences and Research (SPSR) on January 16,2021

**32**-Participated in the webinar on Curbing Cybercrime and Develop an Ecosystem for Cyber Security organized by Shri Krishna University,Chhatarpur held on 15th March2021

**33**-Participated in International Webinar on Role of Science and Technology in Global health and Food Security Organized by Zoology & Biotechnology Dept. & Science Committee in Collaboration with ESW Society, Khajuraho, India &ASKA, Rishikesh, India held on 1st ,2nd and 3rd March2021.

**34**-Participated in National Webinar on Role of Native Plants in House Sparrow’s Livelihood organized by Nature Club of Rajapalayam Rajus College on celebrating “World Sparrow Day” 20thMarch 2021

**35**-Participated and successfully completed E Quiz in Zoology organized by Department of Zoology, Telangana Social Welfare Residential Degree College for Women, Mahabubabad. Certificate ID XPHP9E-CE000186 Y- 2021

**36.** Participated and successfully completed “Ecosystem Restoration” Theme base quiz on World Environment Day organized by Science, Environment and Educational Society, Affiliated to Vipnet Vigyan Prasar Network of Science Club DST Govt. of India. Certificate ID SEESKHZU5A-CE000167 Y- 2021

**37**.Participated in International webinar on “Role of Science and Technology in Global health and Food Security organized by Zoology & Biotechnology Department and Science Committee on 1st ,2nd & 3rd March 2021

**38**. Participated in National webinar on Curbing Cybercrime and Develop an Ecosystem for Cyber Security organized by Shri Krishna University, Chhatarpur on 15th March ,2021

**39.** Participated in national Webinar on “Conservation Issues and Threat To Biodiversity” organized by Department of Zoology and IQAC, Nilkanthrao Shinde Science and Arts College, Bhadrawati, Dist.- Chandrapur (MS) in collaboration with Society of Life Science, Satna held on 12th April 2021

**40.**Participated virtually in the International webinar in Rajasthan organized jointly by Department of Environmental Sciences, M.L. Sukhadia University, Udaipur, Agarwal Kanya Mahavidyalay Gangapur City and Rajasthan State Biodiversity Board, Jaipur along with more than 12 partner associates held on 22nd May 2021.

**41**. Participated in national webinar on celebrating “World Otter Day” on the topic “Otters of India” organized by Nature Club of Rajapalayam Rajus College and Wildlife Association of Rajapalayam (WAR) held on 26th May, 2021

**42.** Particated in national webinar on Combating Illegal Bird Trade organized by Postgraduate Department of Zoology (Under Star College Scheme) by Dev Samaj College for Women Ferozepur City held on 3rd June 2021

**43.** Participated in International Webinar on “Ecosystem Restoration Through Sustainable Biodiversity “organized by Zoology and Biotechnology Department in Collaboration with: ESW Society, Khajuraho, India held on 5th June,2021

**44.** Participated in National Webinar on celebrating “World Ocean Day “ on the topic Micro plastic Pollution in the Ocean and it’s Effect on Marine Life” organized by Nature Club of Rajapalayam Rajus College and Wildlife Association of Rajapalayam (WAR) held on 8th June,2021

**45.** Participated in National Webinar on the topic Simple Sustainability for you & me organized by Nature Club of Rajapalayam Rajus College and Wildlife Association of Rajapalayum (WAR) held on 10TH July2021

**46**. Participated in National Webinar on celebrating “World Tiger Day 2021” in theme Science Based Conservation of Tiger” organized by Nature Club of Rajapalayam Rajus College held on 29th July 2021

**47**. Participated in National level E-quiz on International Tiger Day organized by M.V. Muthiah Government Arts College9W) Dindigul, Tamil Nādu affiliated to Mother Teresa Women’s University held on 29th July 2021

**48**.Participated on Dr. Nagendra Swarup Memorial webinar on Role of Netaji Subhash Chandra Bose in Indian Freedom Struggle organized by Department of Defense & strategic studies D.A-V. College, Kanpur held on 23-01-2022

**49-**Participated in International Webinar on High Performance Bio Technology for Health Care organized by Department of Chemistry in collaboration with IQAC held on 17-02-2022

**50**-Participated in National Level online quiz on the occasion of National Science Day 2022 organized by Department of Botany & NSS, Govt. City College(A) Nayapul, Hyderabad, Telangana State, India held on 28th Feb:2022, Certificate Id OAESW8-CE00050

**Working experiences**

**1**.Supervised microtomy sessions of M.Sc. students - 2013-2014, 2014-2015, 2015-2016, 2016-2017,

**2**.Member of admission committee of M.Sc. Previous- 2013,2020

**3.**Member of admission committee of M.Sc. Final - 2014

**4**.Member of B.Sc.1st year admission committee 2015-2016, 2016-2017, 2018-2019,2020-2021,2021-2022

**5**.Organizing practical schedule of B.Sc. 1st year 2015-2016, 2016-2017, 2017-2018

**6**.Member of Departmental Museum committee 2018-2019

**7**.Organizing practical schedule of M.Sc. Final Year 2019-2020, 2020-2021,2021-2022, 2022-2023,

**8**. Member of Sexual Harassment Redressal Cell 2017

**9**.Member of Mission Shakti Abhiyaan of College 2021

**10**.Member of RUSA Committee of College 2022

**11**.Member of National Science Congress &amp; Century Club Vision (2047) 2023 of D.A-V. College Kanpur

**12**.Member of admission committee of M.Sc. Previous year 2023

13.Member of Purchase Committee 2023

**Participation**

**1-**Participated in HIV\AIDS (TADA Project UNDP) Awareness Program me at Udayshanker Vidyalaya Kanpur (2007)

**2-**Participated Jaagrukta Abhiyan for Covid 19 Pandemic organized by The National Academy of Sciences, India (NASI), Professional Scientific Body of Department of Science and Technology (DST) on 16.02.2021

**3-**Participated International Virtual Art Exhibition named Art from the Heart held on 6th June 2021

**4.**Member of Swadeshi Jagran Manch as Mahanagar Vichaar Vibhag Pramukh 2021

**5**.Member of Rashtriya Seweka Samittii as Jila Baudhik Pramukh 2023

**Memberships-**

**1**-Life member of the Indian Science Congress Association 04-03-2009

**2**-Honorary Fellowship of Society of Life Sciences-09-06-2016

**3**-Life Member of Asian Biological Research Foundation-2019

**4**-Life Member of Society of Biological Sciences and Rural Development-2019s

**5**-Life Member of Environment &Social Welfare Society, Khajuraho -31-01-2020

**6**-Life Member of Society for Environment & Sustainable Development 10-02-2021

**7-**Honorary membership of National Council of Teacher Scientist, INDIA 07-06-2021

8-Member of Swadeshi Jagran Manch as Mahanagar Vichaar Vibhag Pramukh 2021

**Editorial board**-

**1**-Member of Editorial Board of Asian Journal of Science and Innovative Research

**2**-Member of Editorial Board of Life Sciences International Research Journal

**3**-Guest Editor of International Multidisciplinary Research Foundation

**Awards**

 **1**.Distinguished Service Award 2019 in Toxicology by Society of Biological Sciences and Rural Development

**2**. Senior Scientist Award- 2019 by Asian Biological Research Foundation Prayagraj

**3**. Excellent and Dedicated Professional Achievement Award-2020 by Global Research Foundation KAAV Media Pvt. Ltd Delhi

**4**. Indo Asia – James Dwight Distinguished Zoologist Award 2020 by RED Research Educational Talks Daily International on the occasion of World Science Day held on 10th November2020

**5**. Excellence Award (Faculty) presented by Education expo tv Research& Branding Company on 06th December 2020

**6**. Naari Shakti Samman 2021 by Society of Biological Sciences and Rural Development on 08th March 2021

**7.** International Innovative Women Scientist Award 2021 in Toxicology by Center for Professional Advancement HQ: West Midlands UK, Overseas Branch Vijayawada A P, India on 08th March2021

**8**. Star Icon Award 2021 presented online by Suman Art Theaters (SAT) on 18th April2021

**9.** Innovative Biologist Award 2021 on National Conference on Multidisciplinary Research & Practice Koshambi Foundation Agra at Jubillee Hall, Dr. B.A. University, Paliwal Campus, Agra held on 12th -14th November 2021

**10.**Paryavaran Mitra Puraskar-2021 on the occasion of International Conference on Emerging Trends in Agricultural, Rural & Environmental Development by Society of Biological Sciences and Rural Development (SBSRD) 19th &20th December2021

**11**.Distinguished Academician Award 2022 by Research Education Solutions during the International Conference on Industrial & Innovations in Management, Science & Technology, Education and Humanities on 24th April 2022 Noida,U.P.,Regd under MSME Govt of India

**12.**Nominated as Best Faculty of the Year Award (Science) by 3rd International Inspirational Women Awards (IIWA)2022

**13.** Women Leadership Award 2022 Presented by Glantor X (Marketing and Research Industry 0 in association with Zee News and Dailyhunt.

14- Naari Gaurav Sammaan 2023 given by Society for Agriculture and Allied Research Firozabad U.P. India

**Orientation, FDPs & Refresher Courses**

**1**. Four-week Orientation program organized by Teaching Learning Centre, Ramanujan College University of Delhi held from 26th June to 24th July,2020

**2**.Two- weeks FDP on Research Methodology organized by Teaching Learning Centre, Ramanujan College, University of Delhi held from 01st to 15th October 2020

**3.**Two-week FDP on Managing online classes and Co Creating MOOCS 3.0 organized by Teaching Learning Centre, Ramanujam College University of Delhi held from 25th July to 10th August 2020

**4**.Two- week Interdisciplinary Refresher course on Advanced Research Methodology Tools and Techniques organized by Teaching Learning Centre, Ramanujam College University of Delhi held from 30th January to 14th February 2021

**5**.One- week FDP on Statistical Applications using SPSS Software, organized by G.L. Education Foundation, Bengaluru held from 1st -6th January 2022

 **6**.Two-week Interdisciplinary Refresher Course on Advanced Research Methodology organized by Teaching Learning Centre, Ramanujam College University of Delhi held from 21st July to 4th August 20

**References**

**1**. Dr. Nagendra Swarup, Secretary, Board of Management, D.A.-V. College, 15\96, Civil Lines Kanpur EPABX 2305646, 2305648

**2**. Dr. Yogeshwar Shukla. Scientist G Industrial Toxicology Research Centre, 80 M.G. Marg Lucknow, Mobile No. 09415158430