

Dr. Lokesh Chandra Mishra

Personal Details

- Father's name: Mr. Umesh Chandra Mishra
- Category: General
- Current Position: Assistant Professor in Zoology, Hansraj College, University of Delhi, Delhi.
- Date of Birth: 10th June, 1982
- Local address: Flat No. 181 (Ground Floor)
DA Block, Shalimar Bagh
Delhi-110088
- Permanent address: 58/1 Gyankunj, Benigunj, Allahabad, UP-211016
- Phone numbers: 09873486270
- Email i.d.: lokesh20sept@yahoo.co.in, lokeshchmishra@gmail.com

Career Objective

- To contribute effectively to the field of academics and research in life sciences.

Educational Background

- **Doctor of Philosophy**
Title: *Novel Artemisinin Based Combinations against Blood Stages of Plasmodium falciparum And Their Effect on Some Vital Metabolic Events.*
Year: 2011.
Supervisor: Prof. V.K. Bhasin, Molecular Parasitology Lab, Department of Zoology, University of Delhi.
- **Master of Science**
M.Sc. in Zoology from Department of Zoology (registered in Hans Raj College), Delhi University
Year: 2002 – 2004; (*Percentage: 66.7%*), **First Class**
First Year Special Papers- **Immunology and Animal behavior**
Final Year- **Entomology**
- **Bachelor of Science**
B.Sc. Biology (General), Subjects: Zoology, Botany and Chemistry from Ewing Christian College (Allahabad University)
Year: 1999 – 2002; (*Percentage: 63.27%*), **First Class**
- **Intermediate (10+2)**
Board: U.P. Board, Subjects: Biology, Physics, Chemistry, Hindi and English
College: Government Inter College, Allahabad
Year: 1998; (*Percentage: 69.2%*), **First Class**

- **High School (10)**

Board: U.P. Board, Subjects: Biology, Science, Mathematics, Social Science, Hindi and English

College: Government Inter College, Allahabad

Year: 1996; (*Percentage: 75.33%*), **First Class with Honors**

Additional Qualifications

- Qualified joint CSIR-UGC National Eligibility Test (NET) for Lectureship held on 28.12.2003 (Subject : Life Science)
- Qualified joint CSIR-UGC Junior Research Fellowship (JRF) held on 27.06.2004 under CSIR fellowship Scheme (Subject : Life Science)
- Swift India Plus course in computers from NIIT Delhi Kamla Nagar centre in August 2003.

Publications

RESEARCH - PUBLICATIONS

1. Antiplasmodial interactions between artemisinin and triclosan or ketoconazole combinations against blood stages of *Plasmodium falciparum* *in vitro*.

Lokesh C. Mishra, Amit Bhattacharya and Virendra K. Bhasin

American Journal of Tropical Medicine and Hygiene 2007; 76 (3): 497–501

ISSN/ISBN No. 0002-9637

Impact Factor: 2.6

Article was included in “WHO/AFRO Library Awareness Bulletin for March 2007” issued by World Health Organization (WHO).

(http://afrolib.afro.who.int/Infodigest/Mars_07/ATM_Mar_07.htm)

2. *In Vitro* activity of artemisinin in combination with clotrimazole or heat-treated amphotericin B against *Plasmodium falciparum*.

Amit Bhattacharya, Lokesh C. Mishra and Virendra K. Bhasin

American Journal of Tropical Medicine and Hygiene 2008; 78(5): 721-728

ISSN/ISBN No. 0002-9637

Impact Factor: 2.6

3. Synthesis of novel substituted 1, 3-diaryl propenone derivatives and their antimalarial activity *in vitro*.

Nidhi Mishra, Preeti Arora, Brajesh Kumar, Lokesh C. Mishra, Amit Bhattacharya, Satish K. Awasthi and Virendra K. Bhasin

European Journal of Medicinal Chemistry 2008; 43 (7): 1530-1535

ISSN/ISBN No. 0009-4374

Impact Factor: 3.44

4. Potent antimalarial activity of newly synthesized substituted chalcone analogs *in vitro*.

Satish K. Awasthi, Nidhi Mishra, Brajesh Kumar, Manish Sharma, Amit Bhattacharya, Lokesh C. Mishra, Virendra K. Bhasin

Medicinal Chemistry Research 2009; 18, 407-420.

ISSN/ISBN No. 1054-2523

Impact Factor: 1.7

5. Phytochemical licochalcone A enhances antiplasmodial activity of artemisinin *in vitro*.

Lokesh C. Mishra, Amit Bhattacharya, and Virendra K. Bhasin

Acta Tropica 2009; 109, 194–198

Impact Factor: 2.5

ISSN/ISBN No. 0001-706X

Article was included in “Malaria Bulletin” issued by United States Agency for International Development (USAID) in March, 2009.

6. Antimalarial pharmacodynamics of chalcone derivatives in combination with artemisinin against *Plasmodium falciparum* *in vitro*.

Amit Bhattacharya, Lokesh C. Mishra, Manish Sharma, Satish K. Awasthi and Virendra K. Bhasin

European Journal of Medicinal Chemistry 2009; 44, 3388-3393

ISSN/ISBN No. 0009-4374

Impact Factor: 3.44

Article was included in Research Highlight as “Combo therapy for malaria” in NATURE India, April 2009.

(<http://www.nature.com/nindia/2009/090413/full/nindia.2009.100.html>)

7. HIV protease inhibitors, indinavir or nelfinavir, augment antimalarial action of artemisinin *in vitro*.

Lokesh C. Mishra, Amit Bhattacharya, Manish Sharma and Virendra K. Bhasin

American Journal of Tropical Medicine and Hygiene 2010; 82, 148-150.

ISSN/ISBN No. 0002-9637

Impact Factor: 2.6

Article was included in Research Highlight as “Drug combo for HIV, malaria” in NATURE India, February 2010.

(<http://www.nature.com/nindia/2010/100226/full/nindia.2010.21.html>)

8. Antimalarial activity of newly synthesized chalcone derivatives *in vitro*.
Neesha Yadav, Sandeep Dixit, Amit Bhattacharya, Lokesh C. Mishra, Manish Sharma, Satish K. Awasthi and Virendra K. Bhasin
Chemical Biology and Drug Design 2012; 80: 340–347
ISSN/ISBN No. 1747-0285
Impact Factor: 2.5
9. Spectroscopic Interaction of a Coumarin Derivative with Bovine Serum Albumin
Rajeev Sindhu, Anjani K. Tiwari, Lokesh C. Mishra, and M.M. Husain.
Cancer Biotherapy & Radiopharmaceuticals 2012; 27(7): 452-456
ISSN/ISBN No. 1557-8852
Impact Factor: 1.78
10. Modified benzoxazolone derivative as 18 kDa TSPO Ligand
Neelam Kumari, Nidhi Chadha, Pooja Srivastava, Lokesh C Mishra, Sunita Bhagat, Anil K Mishra, Anjani K Tiwari
Chemical Biology & Drug Design · 2017 Oct; 90(4):511-519
ISSN/ISBN No. 1747-0285
Impact Factor: 2.5
11. In Vitro and In Vivo evaluation of folate-mediated tumor cell targeting of Cytrabine
Gauri Mishra, Lokesh Chandra Mishra, Anjani K Tiwari and Anil K Mishra
International Journal of Advance Research in Science and Engineering
7(4), April 2018, 726-745
ISSN: 2319-8354

RESEARCH HIGHLIGHTS IN NATURE INDIA

(<http://www.nature.com/nindia/index.html>)

1. “Combo therapy for malaria” published online in NATURE India on 13 April 2009 (doi:10.1038/nindia.2009.100)
<http://www.nature.com/nindia/2009/090413/full/nindia.2009.100.html>
2. “Drug combo for HIV, malaria” published online in NATURE India on 26 February 2010 (doi:10.1038/nindia.2010.21)
<http://www.nature.com/nindia/2010/100226/full/nindia.2010.21.html>

CHAPTERS FOR NATIONAL SCIENCE DIGITAL LIBRARY (NSDL)-A PROJECT OF NATIONAL INSTITUTE OF SCIENCE COMMUNICATION AND

INFORMATION RESOURCES (NISCAIR) UNDER COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH (CSIR)

1. Cells and organs of immune system
Lokesh Chandra Mishra (2005)
<http://nsdl.niscair.res.in/jspui/bitstream/123456789/489/1/CELLS%20and%20ORGANS%20of%20%20IMMUNE%20SYSTEM-%20Formatted.pdf>
2. Antigens, Epitope and Haptens
Lokesh Chandra Mishra (2005)
3. AIDS and other immunodeficiencies and Autoimmunity
Lokesh Chandra Mishra (2006)

CHAPTERS FOR UNDERGRADUATE COURSES (ONLINE RESOURCES, CELL BIOLOGY) AT INSTITUTE OF LIFE LONG LEARNING (ILLL), UNIVERSITY OF DELHI

1. Endoplasmic Reticulum
Lokesh Chandra Mishra & Gauri Mishra (2014-2015)
http://vle.du.ac.in/file.php/549/CELL_BIO/Endoplasmic_reticulum_ILLL.pdf
ISSN 2349-154X
2. Prokaryotic and Eukaryotic Cell
Lokesh Chandra Mishra & Gauri Mishra (2015-2016)
http://vle.du.ac.in/file.php/549/CELL_BIO/Prokaryotic_Eukaryotic_Cells_Corrected_Revised.pdf
ISSN 2349-154X
3. Virus, Viroids, Mycoplasma and Prions
Lokesh Chandra Mishra & Gauri Mishra (2016-2017)
http://vle.du.ac.in/file.php/549/CELL_BIO/Viruse_Viroids_Mycoplasma_and_Prions.pdf
ISSN 2349-154X

CHAPTER FOR E-PATHSHALA FOR POST GRADUATE COURSES –AN MHRD PROJECT UNDER ITS NATIONAL MISSION ON EDUCATION THROUGH ICT (NME-ICT), GOVT. OF INDIA

1. *Giardia*: Mode of Infection (2015-2016)
Lokesh Chandra Mishra & Gauri Mishra
http://epgp.inflibnet.ac.in/view_s.php?category=888
2. *Plasmodium*: Morphology and Life Cycle (2016-2017)
Gauri Mishra & Lokesh Chandra Mishra

http://epgp.inflibnet.ac.in/view_s.php?category=888

BOOK REVIEWED/AUTHORED

1. "Animal Cell Culture" – Publisher: PHI Learning Private Limited (2012).
2. Manual of Higher Secondary Biology Laboratory Kit—Publisher: NCERT, New Delhi (2018) Co-authored, ISBN: 978-93-5007-786-3
3. Ecological Approaches to Pest Management; Publisher: Bioscientific Publisher, New Delhi-110052, Second Author (Co-author), ISBN: 978-81-947497-8-3 (In Press, 2021)

E-MODULE FOR NCERT (NEW DELHI), FOR HIGHER SECONDARY STAGE (2017)

- Process of Meiosis, e-Resources in Biology for Higher Secondary Stage, DESM, NCERT, NIE, NEW DELHI.
- Cell Cycle, e-Resources in Biology for Higher Secondary Stage, DESM, NCERT, NIE, NEW DELHI.
- Process of Mitosis, e-Resources in Biology for Higher Secondary Stage, DESM, NCERT, NIE, NEW DELHI.
- Type of mitosis and its significance, e-Resources in Biology for Higher Secondary Stage, DESM, NCERT, NIE, NEW DELHI.

CHAPTER IN BOOK "CLIMATE CHANGE AND DISASTER MANAGEMENT" PUBLISHED BY CENTRE FOR PROFESSIONAL DEVELOPMENT IN HIGHER EDUCATION, UGC-HRDC, UNIVERSITY OF DELHI (ISBN: 978-81-934519-5-3)

- Malaria Epidemiology and Climate Change (2018)
Dr Lokesh Chandra Mishra

E-MODULE OF TRAINING PACKAGE IN BIOLOGY FOR TEACHERS TEACHING at Higher Secondary Stage under SWAYAM (Govt. Of India, NCERT) Delhi, 2019

- Enhancing Food Production
- Biology in Human Welfare
- Cell and Cell Cycle

INTERNATIONAL/NATIONAL CONFERENCES/ SYMPOSIUMS/ PRESENTATIONS

INTERNATIONAL / NATIONAL CONFERENCES

1. “New Developments in Rapeseed-Mustard”. Organized by Mustard Research and Promotion Consortium, Government Recognized Scientific & Industrial Research Organization, Jan 21, 2006, New Delhi, India.
2. “XXX All India Cell Biology Conference & Symposium on Molecules to Compartments: Cross-Talks & Networks” organized by Indian Society of Cell Biology from 2nd to 4th February, 2007 at Department of Zoology, Delhi University, Delhi.
3. “IX International Symposium on Vectors and Vector Borne Diseases” organized by National Institute of Malaria Research, New Delhi from 15 to 17 February 2008 at Puri, Orissa.
4. “9th Asia Oceania Congress of Nuclear Medicine and Biology” at Convention Hall, The Ashok Hotel, Chanakyapuri, New Delhi, India during 31st October-4th November, 2008.
5. “International Symposium on Microbial Biotechnology: Diversity, Genomics and Metagenomics” organized by Association of Microbiologists of India (AMI) from 18 to 20th November, 2008 at the Department of Zoology, University of Delhi, Delhi.
6. “21st Annual Congress of the European Association of Nuclear Medicine – EANM’ 08”. October 11 – October 15, 2008, Munich, Germany.
7. “International Conference on Recent Trends in Developing Bioremediation Strategies for Hexachlorocyclohexane (HCH) & Other Chlorinated Contaminants” organized by Indo - Swiss Collaboration in Biotechnology (ISCB), Department of Zoology, University of Delhi, New Delhi from 9th to 11th February, 2011.
8. ‘Stakeholders’ Consultation and Launch of United Nations Decade on Biodiversity for Asia and Pacific’ organized by Ministry of Environment and Forests, Government of India on 23rd May, 2011 at Ashok Hotel, New Delhi
9. The Academic Congress “Enabling the Young: Redefining Education” organized by University of Delhi, Delhi on 6th -7th September, 2012.
10. Participated in CME on “Medical Cyclotron and PET Imaging: Needs And Challenges” by Department of Nuclear Medicine & Indian College of Nuclear Medicine (ICNM) on the occasion of Silver Jubilee Celebration of Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow, 12-13 April, 2014.
11. 1st International Conference on “Emerging Trends of Nanotechnology in Drug Discovery” organized by Sri Venkateswara college, University of Delhi & Department of Biotechnology, UDSC India in association with CQM, University of Madeira, Portugal, held on 26-27 May, 2014
12. Conference on “Role of Technical Terminology in Higher Studies” organized by Commission for Scientific and Technical Terminology at Hansraj College, University of Delhi, Delhi-110007 from 23.07.15 to 24.07.15.
13. Participated in Indo-Portuguese Workshop on Emerging Trends of Nanotechnology in Chemistry and Biology organized by Department of Chemistry, Hansraj College & Deshbandhu College, University of Delhi, India in association with Centro de Quimica da Madeira (CQM), University of Madeira, Portugal on 12-13 February, 2016.

14. National Seminar on “Role of Analytical Sciences in Sustainable Development” held on March 4-5, 2016 at Hansraj College, University of Delhi jointly organized by Hansraj College (University of Delhi), Indian Society of Analytical Scientists-Delhi Chapter (ISAS-DC) and Petrotech Society of India.
15. Attended and oral presentation at SNMICON, Atomic Panorama, Canvassing the power of Nuclear Medicine and Molecular Imaging, organized by INMAS, DRDO and Society of Nuclear Medicine (INDIA), 14th -17th Dec, 2017.

RESEARCH-PRESENTATION (POSTER/ORAL) IN SYMPOSIUMS & CONFERENCES

1. “In vitro interaction between artemisinin, triclosan or ketoconazole combinations against blood stages of *Plasmodium falciparum*” (Mishra L. C, Bhattacharya A and Bhasin V. K) at IX International Symposium on Vectors and Vector Borne Diseases, Puri, Orissa, Feb 15-17, 2008. (WON 3RD PRIZE IN JUNIOR SCIENTIST CATEGORY)
2. “Schizontocidal interactions between twin combination of artemisinin, clotrimazole or triclosan against *Plasmodium falciparum* in vitro” (Bhattacharya A, Mishra L. C and Bhasin V. K) at IX International Symposium on Vectors and Vector Borne Diseases, Puri, Orissa, Feb 15-17, 2008.
3. “Antimalarial activity of some novel chalcone analogs *in vitro*” (Sharma M, Bhattacharya A & Mishra L. C) at International Symposium on Microbial Biotechnology: Diversity, Genomics and Metagenomics, 49th Annual Conference of Association of Microbiologists of India, University of Delhi, Delhi, November 18th – 20th, 2008.
4. Oral Presentation at 9th Asia Oceania Congress of Nuclear Medicine and Biology” at Convention Hall, The Ashok Hotel, Chanakyapuri, New Delhi, India during 31st October-4th November, 2008.
5. Oral Presentation at 49th Annual Conference of the society of Nuclear Medicine-India (SNMICON-14th -17th Dec 2017) on Atomic Panorama Canvassing the Power of Nuclear Medicine and Molecular Imaging, INMAS, DRDO, 2017.

ORIENTATION/ REFRESHER/ FDPs/ WORKSHOPS

1. ”Basic Training Workshop in Drosophila Genetics” organized by Drosophila Stock Center, Department of Zoology, University of Delhi, on 13th – 14th November, 2010.
2. Successfully completed the Orientation Programme (OR-70) organized by CPDHE, University of Delhi from June 25th to July 21st, 2012.
3. Successfully completed the Refresher Course in Life Sciences/Biological Sciences/Bioinformatics organized by CPDHE, University of Delhi from February 25th to March 16th, 2013.
4. Co-ordinator/ Staff-organizer in ”Molecular Biotechnology Techniques” workshop organized by Department of Zoology, Hansraj College, University of Delhi,

- sponsored by DBT Star College Scheme, Department of Biotechnology, Govt. Of India 21st-23rd March, 2014.
5. Participated in the workshop titled “Review & Development of Existing Science Kit at Upper Primary & Secondary Stage” held from 17th to 21st Aug and 24th to 28th Aug, 2015 (Two weeks) at Division of Educational Kits, NCERT, and New Delhi.
 6. DBT-sponsored Workshop on “Integrating ICT in Teaching and Learning” held from December 11-18, 2015 at Department of Physics and Electronics, Hansraj College, University of Delhi.
 7. Indo-Portuguese Workshop on Emerging Trends of Nanotechnology in Chemistry and Biology organized by Department of Chemistry, Hansraj College & Deshbandhu College, University of Delhi, India in association with Centro de Quimica da Madeira (CQM), University of Madeira, Portugal on 12-13 February, 2016.
 8. Successfully completed the Refresher Course in Climate Change and Disaster Management organized by CPDHE, University of Delhi from June 9 to June 30, 2017.
 9. Participated in Faculty Development Programme on “Digital Literacy: An Introduction to ICT Skills” held on September 15-17, 2017 at Department of Physics and Electronics, Hansraj College, University of Delhi.
 10. Participated in Faculty Development Programme on “Challenges before the academia in the era of gadgets, e-communication and AI (interdisciplinary)” held from 15.12.2018 to 28.12.2018 organized by Mahatma Hansraj Faculty Development Centre (A centre of MHRD, Govt. of India under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching), Hansraj College, University of Delhi.
 11. Participated in the workshop titled “Development of Video Guide on the Use of Secondary Science Kit in Division of Educational Kits Developed by DEK, NCERT” held during 24th June to 5th July, 2019 (Two weeks) at Division of Educational Kits, NCERT, New Delhi.
 12. Participated in one Week Faculty Development Programme on ” Research Methodology: Tools & Techniques” from 5th to 11th June, 2020 organized by Atma Ram Sanatan Dharma College, University of Delhi in Collaboration with Teaching Learning Centre, Ramanujan College, University of Delhi under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching scheme of MHRD, Govt. Of India.
 13. Successfully completed Two Weeks Faculty Development Programme on ” ADVANCE CONCEPTS FOR DEVELOPING MOOCS” from July 02-July 17, 2020 organized by Teaching Learning Centre, Ramanujan College, University of Delhi sponsored by Minisrty of Human Resourse Development Under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching.
 14. Successfully completed Two Weeks Faculty Development Programme on ” Usage of ICT in Education: Challenges and Opportunities during Covid19” from July 02-July 15, 2021 organized by Mahatma Hansraj Faculty Development Centre, Hnasraj College, University of Delhi. A centre of MoE, Govt. Of India Under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT)
 - 15.

Additional Academic Activities/Courses

1. Resource Person/ Member of Organizing Committee in the “INSPIRE Internship Program-2012” organized by Hans Raj College, University of Delhi in Collaboration with DST, Government of India from December 17-21, 2012.
2. Jury Member in National Level Exhibition and Project Competition (NLEPC), a component of Innovation in Science Pursuit for Inspired Research (INSPIRE) organized by Department of Science and Technology, Government of India (2013).
3. Organizing Committee Member in “National Conference on Relevance of Nanotechnology in Biology” organized by Department of Botany and Zoology, Hans Raj College, University of Delhi, Delhi on 1st March, 2013.
4. Resource person in a workshop on “Design and Development of Biology, Mathematics and Physics kits for Higher Secondary Stage” held from 4th to 7th Feb, 2014 in Division of Educational Kits, NCERT, New Delhi.
5. Attended workshop related to translation and finalization of Biology items for National Talent Search Examination (NTSC) on 19.03.2014 at NCERT.
6. Invited lectures in Zoology at Prarambh- State Level School for Teacher Education, Jhajjar, Govt of Haryana, From August to November, 2014.
7. Resource person in a workshop titled “Review and Development of Biology Kit and Kit Manual for Higher Secondary Stage” from 23rd -27th June, 2014 organized by Division of Educational Kits, NCERT, New Delhi.
8. Resource person in a workshop “Orientation of Key Resource Persons of SCERTs/SIE/RMSA/SSA on Preparation and Uses of Science and Mathematical kits developed by NCERT” from 11th – 14th August, 2014 organized by Division of Educational Kits, NCERT, New Delhi.
9. Member (external) “Dissection Monitoring Committee” Ramjas College, University of Delhi since September 2014.
10. Member “Dissection Monitoring Committee” Hansraj College, University of Delhi since September 2014.
11. Resource person in DBT sponsored workshop on “Fluorescence Studies of Organic Structure” held on 26th -27th September, 2014 at Department of Physics and Electronics, Hansraj College, DU.
12. Jury Member at “4th National Level Exhibition & Project Competition” held from 6th-8th October, 2014 organized by Ministry of Science & Technology, Govt of India.
13. Resource person in a workshop titled “Design and Development of Biology Kit for Higher Secondary Stage” from 2nd Feb-6th Feb, 2015 organized by Division of Educational Kits, NCERT, New Delhi.
14. Resource person in an Add-On Course organized by Swami Shraddhanand College, University of Delhi on “Culture Techniques in Biology” from 23rd March- 2nd April, 2015.
15. Organizer in World Ozone Day celebration in collaboration with Millennium India Education Foundation at Hansraj College, University of Delhi in 2016.

16. Resource person in the workshop titled “Development of Hindi versions of manual of Upper Primary Science Kit & Manual of Secondary Mathematics Kits” held from 26th to 30th October 2015, at Division of Educational Kits, NCERT, and New Delhi.
17. Jury Member at “5th National Level Exhibition & Project Competition” held from 6th-7th December, 2015 organized by Ministry of Science & Technology, Govt of India.
18. Organizer in the workshop on “Bioinformatics” organized by Department of Zoology, Hansraj College sponsored by Department of Biotechnology (Govt of India) under Star College Project on 28th September, 2015.
19. Resource person in the workshop titled “Review & Development of Existing Science Kit at Upper Primary & Secondary Stage” held from 13th to 15th January 2016, at Division of Educational Kits, NCERT, and New Delhi.
20. Organizing Committee member in Indo-Portuguese Workshop on Emerging Trends of Nanotechnology in Chemistry and Biology organized by Department of Chemistry, Hansraj College & Deshbandhu College, University of Delhi, India in association with Centro de Quimica da Madeira (CQM), University of Madeira, Portugal on 12-13 February, 2016.
21. Organizer in two days Workshop on “Biotechnology techniques” organized by the Department of Zoology, Hansraj College under DBT Star College Scheme on 21-22 March, 2016.
22. Work for “CanSupport” in awareness campaign to aware, educate and encourage everyone to take action against Breast Cancer.
23. Delivered an “Invited Lecture” on ELISA and its Application in Add-on course, entitled “An Integral Perspective for Skill Augmentation” held from 23rd Feb to 5th March 2016, in Swami Shraddhanand College, University of Delhi.
24. Resource person in the programme entitled “Development of Audio-Video Materials on Experiments/ Activities in Science at Secondary Stage” held from 19.09.2016 to 23.09.2016, at DESM, NCERT NIE Campus New Delhi.
25. Jury Member in National Level Exhibition and Project Competition (NLEPC), a component of Innovation in Science Pursuit for Inspired Research (INSPIRE) organized by Department of Science and Technology, Government of India, held at NPL, New Delhi (2016).
26. Organized a seminar on “Management skills in office Administration-Practices and Advances” during 22-23rd November, 2016 at Hansraj College, University of Delhi.
27. Participated as an Organizer in two days Workshop on “Techniques in Immunology” organized by the Department of Zoology, Hansraj College under DBT Star College Scheme on 19th -20th December, 2016.
28. Resource person in a programme “Capacity Building of Key Resource Persons on the use of Biology Kit at Higher Secondary Stage” from 26-27 Dec, 2016 organized by DESM, NIE Campus, NCERT, New Delhi.
29. Organizer in two days Workshop on “DROSOPHILA- A model organism” organized by the Department of Zoology, Hansraj College under DBT Star College Scheme on 20 & 21 January, 2017.

30. Contributed as a guide to the undergraduate students in DBT-sponsored Projects on “To find the Dielectric constant of glass” during the academic year 2016-17 at Department of Physics and Electronics, Hansraj College, University of Delhi.
31. Organizer in one day Workshop on “Construction and Analysis of phylogenetic trees” organized by the Department of Zoology, Hansraj College under DBT Star College Scheme on 23rd February, 2017.
32. Organizer in two days Workshop on “Zebrafish- A model organism” organized by the Department of Zoology, Hansraj College under DBT Star College Scheme on 21-22 February, 2017.
33. Organizer in Workshop on “Beekeeping-Be a Bee” organized by the Department of Zoology, Hansraj College under DBT Star College Scheme on 22 August, 2017.
34. Organizer in two days Workshop on “Diagnostic Applications of Immunological Techniques” organized by the Department of Zoology, Hansraj College under DBT Star College Scheme on 19-20 September, 2017.
35. Organizer in Workshop on “Basic Blood and Biochemical Parameters of Human Health” organized by the Department of Zoology, Hansraj College under DBT Star College Scheme on 7 September, 2017.
36. Resource person in the programme titled “Capacity Building of Key Resource Persons on the use of Biology Kit at Higher Secondary Stage” at DEK, NCERT, New Delhi from 3-12 October, 2017.
37. Resource person in the programme titled “Development of e-Resources in Biology for Higher Secondary Stage” at Department of Education in Science and Mathematics, NCERT, NIE, New Delhi from 23.11.2017 to 27.11.2017.
38. Attended and oral presentation at SNMICON, Atomic Panorama, Canvassing the power of Nuclear Medicine and Molecular Imaging, organized by INMAS, DRDO and Society of Nuclear Medicine (INDIA), 14th -17th Dec, 2017.
39. Resource person in the programme entitled “Development of Education in Science and Mathematics” at NCERT, NIE, NEW Delhi from 23.11.2017 to 27.11.2017.
40. Participated a programme entitled “A study on Status of Science Teaching with reference to Children with Special Needs (CWSN) Studying at Secondary Schools of Delhi” organized by Department of Education in Science and Mathematics, NIE, NCERT, New Delhi from 19.02.2018 to 20.02.2018 & 22.02.2018 to 23.02.2018.
41. Resource person in the workshop titled “Orientation of Key Resource Persons of SCERTs/SIEs/State Functionaries belonging to SC Dominated Area on Preparation and Use of Upper Primary Science Kit” held on 9th & 10th January, 2018 at Division of Educational Kits, NCERT, New Delhi.
42. Resource Person and Member of Organizing Committee in the INSPIRE Programme (DST) held at Hansraj College, University of Delhi from 12th December 2017 to 16th December 2017.
43. Resource person for Translating Content in Biology in Two Day Workshop conducted by Educational Survey Division, NCERT during 17-18 January 2018.
44. Science Ambassador 2017 at 1st Science Ambassador Program, a Seminar & Workshop on recent developments in Biotechnology organized by Bio-Rad

- Laboratories in association with Deshbandhu College, University of Delhi and St. Thomas Girls Sr. Sec School on 6th Nov, 2017.
45. Resource person in the programme entitled “Capacity Building of Key Resource Person on the use of Biology Kit at Higher Secondary Stage from 3rd October to 12th October 2017” conducted at Seminar Room, First Floor, Division of Education Kits, NCERT, New Delhi.
 46. Invited talk and workshop conducted for PGT biology teachers at Amity International School, Saket, New Delhi on 25th June 2018.
 47. Resource Person in a workshop titled “Development of Modules of Training Package in Biology for Teachers teaching at Higher Secondary Stage in online format” organized by DESM, NIE, NCERT, New Delhi from 30.07.2018 to 03.08.2018.
 48. Resource person in the programme entitled “Development of Video Guide on the use of Upper Primary Science Kit in Division of Educational Kits Development” organized by DEK, NCERT, New Delhi on 10th, 11th, 13th and 14th September, 2018.
 49. Invited CBSE speaker for senior secondary students at Amity International School, Gurugram, Haryana on 20th November, 2018.
 50. Resource person in the programme entitled “Development of Modules of Training Package in Biology for Teachers teaching at Higher Secondary Stage in online format” organized by DESM, NCERT, New Delhi from 7-11 January, 2019.
 51. Resource person in the programme entitled “Development of Modules of Training Package in Biology for Teachers teaching at Higher Secondary Stage in online format” organized by DESM, NCERT, New Delhi from 14-18 January, 2019.
 52. Participated as Resource Person for Translating Content in Biology in two day Translation Workshop conducted by Education Survey Division, NCERT on 28 & 31 January 2019
 53. Resource person in the programme entitled “Development of Video Guide on the use of Upper Primary Science Kit in Division of Educational Kits Development” organized by DEK, NCERT, New Delhi from 11-15 February, 2019
 54. Resource person in Add on course entitled “Dimensions of Contemporary Tourism” held 1st Feb to 11th February 2019, in Swami Shraddhanand College, University of Delhi.
 55. Organizing Committee member of the 1st International Conference on Integrative Chemistry, Biology and Translation Medicine organized by the Centre for Global Health, Hansraj College, University of Delhi & Loyola University Chicago Stritch School of Medicine, USA on 25th & 26th February 2019.
 56. Resource person in a workshop entitled “Mapping of QR codes in Textbook of Biology Class XI with e-content” organized by DESM, NIE, NCERT, New Delhi from 11-13 March, 2019.
 57. Organized two days Faculty Development Programme on ”Agriculture, Health and Society (Interdisciplinary) under Mahatma Hansraj Faculty Development Centre (A centre of MHRD, Govt. of India under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching), Hansraj College, University of Delhi on 15 & 16 March, 2019.

58. Course Coordinator for Paper "Diversity of Chordates" of B.Sc. (H) Zoology in Curriculum Revision for Under Graduate Courses in LOCF format, Department of Zoology, University of Delhi in 2019.
59. Course Coordinator for Paper "Comparative Anatomy and Development Biology" of B.Sc. (P) Life Science in Curriculum Revision for Under Graduate Courses in LOCF format, Department of Zoology, University of Delhi in 2019.
60. Participated in National Seminar on "Draft New Education Policy, 2019" held on August 10, 2019, organized by Mahatma Hansraj Faculty Development Centre (A centre of MHRD, Govt. of India under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching), Hansraj College, University of Delhi.
61. Participated in the One-day workshop as an Organizer in the "PYTHON FOR BIOLOGY" held on 7 September 2019, organized by Department of Zoology, Hansraj College, University of Delhi.
62. Invited talk for guiding students and parent's fraternity at Amity International School, Sector 46, Gurugram on 2nd December, 2019.
63. Observer IGNOU Exams, December, 2019 at Satyawati College, University of Delhi.
64. Resource person in the workshop entitled "Development of Scripts for the Modules of Training Package in Biology for teachers teaching at Higher Secondary Stage for dissemination in MOOC format" organized by Department of Education in Science and Mathematics, NIE, NCERT, New Delhi, from 30.12.2019 to 03.01.2020.
65. Participated as Resource Person in two days Translation Workshop conducted by Education Survey Division, NCERT on 3rd & 4th February 2020.
66. Delivered an "Invited Lecture" on Biology: Scope and Strategy in Add-on course, entitled "Facets of Research in Biology" held from 5th Feb to 18th February 2020, in Swami Shraddhanand College, University of Delhi.
67. Observer for Central Teacher Eligibility Test (CTET), CBSE for the year 2020.
68. Resource person in the workshop entitled "Development of manuscript of video Guide on the use of Secondary Science Kit" developed by DEK, organized by Division of Educational Kits, NCERT, New Delhi, from 17.02.2020 to 28.02.2020.
69. Resource person in the "Workshop to Prepare Metadata for Different Subjects for DIKSHA" organized by CIET, NCERT, New Delhi, from 20th to 24th January, 2020.
70. Participated in the Webinar on "Next Generation Sequencing Techniques and Applications" organized by Department of Zoology, under the aegis of Internal Quality Assurance Cell, Hindu College, University of Delhi on 18th June, 2020.
71. Completed E-quiz to create General Awareness on Health and Covid-19 with a score of 97/100 organized by Kalindi College, University of Delhi.
72. Participated in the international Webinar on "Impact of COVID-19 on Society and Education: A Perspective" hosted by the IQAC, Swami Shraddhanand College, University of Delhi, India, on June 20, 2020.
73. Participated in the workshop on the topic "Google Classroom: Teaching, Learning and Managing" organized by the Department of Computer Science, Swami Shraddhanand College, University of Delhi on May 24, 2020.
74. Participated in the Webinar on "Emerging Trends in E-Learning: Complete Classroom and Evaluation Process using MOODLE LMS" organized by the IQAC

- and Department of Botany, Swami Shraddhanand College, University of Delhi, India, on May 18, 2020.
75. Organizer in events of Zoological Society "Srishti Chetna" for academic session 2019-2020.
 76. Participated in the Webinar on "Covid19 and Environment: Present benefits, Future challenges and Way Forward" organized by the IQAC and Department of Environmental Studies, Swami Shraddhanand College, University of Delhi, India, on May 25, 2020.
 77. Participated in the Webinar on "Genome-wide changes under microgravity" organized by School of Life Sciences, Central University of Himachal Pradesh on 15.05.2020.
 78. Participated in E-Conference on Climate Change, Environmental Health and Sustainable Development Goals in Post COVID-19 World in commemoration of World Environment Day on 4th – 5th June, 2020 organized by University School of Environment Management, Guru Gobind Singh Indraprastha University, New Delhi.
 79. Participated in the Webinar on "The Impact of Corona Lockdown on Family System and Mental Health" organized by the IQAC, Swami Shraddhanand College, University of Delhi, India in association with GIA and Sakhi, on June 3, 2020.
 80. Participated and performed with excellence in online National level quiz on environment on 22-7-2020 organized by Department of Geography, Shree Baldeo Post Graduate College, Baragaon, Varanasi, MGKVP Varanasi, UP.
 81. Organizing member of the International Webinar on COVID-19; Living through the Pandemic organized by Shrishti Chetna, Department of Zoology, Hansraj College, University of Delhi on 29th July 2020.
 82. Participated in the International webinar on "Gut microbiota and host: the fight for iron" held on August 1, 2020, organized by Shristi Chetna, Department of Zoology, Hansraj College, University of Delhi.
 83. Resource person in the workshop titled "Development of Audio/Video resources based on laboratory manual in Biology at Higher Secondary Stage (Class XII)" during 15.03.2021 to 19.03.2021 organized by Department of Education in Science and Mathematics, NCERT, New Delhi.
 84. Resource person in the workshop titled "Development of Audio/Video resources based on laboratory manual in Biology at Higher Secondary Stage (Class XII)" during 22.03.2021 to 26.03.2021 organized by Department of Education in Science and Mathematics, NCERT, New Delhi.
 84. Organising member for the International Webinar on COVID-19; Living through the Pandemic organised by Srishti Chetna, Department of Zoology, Hansraj College, University of Delhi on 29th July 2020.
 85. Organizing member for the Webinar on "Need of IPR for Innovation Ecosystem" organized by Srishti Chetna, Department of Zoology, Hansraj College, University of Delhi on 17th April 2021.
 86. Organising member for the International Webinar on "Let's Build Wellness- Than Treating Diseases" organised by Srishti Chetna, Department of Zoology, Hansraj College, University of Delhi on 26th September 2020.

87. Organizing member for the Webinar on “Dragonflies and Humans” organized by Srishti Chetna, Department of Zoology, Hansraj College, University of Delhi in collaboration with WWF India on 23rd January 2021
88. Organizing member for the Webinar on “Frontrunners of Zoology: Winning Streak Continues” organized by Srishti Chetna, Department of Zoology, Hansraj College, University of Delhi on 5th September 2020.
89. Organising member for the International Webinar on “Gut Microbiota and Host: The fight for Iron” organised by Srishti Chetna, Department of Zoology, Hansraj College, University of Delhi on 1st August 2020.

Awards and Honors

1. Qualified High School examination with “Honours” in U.P. Board, 1996
2. Prize: Essay writing competition in B.Sc, 2002. Topic: “Prospects and possibilities of India in changing world economic scenario”. Position: Second Prize.
3. Research Paper Presentation in IX International Symposium on Vectors and Vector Borne Diseases, Feb 15-17, 2008, under Junior Scientist Category (below 35 years), Position: Third; Topic: “In vitro interactions between artemisinin, triclosan or ketoconazole combinations against blood stages of *Plasmodium falciparum*”.
4. Best Volunteer Award in 49th Annual Conference of Association of Microbiologists of India. University of Delhi, Delhi, November 18th – 20th, 2008.
5. Junior Research Fellow Award from august 2005 to 2008 given by CSIR.
6. Senior Research Fellow Award from August 2008 to 2009 given by CSIR.
7. PI of Innovation Project “Comprehension of Ethnic Practices of Selected Indian Tribes as Pro-ecological Customs and Their Deviation from the Stream” Code-HR 203, awarded “Best Display” at “Antardhvani, 2015” University of Delhi under Cultural Diversity head on 22 February, 2015. (Supported by University of Delhi, 2013-15).
8. Received honor (Shikshak Samman 2016-2017) from Vidya Bhaarti Akhil Bhartiya Shiksha Sansthan on the occasion of “Shikshak Sammaan Samaroh” on 7.05.16 by “Hindu Shiksha Samiti Nyaas” , Rajgarh Colony, Delhi-110031.

Positions held

1. Junior Research Fellow- Council of Scientific and Industrial Research from 1.08.2005 to 31.07.2007.
2. Senior Research Fellow- Council of Scientific and Industrial Research from 1.08.2007 to 17th September, 2009.
3. Assistant Professor- Hans Raj College, Delhi University from 18.09.2009 to 27th Jan, 2011 on ad-hoc basis.

4. Assistant Professor- Hans Raj College, Delhi University from 31st Jan, 2011 to till date as a permanent faculty member.

International/National Membership

1. Member of American Association for Advancement of Science (AAAS) from 2007 to 2009.
Membership No: 20222992
2. Member of Delhi State Science Teacher's Forum (Regd.) since June 2014.
Ref No. 5674, dated 27.06.2014

Projects

1. Successfully Completed the Innovation Project as PI on "Comprehension of Ethnic Practices of Selected Indian Tribes as Pro-ecological Customs and Their Deviation from the Stream" Code-HR 203, which was awarded as "Best Display" at "Antardhvani, 2015" University of Delhi under Cultural Diversity head. (Supported by University of Delhi, 2013-15) Project Code-HR 203.
2. Successfully completed the Innovation Project "Critical and Scientific analysis on use of alternative medicines with practical approach and case studies" (Project code-HRC 313) (Supported by University of Delhi, 2015-16).

Administrative/Academic/Society Activities

1. Worked as in-charge in several departmental duties in college:
 - Zoological Society (2009-2010, 2012-2013, 2013-14)
 - Library (2010-11, 2018-19)
 - Convener Non-consumable items purchase (2011-12, 2014-15, 2017-18, 2018-19, 2019-20, 2020-21)
 - Convener Consumable items purchase (2019-20, 2020-21)
 - Admissions, Zoology (2011-12)
 - Admissions Life Sciences (2019-20)
 - Excursions, Zoology (2011-12)
 - Superintendent Practical Exams, Zoology (2011-12, 19-20)
 - Editor in chief and council member for departmental magazine "Srishti" 2014 issue.
 - Life Science Society 2014-15.
 - Coordinator internal assessment for 2014-15 (Exams).
 - Member Zoological Society (2014-15, 2016-17, 2017-18, 2019-2020)
 - Teacher In Charge Department of Zoology (2016-17 & 2021-22)
 - Department Purchase Committee (2017-18)
2. College level duties/committees:
 - Member Environment Awareness Committee (2011-12 & 2012-13)
 - Member Student Welfare Committee (2011-12 & 2012-13)

- Member Hostel Committee as Principal Nominee (2011-14 & 2021-22)
- Member Election Committee as Principal Nominee (2011-14)
- Member Student's Union Advisory Committee (2011-14)
- Convenor Student Welfare Committee (2013-14)
- Member Development Fund Committee (2013-15)
- Member Academic Affairs Committee (2013-14)
- Convenor Purchase Committee Innovation Projects (2013-14)
- College Coordinator Innovation Plaza at Antardhvani 2014.
- Member of Committee formed for NAAC application (2014)
- Coordinator Innovation Plaza-Hansraj College at Antardhvani-2014.
- Member coordinators Committee for University Prospectus cum form distribution (2014-15)
- Deputy Superintendent University Exams (2012)
- Superintendent University Exams (2012)
- Convenor Environment Awareness Committee (2014-15)
- Coordinator Innovation Plaza-Hansraj College at Antardhvani-2015, DU.
- Member "Garden Committee" for 2015-16.
- Member "Development Committee" for 2015-16.
- Member Annual report Committee for 2014-15.
- Nodal Officer for Innovation Projects 2015-16.
- Nodal Officer for various activities in college and coordination with Delhi University (2015-till date).
- Convener College Admissions Committee (Science) for 2016-17.
- Member of Departmental Promotion Committee for the promotion of laboratory attendant to the post of laboratory assistant held on 10.11.2016.
- Member Student Welfare Committee (2017-18)
- Member Portal Committee (2017-18)
- Member Building Committee (2017-2022)
- Acting Convener Building Committee (2018-19)
- Presiding officer in Student's Union Elections (2009-till date)
- Convener Development Fund Committee (2018-2022)
- Public Information Officer, Hansraj College (2020-21, 2021-22)
- Superintendent for various competitive exams held at Hans Raj College Center in 2012
- Deputy Coordinator of the "Mahatma Hansraj Faculty Development Centre" (A centre of MHRD, Govt. of India under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching), Hansraj College, University of Delhi w.e.f. 1.4.2019.
- Teacher in Charge of foreign (Convener) language courses for the academic year 2020-21 & 2021-22.
- Convener Academic Audit Committee (Sciences) 2017-2022.

3. University duties:

- Paper Setter and Head Examiner for different papers.
 - Regular Evaluation (Examiner) at CEC, Miranda House, DU.
 - Regular Examiner for different Practical Examinations.
4. Presiding Officer for the Senate Election of Panjab University Chandigarh at Hans Raj College, on 23rd September, 2012.
 5. Participated (As Convenor HARITIMA) in “Plantation Drive 2014” in association with Forest Department, Govt of NCT of Delhi and Hindu College on 13 August 2014.
 6. Member of Committee of Courses for Under Graduate and Honours in Zoology for a term of two years w.e.f. 20th December, 2019 to 19th December, 2021, Department of Zoology, University of Delhi.

Hobbies and Interests

1. Watching and Playing Cricket & Badminton.
 - Runner up in Cricket Tournament 2009-10 organized by Hans Raj College Staff Association.
 - Participation in Badminton Tournament Men Doubles in 2009-10 organized by Hans Raj College Staff Association.
 - Participation in Badminton Tournament Men Doubles in 2010-11 organized by Hans Raj College Staff Association.
 - Participation in Cricket Tournament in 2010-11 organized by Hans Raj College Staff Association.
 - Runner up in Cricket Tournament 2011-12 organized by Hans Raj College Staff Association.
 - Participation in Cricket Tournament 2012-13 organized by Hans Raj College Staff Association.
 - Participation in Badminton Tournament in 2012-13 organized by Hans Raj College Staff Association.
2. Listening Music
3. Reading about the current developments in science and technology.

Date :

Lokesh Chandra Mishra