




**RAM LAL ANAND COLLEGE (University of Delhi)**  
**Benito Juarez Road, New Delhi-110021**  
**Faculty Details**



|                      |   |   |
|----------------------|---|---|
| Name and Designation | <b>Dr. Nidhi Subhash Chandra–<br/>Assistant Professor in<br/>Microbiology and Deputy<br/>Dean, DSW, South Campus,<br/>University of Delhi</b> |  |
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**Departmental Address**

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**Scholar Links**

|                                |   |
|--------------------------------|---|
| <b>Research Gate ID:</b>       | <a href="https://www.researchgate.net/profile/Nidhi-Chandra-3/research">https://www.researchgate.net/profile/Nidhi-Chandra-3/research</a>       |
| <b>Google Scholar ID:</b>      | <a href="https://scholar.google.com/citations?user=e5qaKzUAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=e5qaKzUAAAAJ&amp;hl=en</a> |
| <b>Orcid ID:</b>               | <a href="https://orcid.org/0000-0002-0696-8720">https://orcid.org/0000-0002-0696-8720</a>   |
| <b>Vidwan ID:</b>              | 395219  |
| <b>Scopus ID:</b>              | 57222042987, 36491104200  |
| <b>Linked In Profile Link:</b> | <a href="https://www.linkedin.com/in/nidhi-chandra-05617b68/">https://www.linkedin.com/in/nidhi-chandra-05617b68/</a>                           |

**Educational Qualifications**

- **Ph.D.** Entitled “Detection of Hepatitis E virus in blood, bile, stool & Sewage water by RT-PCR to determine their role in endemic spread of Hepatitis E Virus” University of Rajasthan, Jaipur, Rajasthan, India, 2010
- **M.Sc. in Microbiology**, University of Rajasthan, Jaipur, Rajasthan, India, 2004
- **B.Sc. in Zoology, Botany, Chemistry**, University of Rajasthan, Jaipur, Rajasthan, India, 2002

**Career Profile**

1. **Assistant Professor in Senior Scale (Level-11)**, Department of Microbiology, Ram Lal Anand College, University of Delhi from **April 12, 2023 to till date**.
2. **Assistant Professor (Level-10)**, Department of Microbiology, Ram Lal Anand College, University of Delhi from **August 4, 2015, to April 10, 2023**.
3. **DST Women Scientist-A**, Department of Botany, University of Delhi from **July 1, 2014 to August 3, 2015**.
4. **DST Women Scientist-A**, ICMR Virus Unit, I.D. & B.G. Hospital, Beliaghata, Kolkata, West Bengal from **January 2013 to June 30, 2014**.
5. **Research Associate**, SMS Medical College & Hospital, Jaipur, Rajasthan, Jaipur, from **November 23, 2009 to February 28, 2012**.

### Administrative Assignments

- Appointed as **Deputy Dean, Dean of Students' Welfare (DSW)**, University of Delhi, South Campus, w.e.f. August 21, 2024 (Office Order No Estab.II(i)/010/2018/36/1014 dated 21.08.2024)
- Convenor, Equal Opportunity Cell (2024-25)
- Co-convenor, Canteen Committee (2024-25)
- Member, Student Union Advisory Committee (2024-25)
- Member, Rajbhasha karyanvayan samiti (2024-25)
- Previous: Successfully fulfilled responsibilities as a member of various committees in the college over the past seven years of service.

### Areas of Interest / Specialization

- Molecular Epidemiology
- Environmental Microbiology
- Virology
- Antimicrobial activity of ethanomedicinal plants

### Subjects Taught

Environmental Microbiology, Microbial Genetics and Genomics, Advances in Microbiology, Virology, Cell Biology, Microbial Physiology and Metabolism, Bacteriology, Introduction to Microbiology and Microbial Diversity

### Research Guidance

- Nodal officer for VC interns
- Presently guiding 10 B.Sc (H) Microbiology students under CRG Scheme.
- Mentoring 6 students review writing.
- Mentored 10 students for review article and chapter writing

### Publications Profile

#### Journal Articles: **h-index: 10**

1. Pahuja, I., Ghoshal, A., Okieh, A.A., Verma, A., Negi, K., Agarwal, M., **Chandra, N.S.**, Sharma, S.K., Bhaskar, A., Dwivedi, V.P. (2024). Immunoinhibitory effects of anti-tuberculosis therapy induce the host vulnerability to tuberculosis recurrence. *Microbiol Spectr* 12:e00412-24. (Scopus)
2. Bhatia, P., Sharma, A., George, A. J., Anvitha, D., Kumar, P., Dwivedi, V. P., & **Chandra, N.S.** (2021). Antibacterial activity of medicinal plants against ESKAPE: An update. *Heliyon*, 7(2). <https://doi.org/10.1016/j.heliyon.2021.e06310>. (Scopus)
3. Chadha, J., Gupta, M., Nagpal, N., Sharma, M., Adarsh, T., Joshi, V., Tiku, V., Mittal, T., Nain, V.K., Singh, A., Snigdha, S.K., **Chandra, N.S.**, John, S., & Diwan, P. (2021). Antibacterial potential of indigenous plant extracts against multidrug-resistant bacterial strains isolated from New Delhi region. *GSC Biological and Pharmaceutical Sciences*, 14(2), 185–196. <https://doi.org/10.30574/gscbps.2021.14.2.0053>. (Peer Reviewed)
4. Bhowmik, A., Ojha, D., Goswami, D., Das, R., **Chandra, N.S.**, Chatterjee, T.K., Chakravarty, A., Chakravarty, S., Chattopadhyay, D. (2017). Inositol hexa phosphoric acid (phytic acid), a nutraceuticals, attenuates iron-induced oxidative stress and alleviates liver injury in iron overloaded mice. *Biomedicine & Pharmacotherapy*. 87:443-450. (Scopus)
5. Ojha, D., Das, A., Banerjee, A., Das, R., **Chandra, N.S.**, Chattopadhyay, D. (2016). Anti-viral Drug Discovery through Ethnomedicine: An update. *The Botanica*. 64: 63-67.
6. **Chandra, N.S.**, Agrawal, V., Chattopadhyay, D. (2016). Plants with Antiviral Activity against Hepatitis C Virus (HCV). *The Botanica*. 64:52-55.
7. Chakravarty, H., Ojha, D., Konreddy, A.K., Bal, C., **Chandra, N.S.**, Sharon, A., Chattopadhyay, D. (2016). Synthesis of multiring-fused imidazo [1,2- $\alpha$ ]isoquinoline-based fluorescent scaffold as anti-HSV agent. *Antiviral Chemistry and Chemotherapy*. DOI: 10.1177/204020661668096B. (Scopus)

8. **Chandra, N.S.**, Ojha, D., Chatterjee, S., & Chattopadhyay, D. (2014). Prevalence of hepatitis E virus infection in West Bengal, India: A hospital-based study. *Journal of Medical Microbiology*, 63(7), 975–980. <https://doi.org/10.1099/jmm.0.072249-0> (Scopus)
9. Ojha, D., Mukherjee, H., Ghosh, S., Bag, P., Mondal, S., **Chandra, N.S.**, Mondal, K. C., Samanta, A., Chakrabarti, S., & Chattopadhyay, D. (2013). Evaluation of anti-infective potential of a tribal folklore *Odina Wodier* roxb against some selected microbes and herpes simplex virus associated with skin infection. *Journal of Applied Microbiology*, 115(6), 1317–1328. <https://doi.org/10.1111/jam.12330> (Scopus)
10. Bag, P., Ojha, D., Mukherjee, H., Halder, U. C., Mondal, S., **Chandra, N.S.**, Nandi, S., Sharon, A., Sarkar, M. C., Chakrabarti, S., & Chattopadhyay, D. (2013). An indole alkaloid from a tribal folklore inhibits immediate early event in HSV-2 infected cells with therapeutic efficacy in vaginally infected mice. *PLoS ONE*, 8(10). <https://doi.org/10.1371/journal.pone.0077937> (Scopus)
11. **Chandra, N.S.**, Sharma, A., Rai, R.R., Malhotra, B. Contribution of hepatitis E in acute sporadic hepatitis in North West India. *Indian J Med Res* 2012; 136: 477-82 (IF-1.82) (Scopus)
12. **Chandra, N.S.**, Rai, R. R., & Malhotra, B. (2012). Phylogenetic analysis of hepatitis E virus in northwest India. *Hepatitis Research and Treatment*, 2012, 1–6. <https://doi.org/10.1155/2012/976434>
13. **Chandra, N.S.**, Sharma, A., Malhotra, B., & Rai, R. R. (2010). Dynamics of HEV viremia, fecal shedding and its relationship with transaminases and antibody response in patients with sporadic acute hepatitis E. *Virology Journal*, 7(1). <https://doi.org/10.1186/1743-422x-7-213>. (Scopus)
14. Rai, R.R., Nijawan, S., Mathur, A., Sharma, M.P., Udawat, H., **Singh N.** (2008) Seroepidemiology and Role of Polymerase Chain Reaction to Detect Viremia in an Epidemic of Hepatitis E in Western India. *Trop Gastroenterol*, 29 (4): 202-6 (Scopus)
15. **Singh, N.**, Rai, R.R., Udawat, H., Sharma, A. (2008) Evaluation of Persistence of IgM Anti HEV in Patients with Acute Sporadic Hepatitis E Virus Infection. *Asian J Exp Sci*, 22 (3): 299-302

#### Books:

1. **Chandra NS**, *Molecular Detection and Genotyping of Hepatitis E Virus*, Cambridge Scholars Publishing, UK (International) ISBN: 9783330038042.

#### Book Chapters

1. **Nidhi. S. Chandra**, Rakesh Kumar Gupta, Shelja Agarwal, Swati Mishra, Azra Fayaz. Gut microbiota and its prolonged consequences for fitness. Potential Areas of Research in the Pharmacology. 2023 Volume 2 (Publisher: Academic Decipher Press, Mumbai) ISBN: 978-81-958127-6-9
2. Singh A, Bhatia P, Kapoor S, Kaur SP, Gupta S, **Chandra NS**, Gupta V. Chapter-3 Role of Soil Microbes in the Sustainable Development: Agriculture, Recovery of Metals and Biofuel Production. Industrial application of soil microbes, 2023; Vol. 2 (Bentham Science Publishers) ISSN: 2811-0765 (Print) ISSN: 2811-0773 (Online) ISBN: 978-981-5050-27-1 (Print), ISBN: 978-981-5050-26-4 (Online) DOI:[10.2174/97898150502641230201](https://doi.org/10.2174/97898150502641230201)
3. Kaur SP, Srivastava T, Sharma A, Gupta S, Chandra NS, Gupta V. Chapter-4 Industrial Applications of Soil Microbes: Production of Enzymes, Organic Acids and Biopigments. Industrial application of soil microbes, 2023; Vol. 2 (Bentham Science Publishers) ISSN: 2811-0765 (Print) ISSN: 2811-0773 (Online) ISBN: 978-981-5050-27-1 (Print), ISBN: 978-981-5050-26-4 (Online) DOI:[10.2174/97898150502641230201](https://doi.org/10.2174/97898150502641230201)

4. Singh A, Kapoor S, Bhatia P, Gupta S, Chandra NS, Gupta V. Chapter-10 Role of Soil Microbes in sustainable Development: Nutrient Transformation, Bioremediation and Biodeterioration. Industrial application of soil microbes, 2022; Vol. 1: 151-179. (Bentham Science Publishers) ISBN: 978-981-5039-96-2 (Print)  
ISBN: 978-981-5039-95-5 (Online), DOI:[10.2174/97898150399551220101](https://doi.org/10.2174/97898150399551220101)
5. Chandra NS (2017) Ch-7 Human Communities and Environment in Book Environmental Studies ISBN: 978-93-82209-03-4, MM Publishers Pvt. Ltd. (National)
6. Chandra NS (2017) Ch-8 Field Work in book Environmental Studies ISBN: 978-93-82209-03-4, MM Publishers Pvt. Ltd. (National)
7. Chandra NS, Sharma A, Malhotra B, Rai RR. Prevalence of acute viral hepatitis due to Hepatitis E Virus in Western India. *Proceeding of U.P. MICROCON 2010*, 2010; 38-46.

#### Sequences in Gene Bank (17):

1. Submitted 17 partial sequences (343 bp) in Genbank, accession numbers are FJ231471, FJ231472, FJ231473, FJ231474, FJ231475, FJ231476, FJ231477, FJ231478, FJ231479, FJ231480, FJ231481, FJ231482, FJ231483, FJ231484, FJ231485, FJ231486, FJ231487:  
<http://www.ncbi.nlm.nih.gov/nucleotide>

#### Conference Organization/ Presentations

##### Presentation and resource person:

1. Participated as a resource person in the National Workshop on "Basic Techniques in Microbiology" held from December 17-23, 2022, at Ram Lal Anand College, University of Delhi, and delivered oral presentations on "Bacterial staining".
2. Presented a Lecture on "Antiviral activity of ethano-medicinal plants against HCV" at the 6th world summit on Virology, Microbiology and infectious disease, England, 8th December 2021.
3. Presented a lecture in tridivasiya antarastriya web sangoshthi from 15<sup>th</sup> to 17<sup>th</sup> May 2020, Bhartiya sikshan Mandal, Kanpur prant, Uttar Pradesh and Sodh Dhara.
4. Resource person in 30 Hours Online Certificate Course on "Science Writing & Research Ethics" Hosted on Google Meet from 13<sup>th</sup> July 2020 to 7<sup>th</sup> August 2020.
5. Presented a poster in the Technical Session II of the national conference on plant science research: Looking Beyond 21<sup>st</sup> Century for Environmental and Agricultural Revolution held at Department of Botany, University of Delhi during 5<sup>th</sup> to 7<sup>th</sup> February 2016.
6. A Poster Presentation on the topic Genotyping of Hepatitis E virus sequences: Genetic diversity, subtype in West Bengal" in ICVH 2015, International Conference on Viral Hepatitis 2015, December 17-18, Bangkok, Thailand.
7. Presented a oral paper on "Genotyping of Hepatitis E Virus Isolates in Acute Hepatitis Cases with Liver Failure" in 52nd Annual Conference of Indian Society of Gastroenterology (ISGCON 2011) Coimbatore, Tamilnadu, India, 18th to 22nd November 2011.
8. Presented a paper on "Occult Hepatitis B & C in HIV Infected Patients", International Conference on Viral Hepatitis, Baltimore April 11-12th, 2011.
9. An Oral Presentation on the topic "Prevalence of acute viral hepatitis due to Hepatitis E Virus in Western India", U.P. MICROCON 2010, 14th March 2010, Agra, India.
10. An Oral Presentation on the topic "Genotyping and Phylogenetic Comparison between the HEV Isolates in Sewage & Humans, Rajasthan", ISGCON 2009, 12 th December 2009, Kolkata, India.
11. An Oral Presentation on the topic "Dynamics of HEV viremia, fecal shedding and its relationship with transaminases and antibody response in sequential samples from patients with sporadic acute hepatitis E virus infection" UEGW/WCOG GASTRO 2009 November 21 - 25, 2009 London/United Kingdom.

12. An Oral Presentation on the topic “Evaluation of Persistence of IgM anti HEV in Patients with Acute Sporadic Hepatitis E Virus Infection” in National Conference on Emerging Trends in Microbiology and Biotechnology, 30th January 2007, Bikaner, Rajasthan, India.
13. A Poster Presentation on the topic Genotyping of Hepatitis E virus sequences: Genetic diversity, subtype in West Bengal” in ICVH 2015, International Conference on Viral Hepatitis 2015, December 17-18, Bangkok, Thailand.
14. A Poster Presentation on the topic “Phylogenetic Analysis of Hepatitis E Virus in Acute Liver Failure Patients in Rajasthan” in ISGCON 2008, 14th September 2008, Delhi, India.
15. A Poster Presentation on the topic “Serology based Study of Hepatitis E among Patients with Acute Viral Hepatitis at a Tertiary Care Center” in 48th Annual Conference of Indian Society of Gastroenterology, 17<sup>th</sup> November 2007, Bangalore, India.

### **FDP and Workshops attended**

1. Successfully completed the NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by **Centre for Professional Development in Higher Education (UGC-MMTC), University of Delhi** from **19 December 2023 to 29 December 2023**
2. Successfully completed One week FDP on “Essential Skills for Genomics” from “August 04-11, 2023” organized by Department of Microbiology, Ram Lal Anand College (under the aegis of IQAC) and Centre for Innovation in Infectious Disease Research, Education and Training (CIIDRET) in collaboration with Delhi School for Skill Enhancement & Entrepreneurship Development (DSSEED) and Skill Enhancement Course Committee of University of Delhi and GAD-TLC, SGTB Khalsa College.
3. Successfully completed a 4-Week Faculty Induction/Orientation Programme for “Faculty in Universities/Colleges/Institutes of Higher Education” from 23 May – 21 June, 2023 organized by Teaching Learning Centre Ramanujan College, University of Delhi in collaboration with ARMY INSTITUTE OF EDUCATION (AIE) Affiliated to Guru Gobind Singh Indraprastha University, Delhi under the aegis of MINISTRY OF EDUCATION PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING
4. Successfully completed Seven Days International Faculty Development Online Certificate Course on “PROKARYOTES – AN OVERVIEW (Phase I)” organized by the Department of Microbiology, Sacred Heart College (Autonomous), Tirupattur, Tamil Nadu, India in association with Microbiologists Society, India; Biotechnology Society of Nepal and Laboratory of Chemical and Biological Analysis (LAQB), Western Rio Janeiro State University (UEZO), Rio de Janeiro, Brazil from 03<sup>rd</sup> March 2023 – 09<sup>th</sup> March 2023
5. Participated in Course Workshop on “Science and Society” (20 October, 2022) organised by Value Addition Courses Committee (University of Delhi) in collaboration with Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi.
6. Successfully completed one week workshop on “Basic Computer Operations and Text Editing Tools” organized by Department of Sanskrit, University of Delhi, Delhi during September 1-8, 2022.
7. Four weeks International Faculty Development Online Certificate Course on “BASIC TECHNIQUES IN MICROBIOLOGY (Phase IV)” organized by the Department of Microbiology, Sacred Heart College (Autonomous), Tirupattur, Tamil Nadu, India in association with Microbiologists Society, India and Laboratory of Chemical and Biological Analysis (LAQB), Western Rio Janeiro State University (UEZO), Rio de Janeiro, Brazil from 04th July 2021 - 08th August 2021 and has



successfully completed with DISTINCTION.

8. Successfully completed Two Week (Online) Interdisciplinary Faculty Development Programme on „MOOC's, E-Content Development, Research Methodology and Statistical Tools in Open Education World “ from 3rd -17th August 2021 organized by Kalindi College, University of Delhi in collaboration with Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi.
9. Attended Workshop on "Holistic Fitness - Boost your immunity and prevent illness", 23rd -24th June 2021 (2:00-4:00 pm, Zoom) by Yoga and Meditation society in collaboration with the Department of Physical Education, RLA College.
10. Attended the two days DBT sponsored National Workshop on 'Molecular Docking in Drug Design' held on 31st March to 1st April 2021, organized by Department of Microbiology, Ram Lal Anand College, University of Delhi, Delhi.
11. Successfully completed 'One Week Online FDP on ICT Tools for Effective Teaching Learning', jointly organized by IQAC and Media Production Centre from 5 th – 9 th August 2020.
12. Successfully completed one month yoga workshop from 1st June -30th June 2020 organized by Yoga and Meditation Society, Ram Lal Anand College, University of Delhi, Delhi.
13. Participated in One Week Online National Workshop on Digitization & Development of e-Resources for Sanskrit during May 27–June 02, 2020
14. Successfully completed two-days FDP on “Writing Research Proposal and addressing IPR Related Issues” held from 29th -30th March 2019.
15. Successfully completed two days FDP on “Quality Assurance in HEIs: Reoriented Teaching-Learning Paradigm” held from 15th -19th March 2019 organized by IQAC, RLAC and SGND Khalasa College, University of Delhi

#### **Seminar/ Conferences/webinar/events attended**

1. 3 days 63<sup>rd</sup> Annual International Conference of Association of Microbiologists of India (AMI): Microbial Technologies for Sustainable Biosphere, Department of Microbiology, MDU, India from 2<sup>nd</sup> to 4<sup>th</sup> February 2023.
2. Attended 6th World Summit on Virology, Microbiology & Infectious Disease held during December 08, 2021
3. Participated in the National E- Seminar on “Emerging Horizons on Microbial Technology” organized by Department of Microbiology held on 27th August 2021
4. Participated in 7th International Day of Yoga on 21st June 2021 organized by Yoga and www.du.ac.in Page 7 Meditation Society, Ram Lal Anand College.
5. Attended talk on cancer awareness held on March 22<sup>nd</sup>, 2021, organized by Mikrobiologika, Department of Microbiology, Ram Lal Anand College in association with Rajiv Gandhi Cancer Institute and Research Centre
6. Participated in the webinar on “Plagiarism Issues, Policies And Detection Tools”held on 25th June 2020
7. Attended DBT sponsored international seminar on “Nanoparticle in Biology” held on January 29, 2020, organized by Department of Microbiology, Ram Lal Anand College.
8. 3 days conference on wellness India 2017 expo organized by Ayush, DBT, ITPO and Exhibitions Pvt. Ltd. at Pragati Maidan New Delhi, August 29-31, 2017.
9. National Conference on Plant Science Research: Looking Beyond 21<sup>st</sup> Century for Environmental & Agricultural Revolution, VEGETOS & Department of Botany (University of Delhi), Delhi, India, 5<sup>th</sup>

to 7<sup>th</sup> February 2016.

10. Two days' workshop on "Intellectual Property Rights in Medical Research" organized by ICMR at NICED, Kolkata, 18<sup>th</sup>-19<sup>th</sup> September 2013.
11. 52<sup>nd</sup> Annual Conference of Indian Society of Gastroenterology (ISGCON 2011) Coimbatore, India, 21-25<sup>th</sup> Dec 2011.
12. 6<sup>th</sup> Annual Conference of Association of Medical Microbiologists- UP Chapter, U.P. MICROCON 2010, Agra, India, 13<sup>th</sup> -14<sup>th</sup> March 2010.
13. 50<sup>th</sup> Annual Conference of Indian Society of Gastroenterology (ISGCON 2009) Kolkata, India, 9-13<sup>th</sup> Dec 2009.
14. 3 days workshop cum training program on "Computational Genomics" organized by Bioinformatics Centre, Birala Institute of Scientific Research, Jaipur, Rajasthan in 20-22 January 2009.
15. Asia Pacific Digestive Week (APDW 2008) at Hotel the Ashok, New Delhi, India, 13<sup>th</sup>-16<sup>th</sup> September 2009.
16. International Conference on Free Radical and Natural Product in Health (FRNPH 2008) organized by Centre for Advanced Studies, Department of Zoology, University of Rajasthan, Jaipur, 14-16<sup>th</sup> Feb 2008.
17. 48<sup>th</sup> Annual Conference of Indian Society of Gastroenterology (ISGCON 2007) organized by Dr. B S Satyaprakash, Bangalore, India, 15-18<sup>th</sup> Nov. 2007.
18. National Symposium on Cancer: Diagnosis, Awareness & Treatment organized by Department of Zoology, University of Rajasthan, Jaipur, 24 Feb 2007.
19. One-day workshop on "Advanced Techniques in Microbiology and Biotechnology" organized by Dr. Tanveer Malawat College of Biosciences, Bikaner, 31<sup>st</sup> January 2007.
20. National Conference on Emerging Trends in Microbiology and Biotechnology organized by Society of Basic & Applied Microbiologists Bikaner, Rajasthan, India, 29-30<sup>th</sup> Jan 2007.
21. National Symposium on Biotechnology for Human Welfare (The Commercial and Ethical consideration) organized by Department of Botany, University of Rajasthan, Jaipur, 26-27<sup>th</sup> March 2004.

#### **Seminar/ Conferences/webinar/events organized**

1. Member, Organizing Committee BIO-MATRIX 2021: A Science Quiz organized by Mikrobiologika society, Department of Microbiology, Ram Lal Anand College, held on 1<sup>st</sup> and 5<sup>th</sup> September, 2021.
2. Member organizing committee for webinar on IPR for students and faculty held on 3<sup>rd</sup> September 2021 by Research and IPR cell, ram Lal Anand College in collaboration with IPLoia.
3. Organized an E-Poster making competition on "Latest Development in SARS- CoV-2: Prophylaxis/Therapeutics/ Diagnostics" on 28<sup>th</sup> January 2021
4. Member, organizing committee for DBT sponsored National Seminar under Star College Scheme on "Metagenomics and Genome Editing" held on 5<sup>th</sup> February 2020 organized by Department of Microbiology, Ram Lal Anand College.
5. Member, Organizing Committee, National Seminar on "Probiotics: Ameliorating the Burden of Lifestyle Disorders" organized by Department of Microbiology, Ram Lal Anand College in association with Probiotic Association of India on 1<sup>st</sup> Feb 2019.
6. Member, Coordinating Committee, Training Program on "ICT tools for Beginners" organized by Ram Lal Anand College on 18-19 January 2019.
7. Member, Organizing Committee, International Seminar on "Infectious Diseases: Current
8. Strategies for Diagnosis and Therapy", organized at Ram Lal Anand College, New Delhi, 2<sup>nd</sup> Feb

2018

### **FDP/ workshops organized**

1. Course coordinator of 2<sup>nd</sup> Online Certificate Course (40 hours) on Basic Statistics for Biological Sciences organized by the Department of Microbiology, Ram Lal Anand College, University of Delhi (Under DBT Star College Scheme) & Centre for Innovation in Infectious Disease Research, Education and Training (CIIDRET) & Delhi School for Skill Enhancement & Entrepreneurship Development (DSSEED), University of Delhi from 14 January 2023 – 12 February 2023.
2. Contributed as Member, Organizing Committee in One-week Online Faculty Development Program on Biosafety, Bioethics and IPR organized by the Department of Microbiology, Ram Lal Anand College from 24<sup>th</sup> to 28<sup>th</sup> August 2020 under the DBT Star College Scheme.
3. Member, Organizing Committee, Online Faculty Development Program on Biosafety, Bioethics and IPR, 1 week (24-28 August 2020), organised by Department of Microbiology, Ram Lal Anand College, University of Delhi.
4. Member, Organizing team, Certificate course on „Python in Biological Sciences” 16th January 2021 to 11th April 2021 organized by Ram Lal Anand College, University of Delhi.

### **Research Projects (Major Grants/Research Collaboration)**

- College Research Grant Evaluation of anti-ESKAPE potential of *Rauwolfia serpentina* and *Terminalia chebula* Project Code No. CRG /RLA/404/2023, Jul 2023-Jun 2024 (Rs. 1,00,000/-)
- Screening of *in vitro* Antimicrobial Activity of selected Indian Plants against ESKAPE Pathogens 2020 (CRG, Ram Lal Anand College)
- Prevalence and genotyping of viral hepatitis cases caused by Hepatitis E Virus in Eastern India (DST funded under the scheme WOS-A, Reference No: SR/WOS-A/LS-450/2012)
- Detection and Genotyping of Hepatitis E Virus in Acute Sporadic Hepatitis Patients with or without Liver Failure (ICMR, New Delhi)

#### **Project Submitted**

- Extraction and Digitization of Traditional Knowledge of Vedic *Yajña* (यज्ञ) and its Scientific Validation (ICSSR)

### **Awards and Distinctions**

- **Best Researcher Award** in the International Research Awards on Science, Technology and Management- INSO, organized by VDGGOOD Professional Association, India on 30 November 2022.
- Appreciation award in recognition of appreciable student-centric efforts and taking role as College Level Coordinator for the 20th National Level microbiological contest and MicrobiOlympiad event on 21st March, 2021.
- Appreciation award for contribution as Co-Editor “The Botanica” a magazine of Delhi, University Botanical Society (DUBS) during year 2014-16
- DST women scientist-A award 2012
- Awarded ICMR SRF in 2009
- Award for Best Paper Presentation during the National Conference on Emerging Trends in Microbiology and Biotechnology, Bikaner on 29-30<sup>th</sup> January 2007
- Gargi Award in 1998 from Balika Shiksha Foundation Rajasthan, Jaipur.

### **Association with Professional Bodies**

- 1 Year Membership of VDGGOOD Professional Association, Since 30 November 2022
- Life Member – Association of Microbiologists of India (AMI), Since 2021
- Life Member – Delhi University of Botanical Society, Since 2015
- Life Member – Probiotic Association of India, Since 2017



- Co-Editor of **the Botanica**, Department of Botany, University of Delhi, Delhi from 2014- 2016.

#### **Other Activities**

1. Reviewed a number of research articles for various national and international peer-reviewed Journals



**Dr. Nidhi Subhash Chandra**