




Dr. Vishal Chaudhary: Faculty Details DU

Title	Dr.	First Name	Vishal	Last Name	Chaudhary	Photograph
Designation	Assistant Professor					
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Phone No	Office					
	Mobile	+91-9971757034				
Email	Chaudhary00vishal@gmail.com ; drvishal@bn.du.ac.in					
Web-Page	https://scholar.google.com/citations?user=C-4lx_sAAAAJ&hl=en https://orcid.org/0000-0003-1558-4937					
Educational Qualifications						
Degree	Institution				Year	
Ph.D.	Department of Physics & Astrophysics, University of Delhi				2019	
MSc Physics	Kirori Mal College, University of Delhi				2012	
BSc (H) Physics	Shivaji College, University of Delhi				2010	
Higher Secondary	Pratibha Vikas Vidyalaya, Suraj Mal Vihar, Delhi				2007	
Secondary	Pratibha Vikas Vidyalaya, Suraj Mal Vihar, Delhi				2005	
Career Profile						
Assistant Professor Physics: Bhagini Nivedita College, University of Delhi					(09/2018 -Present)	
Assistant Professor Physics (Guest): DDU College, University of Delhi					(08/2018-01/2019)	
Assistant Professor Physics: Shivaji College, University of Delhi					(09/2015-07/2018)	
Subject Matter Expert Physics: Chegg.com, India					(06/2016-Present)	
Research Fellow (DST): Department of Physics & Astrophysics, University of Delhi					(09/2015-07/2018)	
Founder: Happy Mentals Club, Delhi					(10/2020-Present)	
Editorial: ECS Sensor Plus, Frontiers in Nanotechnology, PratiBimB						
Administrative Assignments						
Convener Research Cell: Bhagini Nivedita College, University of Delhi					(08/2019-07/2021)	
Examination Observer: Indira Gandhi National Open University, Delhi					(08/2019-Present)	
Convener Invenio Society: Shivaji College, University of Delhi					(07/2017-06/2018)	
Areas of Interest / Specialization						
Nanomaterials and nanocomposites, Charge Transport, Organic-Inorganic hybrids, Gas and Vapor Sensing, Environmental remediation, Green Synthesis, Pattern Recognition, Electromagnetic Shielding, Biophysics, Planetary health, Mental Health, 2D Materials (MXenes)						
Subjects Taught (Laboratory + Theory)						
Core: Solid State Physics, Electromagnetic Theory, Digital Systems and Applications, Mathematical Physics, Mechanics, Electricity & Magnetism, Wave and Optics, Thermal Physics						
Discipline Specific Elective: Nanomaterials and Applications						
Skill Enhancement Course: Weather Forecasting, Basic Instrumentation Skills, Electrical Circuits						

Research Guidance

10 Undergraduate research Projects under E-internship initiative, Bhagini Nivedita College, University of Delhi: Completed in span: 06/2020 – 05/2021, List of Projects:

1. To study awareness about Immunity (with Weill Medical College, USA)
2. Role of Social media during COVID-19 pandemic: COVAXIN Vaccine (with Gadjah Mada University, Indonesia)
3. Impact of COVID-19 pandemic over mental well-being of Youngsters (with SVRM, AP, India)
4. Impact of COVID-19 pandemic on Socio-economic conditions of different economic classes of society: Comparative analysis (with CBGA India)
5. Impact of COVID-19 pandemic on human behavior (with University of Hyderabad, India)
6. Impact of COVID-19 pandemic on research and development of nanotechnology based clean energy devices (with TIFR Mumbai, India)
7. Analysis of online education system success rate amid COVID-19 pandemic (with IGNOU, India)
8. Impact of COVID-19 and open book examination on social and mental well-being of final year Student (with GGSIPU, Delhi, India)
9. Assessing the challenges faced by health care workers during COVID-19 (with Max Planck's Institute, Germany)
10. Role of print media in spreading awareness during COVID-19 pandemic (with University of Mumbai, India)

02 PhD student:

1. International Advisor, Sunway University, Malaysia: Ongoing (01/2022-Till Date) on Physicochemical properties and applications of MXenes and its hybrids
2. Co-Supervisor: Mr. Kamaljeet Singh, MAIT, HP, India (Development of two-dimensional graphene reinforced copper metal matrix nano-composites) Ongoing (01/2022-Till Date)

FYP Graduate Co-supervisor: Mr. Lim Ming Jun, Xiamen University, Malaysia: Ongoing (05/2022-Till Date)

Publications Profile

Peer-reviewed articles (First Author/ Corresponding Author)

1. De-coding Ag as an efficient antimicrobial nano-system for controlling cellular/biological functions, Matter (Cell Press, **IF: 15.59**, ISSN: 2590-2385). Accepted (2022) (First Author)
2. Emergence of MXene-polymer Hybrid Nanocomposites as High-Performance Next-generation Chemiresistors for Efficient Air Quality Monitoring, Advanced Functional Materials (Wiley, **IF: 18.808**, ISSN: 1616-3028). Accepted (2022) (First Author and Corresponding Author)
3. Essential oil-mediated biocompatible magnesium nanoparticles with enhanced antibacterial, antifungal, and photocatalytic efficacies, Scientific Reports (**Nature; IF: 4.379**; ISSN: 2045-2322), Accepted (2022). (Corresponding Author)
4. Study of Public Awareness about Immunity and Immunity Boosters Against Covid-19 in India, ECS Transaction, 107 (2022) 11609. (IOP, **IF: 0.7**; ISSN: 1938-5862). <https://doi.org/10.1149/10701.11609ecst>. (Corresponding author)
5. Comprehensive Study on Indian Plant Extracts Mediated Biocompatible ZnO Nanostructures: A Green Initiative, ECS Transaction, 107 (2022) 19443. (IOP, **IF: 0.7**; ISSN: 1938-5862). <https://doi.org/10.1149/10701.19443ecst>. (Corresponding author)
6. Functionalized Iron Oxide Nanostructures: Recent Advances in the Synthesis, Characterization, and Electrochemical Biosensor Applications, ECS Transaction, 107 (2022) 15477. (IOP, **IF: 0.7**; ISSN: 1938-5862). <https://doi.org/10.1149/10701.15477ecst>. (Co-author)

7. Advances and Prospects in Architecting SnO₂ Based Nanosystems for Gas Sensing Applications, ECS Transactions, 107 (2022) 14289. (IOP, **IF: 0.7**; ISSN: 1938-5862). <https://doi.org/10.1149/10701.14289ecst>. (Corresponding author)
8. Review—Towards 5th Generation AI and IoT Driven Sustainable Intelligent Sensors Based on 2D MXenes and Borophene, ECS Sensor Plus, 2022, 1 013601. (IOP-ECS; **Invited Review**; ISSN: 2754-2726, Editor Invited) <https://iopscience.iop.org/article/10.1149/2754-2726/ac5ac6> (First Author and Corresponding Author)
9. Prospects of titanium carbide-based MXene in heavy metal ion and radionuclide adsorption for wastewater remediation: A review, Chemosphere, 2022, 133563. <https://doi.org/10.1016/j.chemosphere.2022.133563>. (Elsevier, **IF: 7.086**; ISSN: 0045-6535). (Co-author)
10. Charge carrier dynamics of electrochemically synthesized poly (aniline co-pyrrole) nanospheres based sulphur dioxide chemiresistor Polymer-Plastics Technology and Materials, 61:1, 107-115, DOI: 10.1080/25740881.2021.1959932. (Taylor and Francis; **IF: 3.267**; ISSN: 2574-0881). (Single Author).
11. An altmetric analysis of online news on India's first indigenous COVID-19 vaccine, Journal of Education and Health Promotion, 2021, 10:348. DOI: 10.4103/jehp.jehp_1603_20. (Wolters Kluwer; **IF: 0.8**; ISSN: 2277-9531). (Co-author)
12. Emerging MXene–Polymer Hybrid Nanocomposites for High-Performance Ammonia Sensing and Monitoring, Nanomaterials, 2021, 11(10), 2496; <https://doi.org/10.3390/nano11102496>. (MDPI; **IF: 5.076**; ISSN: 2079-4991) (First Author and Corresponding Author)
13. One-dimensional variable range charge carrier hopping in polyaniline–tungsten oxide nanocomposite-based hydrazine chemiresistor. Appl. Phys. A 127, 536 (2021). <https://doi.org/10.1007/s00339-021-04690-8>. (Springer; **IF: 2.540**; ISSN: 0947-8396). (Single Author)
14. Novel methyl-orange assisted core-shell polyaniline-silver nanosheets for highly sensitive ammonia chemiresistors, J Appl Polym Sci 138 (43) 2021, e51288. <https://doi.org/10.1002/app.51288>. (Wiley; **IF 3.125**; ISSN: 1097-4628). (First Author and Corresponding Author)
14. High performance X-band electromagnetic shields based on methyl-orange assisted polyaniline-silver core-shell nanocomposites, Polymer-Plastics Technology and Materials, 60(14), 1547-1556 (2021). <https://doi.org/10.1080/25740881.2021.1912095>. (Taylor and Francis; **IF: 3.267**; ISSN: 2574-0881). (Single Author)
15. Advancement in research and development to combat COVID-19 using nanotechnology, Nanotechnol. Environ. Eng. 6, 8 (2021). <https://doi.org/10.1007/s41204-021-00102-7>. (Springer Nature; ISSN: 2365-6379). (First Author and Corresponding Author), (Critical Review listed in **Nature's Public Health Emergency Collection**, PMID: PMC7829094 and **WHO's Global literature database** on COVID-19, ID: covidwho-1047431).
16. Effect of charge carrier transport on room temperature sulphur dioxide monitoring performance of highly porous polyaniline nanofibres, Polym. Int, 2017, 66: 699-704. <https://doi.org/10.1002/pi.5311>. (Wiley; **IF: 2.990**; ISSN: 1097-0216) (First Author)
17. Surfactant directed polyaniline nanostructures for high performance sulphur dioxide chemiresistors: effect of morphologies, chemical structure and porosity, RSC Adv., 2016,6, 95349-95357. <https://doi.org/10.1039/C6RA14113G>. (Royal Society of Chemistry; **IF: 3.340**, ISSN: 2046-2069) (First Author)
18. Enhanced room temperature monitoring of low ppm sulfur dioxide by polyaniline – tungsten oxide nanocomposite possessing honeycomb morphology, RSC Adv., 2015,5, 73535-73544. <https://doi.org/10.1039/C5RA08275G>. (Royal Society of Chemistry; **IF: 3.340**, ISSN: 2046-2069). (First Author)
19. Solitary surfactant assisted morphology dependent polyaniline based sensors for room temperature monitoring of low ppm sulfur dioxide, Polym. Int., 2015, 64: 1475-1481. <https://doi.org/10.1002/pi.4944>. (Wiley; **IF: 2.990**, ISSN: 1097-0216). (First Author)

20. Enhanced and selective ammonia sensing behaviour of poly(aniline co-pyrrole) nanospheres chemically oxidative polymerized at low temperature, Journal of Industrial and Engineering Chemistry, 26, 2015, 143–148. <https://doi.org/10.1016/j.jiec.2014.11.026> (Elsevier; IF: 6.064, ISSN: 1226-086X) (First Author)

Books: (Main author)

1. V. Chaudhary et al, Expanded Universal Science: Physics: Grade 11, Vol. 1, Pearson (Under print: 2022).
2. V. Chaudhary et al, Expanded Universal Science: Physics: Grade 12, Vol. 1, Pearson (Under print: 2022).

Book / Chapters: (Main author)

1. V. Chaudhary et al, chapter on “Nanomaterials based nanomasks to fight against virus”, in book entitled -“Nanotechnological Solutions for Viruses” (Eds. Mahendra Rai, Alka Yadav and Ajit Chande), Wiley Publications, US. 2021 (Accepted).
2. Magnetic Beads based nucleic acid isolation in book titled “DNA and RNA Isolation techniques for non-experts”, Springer Nature (Ed Akash Gautam), ISBN: 978-3-030-94229-8 (2022). <https://link.springer.com/book/10.1007/978-3-030-94230-4>.
3. Spin Column based isolation of nucleic acid in book titled “DNA and RNA Isolation techniques for non-experts”, Springer Nature (Ed Akash Gautam), ISBN: 978-3-030-94229-8 (2022). <https://link.springer.com/book/10.1007/978-3-030-94230-4>.
4. V. Chaudhary, chapter on “MXene-polymer nanocomposites for sensing” in book "MXene filled polymer nanocomposites" (Eds Soney C George) CRC Press, (Accepted) 2021.
5. V. Chaudhary, chapter on “Tribology of Polymer Coatings and Films” in book "Tribology of Polymers, Polymer Composites, and Polymer Nanocomposites" (Eds Soney C George) Elsevier, (Accepted) 2021. Paperback ISBN: 9780323995962.
6. V. Chaudhary et al, chapter on “Advancements in MXenes” in book “Fundamental Aspects and Perspectives of MXenes” (Eds Mohd. Khalid) Springer, ISBN: 978-3-031-05006-0, 2022. https://link.springer.com/chapter/10.1007/978-3-031-05006-0_12.
7. V. Chaudhary et al, Chalcogenide-based Nanomaterials as Photocatalysts, Chapter- 10: Use of Chalcogenides-based nanomaterials for wastewater treatment including bacterial disinfection and organic contaminants degradation, Elsevier, ISBN: 978-0-12-820498-6, 2020. <https://doi.org/10.1016/B978-0-12-820498-6.00010-X>.

Publications in the Last one year

20 research papers, reviews, chapters and books as mentioned above.

Conference Organization/ Presentations (in the last three years)

Invited Talks

1. “Symposium on Artificial Intelligence for medical science” on Mar, 25, 2022 organized by Alliance University, Karnataka, India
2. “State-of-the-art nanostructured gas detection strategies” at inaugural lecture at “Nano e-talks version-2, part-1” held on Dec, 11, 2021 organised by Maharaja Agrasen University, Solan, Himachal Pradesh, India.
3. “MXene-Polyaniline nanocomposites based high performance chemiresistors for ammonia detection” at “7th International conference on Nanotechnology for better living” held during Sep 07-11, 2021 organised by NIT Srinagar and IIT Delhi at NIT Srinagar, Kashmir, India.

4. Nanotechnology based face masks: Effective weapon to combat virus based pandemics” at “2021 Global webinar on Virology and Vaccine Development [Covid 19]” held during June 22-23, 2021 organised by Innovinc, USA.
5. “Discriminatory Traits: Superiority Complex” at International Youth conference to speak out discrimination, Vasudhev Kutumbkam-2 held on 20, Mar, 2021 organised by Research Cell, Bhagini Nivedita College, University of Delhi, India in collaboration with University of Hyderabad, India.
6. “Mental health: Stigma, Importance and Prevention” at International conference on Mental health organized by Nile university, Nigeria on 23 Jan, 2021.
7. “Stigma Related to Mental Health: Silent Pandemic” at International Conference on “We Need To Talk: Mental Health & Stigma” organized by DebateBots Club, Delhi on 12 July, 2020.
8. “Impact of pandemic on Mental health of Women” at Online International conference on “COVID-19 impacts on women” organised by DebateBots Club, Delhi on 09 June, 2020.
9. “Racism: Pandemic of thought” at International conference and debate on “Answer to violence is violence or peace” organised by DebateBots Club, Delhi on 04th June, 2020
10. “Role of Nanotechnology in combat COVID-19” at International Virtual conference on strategies of self dependency in COVID-19 and application of exotic materials in field of Physics, Chemistry, Biology, Medicine and Engineering” organised by SVP College, Bhabhua, VKSU in association with Society for Technologically advanced materials of India (STAMI), India on 29-31 May, 2020.
11. “How huge is Nano?: An introduction to Nanotechnology” organised by QUBIT: Physics society, Bhaskaracharya College of Applied Sciences, University of Delhi, India on 29, May, 2020. (<https://youtube/fcX377XBoEI>).

Paper Presented

1. V. Chaudhary et al., (2021). Potential role of particulate matter in COVID-19 transmission and severity: A case study of Delhi. SPAST Abstracts, 1(01). Retrieved from <https://spast.org/techrep/article/view/2706>.
2. V. Chaudhary, (2021). Study of awareness about immunity and immunity boosters against Covid-19 in the general population of various age groups. SPAST Abstracts, 1(01). Retrieved from <https://spast.org/techrep/article/view/95>.
3. V. Chaudhary et al., Charge carrier dynamics in electrodeposited poly (aniline copyrrole) nanofibres based ammonia sensor at International Conference on Advances in Smart Materials & Emerging Technologies organised by IGDTUW, Delhi in association with DST, Government of India, and Optical Society (OSA) held on 23- 24 Jan, 2020. (Best Oral Paper Presentation Award).

Convener/Co-Convener/Secretary

1. Vasudhev Kutumbkam-3: Third International conference on Entrepreneurship, innovation and research for Environmental Sustainability and Planetary Health on 07-08, April, 2022 organized by Research Cell, Bhagini Nivedita College, University of Delhi, India.
2. First International Conference on Technologies for Smart Green Connected Society 2021, held on 29-30, Nov, 2021 organized by Yamagata University Japan.
3. International Youth conference to speak out discrimination, Vasudhev Kutumbkam-2 held on 20, Mar, 2021 organised by Research Cell, Bhagini Nivedita College, University of Delhi, India in collaboration with University of Hyderabad, India.
4. International Virtual Conference “Vasudhev Kutumbkam” : People, Science, Environment and Pandemic held on 05-07 June, 2020 organised by Research Cell and CEOC, Bhagini Nivedita College, University of Delhi, India.
5. International Conference on Soil & Water Health Sustainability held on 07, November, 2019 organised by Department of Environment Sciences, Bhagini Nivedita College, University of Delhi in association with

Denmark Embassy, India.

6. National Conference on Sports sciences and Human Well Being held on 17 Oct, 2019 organised by Department of Physical education and Sports Sciences, Bhagini Nivedita College, University of Delhi.

Research Projects (Major Grants/Research Collaboration)

Co-Principal Investigator 01/2021-Present

Funding: British Council under Going Global Partnerships Exploratory Grant

Partner: University of Central Lancashire, England

Topic: Enhancing commercial acumen and organizational capability in business (ECOBUSS) for science students

10-Institutional Projects through E-internship: Principal Investigator 06/2020 – 05/2021

University of Delhi, Bhagini Nivedita College, Research Cell, New Delhi, India

Conducting polymers based gas sensors: Research Fellow 01/2012 – 04/2016

Department of Physics & Astrophysics, University of Delhi, Delhi, India

SR/S2/CMP-0099/2010: Funded by Department of Science & Technology (DST), Government of India.

Awards and Distinctions

1. Best SDG Service Award by Electrochemical Society (ECS), American Chemical Society (ACS), ICTGS-1 and SPAST foundation 2021.

2. Silver Award as country coordinator from Global Sustainable Future Progress, University college of Estate Management, UK.

3. Nominated for best academic coordinator award 2021 by IARE, India.

4. All India Rank: 171 in Council of Scientific & Industrial Research, Government of India- National Eligibility Test (CSIR-NET) for **Junior Research Fellowship/Lectureship in Physical Sciences in 2012.**

5. Recognition certificate for excellence in academics on securing 2nd Position at Shivaji college in BSc(H) Physics by Delhi University Student's Union, India (2010).

6. Excellence in academics 100% scholarship for Government School Students by Akash Institute, Uttam Nagar, Delhi in 2005.

7. District Level Yoga Certificate by Delhi Government for securing 3rd position at District Yoga Competition, East District, New Delhi in 2004.

Association With Professional Bodies

Editorial Responsibility

ECS Sensor Plus (IOP), Frontiers in Nanobiotechnology, Life Research, PratiBimb

Reviewer Responsibility

Micro-Nano letters, Polymer Bulletin, Material letters, Material Today Sustainability, IET Dielectrics, SPAST, Scientific Reports (Nature), Frontiers in Nanotechnology, IET Nanobiotechnology, Critical reviews in Biotechnology, Applied Physics Letters, Material Today Sustainability, Applied surface sciences, ECS Advances, Journal of electrochemical society, Journal of solid state science and technology, IEEE Access, Applied Research, Biosensors and Bioelectronics X, Biotechnology and Genetic Engineering Reviews

Membership/ Country Representative

CO2Capture India, Global Sustainable Future Network, Elsevier Research Innovation Express, Royal Society of Chemistry, NEAT.

Other Activities

Special Issues

1. Topic: Nanotechnology, Sustainability and Society: First International Conference on Technologies for Smart Green Connected Society 2021 - ICTSGS-1, Journal: Frontiers in Nanotechnology, <https://www.frontiersin.org/research-topics/34645/nanotechnology-sustainability-and-society-first-international-conference-on-technologies-for-smart-g>.
2. Topic: Vasudhev Kutumbkam-3, International conference for environmental sustainability and planetary health, Journal: Material Today Proceedings (Accepted)
3. Topic: 2D-materials for sensing and biomedical application, Journal: Results in Engineering, Elsevier, <https://www.journals.elsevier.com/results-in-engineering/forthcoming-special-issues/2d-materials-for-sensing-and-biomedical-application>

Faculty Development Program/ Certification Programme

1. Short term certification Programme: “Inflection point in Digital Transformation: Impact on Career prospects in Post COVID Era” held on 23 Dec, 2020 organised by IMS Ghaziabad.
2. Workshop on Virtual Labs, as “**Resource Person**” under MHRD initiative from 20- 22 July, 2020 organized by SVP College, Bhabhua in association with IIT Bombay.
3. National FDP on “Nanoscience and Technology (Energy, Environment and Healthcare) held from 29 June – 07 July, 2020 organised by Sathyabama Institute of Science and Technology in association with Indian Institute of Information Technology design and manufacturing, kancheepuram, India.
4. International FDP on “Contemporary issues, assessment, collaboration, research and Publication” held from 15-21, June, 2020 organised by Swami Sukhdevanand PG College, Shahjahanpur, UP, India
5. FDP on “HTML and ExpEYES software” as Resource Person under MHRD initiative held from 14-27 May, 2020 organised by SVP College, Bhabhua in association with IIT Bombay, India.
6. FDP on “Embedded Systems and Applied Physics” held from 14-15 Dec, 2017 organised by Department of Electronics, Rajdhani College, University of Delhi, India.

Convener

1. Nanotechnology education and awareness training (NEAT) module-1, organized with Sunway University, Malaysia, and University of Delhi on 27 Jan, 2022. ☒
2. Awareness webinar on National Awareness Programme on intellectual properties organized with Ministry of Commerce and Industry Intellectual Property India, Government of India on 11, Jan, 2022.
3. National Youth summit on “Not just empower, Let’s Normalize” held on 7, Mar, 2021 organised by Research Cell, Bhagini Nivedita College, University of Delhi, India.
4. International Youth Summit on “Intersectionality in the discourse on Gender & Science” held on 3 Mar, 2021 organised by Research Cell, Bhagini Nivedita College, University of Delhi, India in collaboration with University of Hyderabad, India and Ashoka University, India.
5. International Youth Summit on “We Break The Barriers” held on 18 Feb, 2021 organised by Research Cell, Bhagini Nivedita College, University of Delhi, India in collaboration with University of Hyderabad, India and RampMyCity Foundation, Bangalore, India.
6. International Webinar and Nuclear week Celebration on “After the Bomb: Life story of Hibakusha held on 3-6, Feb, 2021 organised by Research Cell, Bhagini Nivedita College, University of Delhi, India ” in collaboration with Peace Boat and ICAN (Novel peace prize winner 2017).
7. National webinar on “Life message of Sister Nivedita” held on 09, Jan, 2021 organised by Bhagini Nivedita College, University of Delhi, India in collaboration with Vivekanandra Kendra, Delhi.
8. International Webinar and World mental health week Celebration held on 5-10, Oct, 2020 organised by Research Cell, Bhagini Nivedita College, University of Delhi, India ” in collaboration with Peace Boat

and ICAN (Novel peace prize winner 2017).

9. International Webinar on Remote sensing and ISRO week Celebration held on 7-12, Aug, 2020 organised by Research Cell and NSS, Bhagini Nivedita College, University of Delhi, India.

10. "Nano-mission" : training sessions on Nanomaterials and Applications held on 18-25 May, 2020 organised by Research Cell and CEOC, Bhagini Nivedita College, University of Delhi, India.

11. National Webinar on Civil Services as a Career option held on 26 June, 2020 organised by Shankar IAS Academy and Research Cell and CEOC, Bhagini Nivedita College, University of Delhi, India.

12. Perfect Health Mela: National webinar on Risk Updates on COVID-19 held on 12 June, 2020 organised by Healthcare foundation along with Research Cell and CEOC, Bhagini Nivedita College, University of Delhi, India.

13. National Webinar on "Unsung Colors of India" held on 26 May, 2020 organised by ROMANCHAK, Mumbai with Research Cell and CEOC, Bhagini Nivedita College, University of Delhi, India.

14. National Webinar on " NAHI means NO": Empower yourself with a No held on 15 May, 2020 organised by Nahi means No NGO along with Research Cell and CEOC, Bhagini Nivedita College, University of Delhi, India.

15. National Webinar on "Simplifying Waste Management" held on 13 May, 2020 organised by Waste warriors India along with Research Cell and CEOC, Bhagini Nivedita College, University of Delhi, India.

16. National Webinar on "Law and our Judicial System" held on 12 May, 2020 organised by Research Cell and CEOC, Bhagini Nivedita College, University of Delhi, India.

17. National Webinar on What is Smile?: A face reader approach held on 04 May, 2020 organised by Research Cell and CEOC, Bhagini Nivedita College, University of Delhi, India.

18. National Webinar on Terrace Gardening: Grow your own Garden held on 1 May, 2020 organised by Research Cell and CEOC, Bhagini Nivedita College, University of Delhi, India.

19. E-Training on "How to make cloth face masks?" held on 23 April, 2020 organised by Research Cell and CEOC, Bhagini Nivedita College, University of Delhi, India.

20. National Webinar on Home delivery of Happiness held on 22 April, 2020 organised by Art of Living along with Research Cell and CEOC, Bhagini Nivedita College, University of Delhi, India.

21. International Webinar on Effects of Infodemic in our fight against COVID-19 pandemic held on 20 April, 2020 organised by Research Cell and CEOC, Bhagini Nivedita College, University of Delhi, India.

22. International Webinar on Myths and Facts related to COVID-19 held on 18 April, 2020 organised by John Hopkins USA along with Research Cell and CEOC, Bhagini Nivedita College, University of Delhi, India.

23. National Webinar on COVID-19: General Awareness held on 17 April, 2020 organised by Research Cell and CEOC, Bhagini Nivedita College, University of Delhi, India

24. Peace Awareness Campaign held on 04 March, 2020 organised by Research Cell and CEOC, Bhagini Nivedita College, University of Delhi, India.

25. Movie Screening on Graham Bell's life by BBC World held on 03 March, 2020 organised by Research Cell and CEOC, Bhagini Nivedita College, University of Delhi, India.

26. National Science Day Celebration held on 28, Feb, 2020 organised by Research Cell and CEOC, Bhagini Nivedita College, University of Delhi, India.

27. National workshop on child well being, craft and culture held on 14, November 2019 organised by Bhagini Nivedita College, University of Delhi, India.

28. Programme Convenor and Trainer at Guinness World Record in making Solar Lamp held on 02 Oct, 2020 organised by Swaraj India Foundation, IIT Bombay and Government of India.

29. Skill Mela held on 11 March, 2018 organised by Shivaji College, university of Delhi, India.

30. Workshop on different aspects of Physics: "Spectrum" held on 12 Feb, 2018 organised by Department of Physics, Shivaji College, university of Delhi, India.

31. Educational Trip to ARIES, Nanital India held on 15-17 March, 2017 organised by Department of

Physics, Shivaji College, university of Delhi, India.

Coordinating Committee

1. National Webinar Series of XI lectures on “Journey and Life Message of Sister Nivedita” held in Jan-Mar, 2021 organised by Bhagini Nivedita College, University of Delhi, India.
2. Webinar on “Mathematics of Oscillations” held on 15 May, 2020 organised Bhagini Nivedita College.
3. Entrepreneurship awareness camp held on 26-28 Feb 2019 organised by Department of Physics, Bhagini Nivedita College, University of Delhi and NIESBUD, Noida, India.
4. Workshop on sexual health and hygiene held on 25 Feb, 2019 organised by Department of Physics, Bhagini Nivedita College, DU and Restless Development Foundation.
5. National conference “NANOWORLD” held on 12-13 April, 2019 organised by Department of Physics, Shivaji College and CSIR, Govt. of India.
6. Inter-University Tech-Invenio: Annual Physics Fest held from 2016-2018 annually organized by Department of Physics, Shivaji College, university of Delhi.
7. Resource Person at INSPIRE CAMP held in June, 2018 and Dec, 2016 organised by Shivaji College, University of Delhi, India.
8. Workshop: Pratibimb held on 31 Jan, 2017 organised by Shivaji College, University of Delhi, India.
9. Workshop on Astrophysics, Cosmology and Computation held on 12 Feb 2016 organised by Shivaji College, University of Delhi, India.
10. Workshop on Space Physics held on 30 Jan, 2016 organised by Atlantis, NASA and National Science centre, India.
12. Indo-German conference on WAMFER 2012 entitled “Energy workshop on future energy requirements” held on 29-30 Nov, 2012 organised by Department of Physics and Astrophysics and DAAD, Delhi, India.