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| Titl e | Dr | First Name | Sunita | Last Name | Jetly | Photograph |
| Designation | Associate Professor | | | | |  |
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| Email/ Web-Page | sunitajetly@andc.du.ac.in subhagaya@gmail.com | | | | | |
| Educational Qualifications | | | | | | |
| Degree | Institution | | | | Year | |
| B.Sc. (H) Zoology | • University of Delhi, Miranda House | | | | 1991 | |
| M.Sc. (H) Zoology | • University of Delhi, Hindu College | | | | 1993 | |
| M.Phil. | • University of Delhi | | | | 1994 | |
| Ph.D. | • University of Delhi | | | | 2018 | |
| Career Profile | | | | | | |
| <p>Head of the Department Biomedical Sciences 2021-22</p> <p>Associate Professor in ANDC Department of biomedical science till date</p> <p>Assistant professor (ad hoc) in Department of Zoology, ANDC 1997-1999</p> <p>Selected as Tehsildar in Madhya Pradesh under State Civil Services- Revenue 1999</p> | | | | | | |
| Administrative Assignments | | | | | | |
| <ul style="list-style-type: none"> • Head of the Department of Bio Medical Sciences: 2021-2022, 2017-2018, 2010-2012, 2005-2007 • Member Board of Research Studies 2023-2024, Faculty of Science Univ. of Delhi • Member Department Research Committee 2022-2024, ACBR- Univ. of Delhi • Nodal officer for Azadi ka Amrit Mahotsav 2021-22 • Program Officer NSS 2020-2022, 2023 • Member IQAC 2019-2020 • Admission Convener of ANDC 2017-2018, and 2018-2019 • Convener Eco club 2023-25 • Convener Unnat Bharat Program 2023-25 | | | | | | |

- Member Unnat Bharat Program 2020-2021
- Member NACC committee 2019-2021
- Member Screening Committees for considering promotion cases of teaching faculty 2019
- Member Selection committee for Recruitment of Adhoc Teachers 2019-20
- Member, Institutional Biosafety Committee 2019-20
- Member of "Professor Savithri Singh Award Fund" committee for awarding the best UG student researcher. 2019
- Member of finance committee of the college 2017-18
- Member, Alumni Committee 2017
- Member, Proctorial Committee 2017
- Member of University Technical Committee for the purchase of college equipment 2007-2008
- Convener Quest 2006,2007,2008
- Convener Science Quiz and General Quiz 1997- 2000
- Convener All India Entrance examination of B.Sc. (Hons) Biomedical Sciences 2004-6
- Member of the Interview panel for admission to B.Sc. (H) Biomedical Sciences Entrance examination 1999-2008
- Convener Debating Society 2004-2005
- Convener of prospectus committee (Biomedical Sciences)2004-2006
- Editor of College Magazine "Insight"1997-99

- Curriculum Development
- ✓ Co-convener of committee for New paper on Ancient Practices in Medicine constituted by ACBR, University of Delhi for restructuring of NEP (2022-23) for B.Sc. (H) Biomedical Sciences course at University of Delhi.
- ✓ Co-convener of committee for New paper on Intellectual Property Rights for biologist constituted by ACBR, University of Delhi for restructuring of NEP (2022-23) for B.Sc. (H) Biomedical Sciences course at University of Delhi.
- ✓ Co-convener of committee for New paper on Chronobiology constituted by ACBR, University of Delhi for restructuring of NEP (2022-23) for B.Sc. (H) Biomedical Sciences course at University of Delhi.
- ✓ Co-convener of committee for New paper on Health and Hygiene constituted by ACBR, University of Delhi for restructuring of NEP (2022-23) for B.Sc. (H) Biomedical Sciences course at University of Delhi.
- ✓ Co-convener of committee for New paper on Developmental Biology constituted by ACBR, University of Delhi for restructuring of NEP (2022-23) for B.Sc. (H) Biomedical Sciences course at University of Delhi.

- ✓ Co-convener of committee for New paper on Fundamentals on Neuroscience constituted by ACBR, University of Delhi for restructuring of NEP (2022-23) for B.Sc. (H) Biomedical Sciences course at University of Delhi.
- ✓ Co-convener of committee for paper on Physiology and Anatomy I constituted by ACBR, University of Delhi for restructuring of NEP syllabus (2022-23) for B.Sc. (H) Biomedical Sciences course at University of Delhi.
- ✓ Co-convener of committee for paper on Physiology and Anatomy I constituted by ACBR, University of Delhi for restructuring of NEP syllabus (2022-23) for B.Sc. (H) Biomedical Sciences course at University of Delhi.
- ✓ Co-convener of committee for paper on Human pathology constituted by ACBR, University of Delhi for restructuring of NEP (2022-23) for B.Sc. (H) Biomedical Sciences course at University of Delhi.
- ✓ Co-convener of committee for paper on Pathological Basis Of Disease constituted by ACBR, University of Delhi for restructuring of NEP(2022-23) for B.Sc. (H) Biomedical Sciences course at University of Delhi
- ✓ Co-convener of committee for paper on Social and preventive Medicine constituted by ACBR, University of Delhi for restructuring of NEP syllabus (2022-23) for B.Sc. (H) Biomedical Sciences course at University of Delhi
- ✓ Co-convener of committee for paper on Physiology and Anatomy I constituted by ACBR, University of Delhi for restructuring of choice-based credit system syllabus (2018-19) for B.Sc. (H) Biomedical Sciences course at University of Delhi.
- ✓ Co-convener of committee for paper on Physiology and Anatomy II constituted by ACBR, University of Delhi for restructuring of choice-based credit system syllabus (2018-19) for B.Sc. (H) Biomedical Sciences course at University of Delhi.
- ✓ Co-convener of committee for paper on Pathological Basis Of Disease constituted by ACBR, University of Delhi for restructuring of choice-based credit system syllabus (2018-19) for B.Sc. (H) Biomedical Sciences course at University of Delhi.
- ✓ Co-convener of committee for paper on Human pathology constituted by ACBR, University of Delhi for restructuring of choice-based credit system syllabus (2018-19) for B.Sc. (H) Biomedical Sciences course at University of Delhi.
- ✓ Member of committee for paper on Medical Lab Diagnostics constituted by ACBR, University of Delhi for restructuring of choice-based credit system syllabus (2018-19) for B.Sc. (H) Biomedical Sciences course at University of Delhi.

- ✓ Co-Convenor of committee for paper on Intellectual property Rights for Biologist constituted by ACBR, University of Delhi for restructuring of choice-based credit system syllabus (2018-19) for B.Sc. (H) Biomedical Sciences course at University of Delhi.
- ✓ Co-convener of committee for paper on Physiology and Anatomy I constituted by ACBR, University of Delhi for restructuring of choice-based credit system syllabus (2017-18) for B.Sc. (H) Biomedical Sciences course at University of Delhi.
- ✓ Co-convener of committee for paper on Physiology and Anatomy II constituted by ACBR, University of Delhi for restructuring of choice-based credit system syllabus (2017-18) for B.Sc. (H) Biomedical Sciences course at University of Delhi.
- ✓ Co-convener of committee for paper on Pathological Basis Of Disease constituted by ACBR, University of Delhi for restructuring of choice-based credit system syllabus (2017-18) for B.Sc. (H) Biomedical Sciences course at University of Delhi.
- ✓ Co-convener of committee for paper on Human pathology constituted by ACBR, University of Delhi for restructuring of choice-based credit system syllabus (2017-18) for B.Sc. (H) Biomedical Sciences course at University of Delhi.
- ✓ Member of committee for paper on Medical Lab Diagnostics constituted by ACBR, University of Delhi for restructuring of choice-based credit system syllabus (2017-18) for B.Sc. (H) Biomedical Sciences course at University of Delhi.

Areas of Interest / Specialization

Areas of Specialization: **Physiology, Pathology and Cancer (Leukaemia), NEP2020**

Areas of Interest: **Pranik Yoga, Sujog, Science and Spirituality,**

Subjects Taught

- **Subjects Taught to Undergraduates:**
Physiology, Pathology, Cell Biology, Medical Biotechnology, Social and Preventive Medicine, Developmental Biology, Evolution, Ecology, Sericulture, Chordates, Non-Chordates
- **Subjects Taught to Postgraduates: Physiology and Cancer**
- **Subjects Taught to Ph.D.: Microsoft tools for Thesis writing**

Research Guidance

- **Appointed as Examiner (August 2019) for Ph.D. Thesis Titled "Green Synthesis of Metallic Nanoparticles using Medicinal Plants for Biomedical Application." Of Ms Babita Jha, Thesis submitted for Doctor of Philosophy in Nano Science and Technology in the faculty of Engineering Aryabhata Knowledge University, Patna**

- Invited as Examiner Viva voce end term NTCC 2019 (Non-Teaching credit Courses) i.e., Dissertation/Major Project etc of passing out batches from undergraduate programmes by Amity Institute of Biotechnology May 20th 2019 Surveys

- Surveys in 2022

To survey disease scenarios and associated symptoms of COVID-19 in children vaccine hesitancy, belief, attitude of Indian parents about COVID vaccination.

COVID-19 Pandemic waves in India- To survey disease scenario and associated symptoms of patients in different waves, vaccine hesitancy and/or benefits of vaccination in the Indian population.

- SURVEYS In 2021

- ❖ Knowledge, practice attitude and effect of COVID vaccination in India
- ❖ A survey of treatment modalities In India for Home quarantine COVID Patients

- SURVEYS in 2020

- ❖ To evaluate the degree of awareness for COVID-19 pandemic.
- ❖ To measure the psychological/mental well-being and eliciting the fear and /or trauma caused by the of highly infectious disease: COVID-19
- ❖ To understand the psychological impact of an unusual lockdown on the minds of youth and measuring their responsiveness in terms of depression, anxiety and stress.
- ❖ To study the Traditional preventive measures adopted by the students to combat the onset of COVID-19.

- Projects

- ❖ Multi institutional DST Project (17 Lakhs) on Medical awareness, capability, patient empowerment and partnership for managing cancer through e-learning, demonstrations and public awareness events " 2021
- ❖ ANDC elite project 2018-19 "To Ascertain the most efficient working hours of the faculty of Acharya Narendra Dev college within the given framework of 9am to 4 pm" (10 thousand)
- ❖ DBT STAR project 2017-18 To Survey the awareness of vitamin D deficiency amongst youth of biomedical Science Department aged (18-24) (20 thousand)
- ❖ DU Innovation Project 2015-16 (ANDC-309) titled "Leveraging Big Data for Astronomy and Health Care"
- ❖ ANDC elite project 2016-17 titled "To study the pattern of pupae colouration and pigmentation in the developing fruit fly (*Drosophila melanogaster*) during metamorphosis

- Reviewer since 2018 with “The Consortium for Educational Communication” (CEC) one of the Inter University Centres set up by the University Grants Commission of India.
- Resource Person with ILLL- Institute of lifelong learning, Preparation of the course material for newly designed course of B.Sc. Life Sciences. 2008
- Guidance to School curriculum
- ◆ Resource person for guiding teachers of DPS group of schools (2015)
- ◆ Member Interview panel of Bal Bharti School NOIDA for selection of PGT science teachers: 2005

Publications Profile

- Somesh Kumar, et.al., Sunita Jetly, Seema Kapoor Anastrozole-mediated modulation of mitochondrial activity by inhibition of mitochondrial permeability transition pore opening: an initial perspective. *J Biomol Struct and Dyn*, 2023 Feb 23;1-17. doi: 10.1080/07391102.2023.2176927
- Arora G, Taneja J, Bhardwaj P, Goyal S, Naidu K, Yadav SK, Saluja D, Jetly S. Adverse events and breakthrough infections associated with COVID-19 vaccination in the Indian population. *J Med Virol*. 2022 Jul;94(7):3147-3154. doi: 10.1002/jmv.27708. Epub 2022 Mar 21. PMID: 35261064; PMCID: PMC9088477. Impact factor 20.68
- Jetly S, Bhardwaj P, Arora G, Saluja D, Yadav SK, Naidu KP, Taneja J. Hesitancy and Acceptance of COVID-19 Vaccination Amidst the Second Wave of Pandemic in India: A General Population Study. *Asia Pac J Public Health*. 2022 May;34(4):446-449. doi: 10.1177/10105395221077062. Epub 2022 Feb 8. PMID: 35135358. Impact factor 2.270
- Yadav, Sunita & Bhardwaj, Priya & Gupta, Praveen & Saluja, Daman & Jetly, Sunita & Taneja, Jyoti. (2022). Association of Gender, Age, and Comorbidities with COVID-19 infection in India. 61-66.
- Jetly, S., Verma, N., Naidu, K., Faiq, M.A., Tulika, S., Saluja, D., Alterations in the Reactive Oxygen Species in Peripheral Blood of Chronic Myeloid Leukemia Patients from Northern India. *JCDR*
- Ahmad Najar, I., Rashid Mir R., Zuberi M., Javid J., Yadav P., Farooq S., Masroor M, Guru S., Shahnawaz S., Ray PC., Ahmed Sheikh I., Khatlani TS., Bhat AA., Gupta N, Jetly S., Ahmad N.and Saxena A., 2013. Inactivation of RIZ1 Gene by Promoter Hypermethylation is Associated with Disease Progression and Resistance to Imatinib in Indian Chronic Myelogenous Leukemia Patients, First Study from India. *Journal of Cancer Science & Therapy* 05. doi:10.4172/19485956.1000183
- Mir, R., Zuberi, M., Ahmad, I., Javid, J., Yadav, P., Farooq, S., Masroor, M., Guru S., Shahnawaz S., Bhat A.A., Khatlani TS., Jetly S., Ray PC., Gupta N. and Saxena A.,2013. Biological and Clinical Implications of Exon 8 P53 (R282W) Gene Mutation in Relation to Development and Progression of Chronic Myeloid Leukaemia Patients in India Population. *Journal of Cell Science & Therapy* 04. doi:10.4172/2157-7013.1000140

Conference / Presentations /Workshops

- **Invited Talks:**
- ◆ Panellist in a panel discussion (virtual)how technology is impacting thalassemia diagnostic and management on 11th May 2023 organised by Hemex Health and rean Foundation
- ◆ Invited to give a short talk on Bhor living humanly foundation and its cancer awareness and free screening program at Max national congress under “ Nidar Hamesha” support group at Taj palace 30th April 2023
- ◆ Reproductive Health: Acharya Narendra Dev College, Annual Department function Cathexis-13th April 2023
- ◆ Holistic Health Awareness, Om Foundation School, Hoshiarpur Noida 8th April on the occasion of world health day 7th April 2023
- ◆ Cochair in International Symposium on Ciliate Biology (ISCB 2022) in collaboration with INSCR (Indian Network for Soil Contamination Research) on November 08, 2022.
- ◆ Invitation to be on conference editorial board & Session Chair during the 3-days Online International Conference on “Infections and Immunity” organised by Daulat Ram College on 8th October 2021.
- ◆ Talk on “PCR” on 27th September 2022 at Dr B. R. Ambedkar centre for Biomedical Research in a national workshop on PCR for Diagnostics and Gene Expression Analyses.
- ◆ Talk on “Blood and its composition (20th October 2021) at Acharya Narendra Dev College in a National workshop (virtual) on “Flow cytometry and qPCR-based blood analyses” (under the aegis of DBT STAR college scheme and IQAC)
- ◆ Session chair on 27th of Feruary 2022International E-Conference on ‘Mitigating Contemporary Environmental Issues by Sustainable Approaches [ICMCESA – 2022]’ from 22 – 28 February 2022.
- ◆ National Team of UN75 initiatives presenting a dialogue on 'National Education Policy 2020 and Higher Education System with Guest speaker Dr Shruti Tripathi, Associate Professor, Amity University and Dr Sunita Jetly, Associate Professor, Acharya Narendra Dev College-2nd Nov 2020: https://www.linkedin.com/posts/cyl-india_he-who-opens-a-school-door-closes-a-prison-activity-6726864129346404353-LGZs
- ◆ NEP 2020 Webinar for Rajkiya Balika Inter College, Sector 51, Noida by Dr Sunita Jetly on September 29th, 2020
- ◆ NEP 2020 “Webinar for UBA and NSS volunteers at ANDC by Dr Sunita Jetly program Officer on September 21st, 2020.

- ◆ Dr Sunita Jetly, skill development and NEP 2020, Webinar at Vidyavati Mukand Lal Girls College, Ghaziabad on September 20th, 2020
<https://m.youtube.com/watch?feature=share&v=EawfUPOfyoQ>
- ◆ Live panel discussion on “New Education Policy 2020: A step towards self-reliance” organized by Prerna Media, NOIDA 16th September 2020
- ◆ Endocrine pancreas and Diabetes -An Overview Bio-live episode -41 organised by Biologics Group on 31 st August 2020
- ◆ Panel Discussion on New Education Policy 2020 -A step towards self-reliant (16th August 2020) organized by Prerna Media NOIDA
<https://www.youtube.com/watch?v=L3XBEGGGWDs&t=1016s>
- ◆ Invited to deliver lecture on Microtomy and its Application by Department of Biomedical Sciences, Bhaskaracharya College of Applied Sciences (University of Delhi) on April 11th 2019 under DST project
- Invited to be a judge in 7th National Level Exhibition and Project Competitions (NLEPC)2019 of INSPIRE AWARD- MANAK at Nalanada Ground IIT- Delhi February 14th 2019
- Invited to be a judge in 6th National Level Exhibition and Project Competitions (NLEPC) 2016 of DST-INSPIRE AWARD at NPL New Delhi during December 2010-11, 2016

Poster Presentation

◆ International

“Design of Rapid fluorescent beacon based PCR Assay for easy detection and quantification of transcripts of BCR-ABL [t(9;22)] in Chronic Myeloid Leukemia patients” at the 19th Congress of the European Haematology Association held in Milan, Italy (June 12 - 15, 2014).

◆ National

“Design of rapid molecular beacon-based PCR assay for detection and quantification of BCR –ABL and AML-ETO transcripts in Myeloid Leukemia patients “at 9th Symposium on Frontiers in Biomedical Research (FBR -2014) held in University of Delhi, Delhi (14th -16th April, 2014) first prize for poster presentation. (First Prize)

Conference Attended

- ◆ “Special Orientation Workshop” for the Participating Institutions on 21st February 2023 in Research & Innovation Park, IIT Delhi under unnat bharat Abhiyan

- ❖ “Orientation Workshop on Effective Communication and impressive delivery” on March 30th 2019 at Consortium For educational Communication, Delhi.
- ❖ One Week FDP on” Development and Implementation of MOOCs” (Oct. 21 - Oct. 27, 2020) organized by Ramanujan college University of Delhi
- ❖ Frontiers in Biomedical Research- 2019: A Hands-on Workshop on Patent Drafting June 24th to 26th , 2019 at Dr B.R. Ambedkar Centre for Biomedical Research
- ❖ “International symposium on wheat related disorders Beyond Celiac an Beyond the Gut” the global experts meet on wheat & lifestyle diseases on January 12th- 13th 2019 at India Habitat Centre.
- ❖ 11th Symposium on Frontiers in Biomedical Research with the theme “Challenges In Human Health: Prevention, Diagnosis and Cure”, February 19th - 21st, 2018 at at Dr B.R. Ambedkar Centre for Biomedical Research
- ❖ Third lecture workshop on “Trans -disciplinary Areas of Research and Teaching by Shanti Swaroop Bhatnagar awardees” organised by Science Foundation, September 15th -16th 2017 at Deen Dayal Upadhyaya College.
- ❖ 9th Symposium on “Frontiers in Biomedical Research” (FBR -2014) ,held at ACBR University of Delhi, Delhi ,14th -16th April, 2014
- ❖ 8th symposium on “Frontiers in Biomedical Research” (FBR-2013) held at ACBR University of Delhi, Delhi -2013
- ❖ Symposium on “Infection and Cancer “-32nd Annual convention of Indian Association for Cancer Research and International 2013
 - Workshops attended
- ❖ One Week FDP on” Development and Implementation of MOOCs” (Oct. 21 - Oct. 27, 2020) organized by Ramanujan college University of Delhi
- ❖ Frontiers in Biomedical Research- 2019: A Hands-on Workshop on Patent Drafting June 24th to 26th, 2019 at Dr B.R. Ambedkar Centre for Biomedical Research
- ❖ “Orientation Workshop on Effective Communication and impressive delivery” on March 30th 2019 at Consortium For educational Communication, Delhi.
- ❖ Workshop on “Catalyzing a Cultural Shift in Youth Entrepreneurship” organised by D S Khotari Centre for Research and Innovation in Science Education, Miranda House University

of Delhi and Biotechnology Research Assistance Council (BIRAC) department of Biotechnology on National, November 9th 2017 on Entrepreneurship Day at Miranda House.

- ❖ Workshop on 'Bioinformatics in Drug Discovery' at CMET Lecture Theatre, AIIMS, and New Delhi , February 2-5, 2016.
- ❖ Workshop on 'Bioinformatics in Drug Discovery' at CMET Lecture Theatre, AIIMS, and New Delhi , February 2-5, 2016.
- ❖ Workshop on “Essentials of Statistics and Clinical Data Analysis using R” at ICGEB, Aruna Asaf Ali Road, New Delhi, December 1 – 4, 2015.
- ❖ Workshop on 'Bioinformatics in Drug Discovery' at CMET Lecture Theatre, AIIMS, and New Delhi, February 2-5, 2016
- ❖ Workshop on “Intellectual property rights and patents” at S.P.Jain auditorium ,South Campus, University of Delhi,19th January 2015.
- ❖ 19th Congress of the European Hematology Association held in Milan, Italy, June 12 - 15, 2014.
- ❖ Workshop on "Statistical Methods for Evaluation of Diagnostic Kits" at National Institute of Medical Statistics, ICMR, New Delhi, 15-17 November, 2012.

Conferences, Workshops, Webinars Organised

- ✓ Organised a three day (27th -29th September 2022) national hands-on workshop on PCR for Diagnostics and Gene Expression Analyses at Dr B.R. Ambedkar Centre for biomedical research University of Delhi.
- ✓ Organised a four day National workshop (virtual) on “Flow cytometry and qPCR based blood analyses” (under the aegis of DBT STAR college scheme and IQAC) from 20-24 October, 2021 at Acharya Narendra Dev College
- ✓ Organised a three day event on “Indian Constitution at 70”(under the aegis IQAC) on October 21-23, 2019 , culminated on November 26th ,2019, the day Indian Constitution was adopted at Acharya Narendra Dev college
- ✓ Organised a talk (Under the aegis of DBT-STAR college scheme) on April 15th ,2019 on talk on “The Art of Public Communication “by Prof. Shaheena Khan, Indian Institute of Mass Communication, Manav Rachna
- ✓ Organised a talk a talk on "Intellectual Property Rights and Career Opportunities" by Dr Rekha Chaturvedi Former chairperson DIPP. IPR Professor DU on August 2nd ,2019 at Acharya Narendra Dev College

- ✓ Organised a One-day Workshop on “Fraud, Forgery & Forensics: Examining Handwriting, Fingerprints and Security Documents” (Under the Aegis of DBT-STAR College Scheme) on April 3rd, 2019 which included a talk by Mr. J. K. Semwal, (Senior Faculty- Documents, Lok Nayak Jaiprakash Narayan National Institute of Criminology and Forensic Science, Ministry of Home affairs, Government of India) at Department of Biomedical Sciences, Acharya Narendra Dev College.
- ✓ Organised a “A one day workshop on FOLDSCOPE” on February 2nd 2019 (Under the aegis of DBT-STAR college scheme) Department of Biomedical Sciences , Acharya Narendra Dev college.
- ✓ Organised a talk on “Science Behind Myths 2019 Demystifying Myths Surrounding Human Health - by Dr Anurag Agrawal, Director, Institute of Genomics Integrative Biology (IGIB-CSIR) on January 31st,2019 as a part of CATHEXIS’19, Society function of Department of Biomedical Sciences, Acharya Narendra Dev College.
- ✓ Organised a talk by Professor Rajiv Janardhanan, (Director, Amity Institute of Public Health) and Professor Priya Ranjan, Amity School of Engineering and Technology, Noida, Uttar Pradesh) under ‘CATHEXIS’, inaugural lecture on “e-Health: Exploring its potential for Healthcare Delivery” on 25th October 2018 Department of Biomedical Sciences, Acharya Narendra Dev College.
- ✓ National Conference and workshop on “Trends and Scope of Biomedical Sciences” college (under the aegis of IQAC) by Department of Biomedical Science, Acharya Narendra Dev from 11th to 12th April 2017.
- ✓ Organised a workshop with Dr B. R. Ambedkar Centre for Biomedical Research
- ✓ (University of Delhi) in collaboration with Bhaskaracharya College of Applied Sciences (University of Delhi) on “Molecular Diagnostics of Infectious Diseases: Advances and its applications on March 16 -17, 2018 Sponsored by: Department of Science and Technology (DST), Government of India.

Contribution in form Educational Content in open domain

- ✓ Aired Live one hour gurukul Lectures for “The Consortium for Educational Communication”(CEC) in topics relevant to Biomedical Sciences for undergraduate students (2020)
- ✓ Complied and made a video with complete Voice over for the college called “Our presence On Web” (present on the college web site) for presentation to NACC team , March 2016 Sunita Jetly (2010) Educational content on Carbohydrates <http://eduframe.net/ANDC/biology/>.
- ✓ Composed and delivered talks on various science and allied topics on All India Radio (New Delhi) and University FM 2000
- ✓

Research Projects (Major Grants/Research Collaboration)

- ❖ Multi institutional DST Project (17 Lakhs) on medical awareness, capability, patient empowerment and partnership for managing cancer through eLearning, demonstrations and public awareness events " 2021
- ❖ Muti institutional A study of hemoglobinopathy and Thalassemia awareness and Prevalence in students of high school (10th std.), Intermediate school(12thStd.) and Delhi University Funded by Delhi state health mission.

Post-Doctoral Achievements

- Academic Industry Partnership: Lab on Chip technology is part of the team wherein a MOU was signed between Institute of Eminence, University of Delhi and Deos Lab Pvt Ltd today in the presence of Vice Chancellor, Prof. PC Joshi and other officers to develop futuristic diagnostic technology of 'LAB ON CHIP' (loC) for detection of COVID and Leukemia-2021 April

- Academic Achievements of Doctoral Research.

- Two Patents from Research on diagnostics of Chronic Myeloid Leukemic
- ❖ Number :1569/DEL/2013: granted 2019 A new fluorescent beacon probe diagnostic tool/kit for molecular detection of translocation t(9;22)/BCR-ABL1 in leukemic patients and method of working for the same
- ❖ Number application no1568/DEL/2013 granted 2021 A novel beacon-based diagnostic probe/tool/kit for detection of translocation 8;21 in acute myeloid leukemia patients and method of working for the same
- International Travel Grants Received 2014
- ❖ Received UGC travel grant to attend International Conference "The 19th Congress of the European Haematology Association" held in Milan, Italy from June 12 - 15, 2014

Other Distinctions

- Designated as the State Blood Cell Coordinator for spreading Thalassemia Awareness and screening amongst schools of Delhi April 2023

- Appreciation trophy for humanitarian work by Ethnomart Charitable Trust on 19th March 2023
- Appreciation trophy for humanitarian work by Jans haram group in program “Desh ka Sipahi ho” a tribute to Pulwama soldiers on 19th February 2023
- Appreciation certificate as University Coordinator for thalassemia Screening camps by state Blood cell officer (Maulan Azad Medical College and LNH) October 2022
- Shikshak Samman by Lions international (district 321-A1) on September 12th 2022
- Appreciation as a Director of BHOR Living humanly foundation for humanitarian work on International women’s day 8th March 2022
- 2nd prize in poster presentation in Online -International Conference on Infection and Immunity (8th -10thOctober 21)
- Appreciation Certificate as Program officer NSS@ANDC by Ministry of Ayush for successfully conducting three day Yoga an Nature Cure program 18th to 21st June 2021
- Designated as the State Blood Cell Coordinator for spreading Thalassemia Awareness and screening amongst colleges of Delhi University March 2021
- Awarded prize for her humanitarian work and cleanliness on the women’s day by HCL foundation And RWA of sector 51(C D F Block) March 2021
- Awarded the Corona Warrior certificate by the Journalist Press Council (India) for her social Work in NOIDA Uttar Pradesh during pandemic lockdown October 2021

Academic Achievements / Award/ Distinction - Graduation And Post-Graduation

| Award | Achievement | Year |
|--------------------------------|---|------|
| Certificate of merit | Highest marks in University in M.Phil. (Hons) Zoology | 1994 |
| Joint CSIR-UGC fellowship | University Examination | 1993 |
| Certificate of merit | Highest marks in College in M.Sc. (Hons) Zoology part I | 1992 |
| University gold Medal | Highest marks in the University in aggregate of all three years | 1991 |
| Certificate of merit | Highest marks in University in B.Sc. (Hons) Zoology part II | 1990 |
| Agnes Scott Memorial Prize | Highest marks in Developmental Biology (Part I) - Zoology. | 1990 |
| Certificate of merit | Highest marks in University in B.Sc. (Hons) Zoology part I | 1989 |
| University Scholarship in B.Sc | University Examination | 1988 |



Association With Professional Bodies

- Life membership of Indian Association for Cancer Research
- Society of Cancer Research-Young society of India
- Association of Teachers in Biological Sciences (ATBS).

Other Activities

Sports

- ❖ First Prize in Short-Put event in intra college (ANDC) Sports meet 2019
- ❖ First Prize in Short-Put event in intra College (ANDC) sports meet 2017
- ❖ Third Prize in 100 meters sprint In Intra College (ANDC) sports meet 2017

- ❖ Walkathon enthusiast participated in several marathons and walkathons (10 km) since 2016

Community and Extension Service/ Social outreach programs

- AS a NSS program officer with a record breaking 180 events / webinars/ awareness drives/cleanliness drives/ donation/ awareness drives, videos, posters career guidance etc both online and off line from august 2020- May 2021
- **Creation of a transparent platform “LIVING HUMANLY” (2019)**

Living humanly or feelingly is a basic human trait ingrained in every individual irrespective whether one is able to express it overtly or not. The essence of human is in being human. The constraints of the modern fast life and self-inflicted stress of reaching one’s own set targets and aspiration has shrouded this instinct to some corner of our mind, hidden but waiting just to be gently cajoled. In the current scenario of the pandemic COVID-19, the anxiety built up due to disease, uncertain future and constraints of lockdown itself has left each one of us soul searching to answers, now from here where do we lead----. The existence seems to be redefined with emphasis more on health, peace and connecting with people than participating in the rat race of highly paid career profile. Innately we want to facilitate the rearousal of the philanthropic nature by providing a transparent and fair platform where help is meted to genuine people in the humblest manner. Through this platform of “living humanly” the aim is to provide a democratic ambience where with free inner spirit and trust a person feels gratified within him/herself in gesturing philanthropy and compassion.

- General Secretary of Nari Pragati Foundation -NGO 2021
- ✓ Organised Free Vaccination camps for 300 maids at Nithari Sec 31 NOIDA,
- ✓ Organised Campus for awareness about Menstrual Hygiene and distributed fre sanitary Napkins
- ✓ Organised series of webinars on issues ranging from mental health, yoga, plight of children in COVID, medicinal plants, vaccination awareness etc.
- Designed two surveys (2021) to understand and analyse the vaccination program and COVID treatment modalities in India for home quarantine patients
- Organised Free Thalassemia screening camp (2021) for students of ANDC in collaboration with Doctors from Maulana Azad Medical College, Delhi
- **Contributions to COVID-19 pandemic**
- ✓ **Volunteers in the Step-1 program of Govt of Delhi, reaching out on phone to 30-40 COVID patients every day, given appreciation certificate of Volunteering**
- ✓ **Distributed Food to 3000 families during both the lockdown**
- ✓ **Provided medicinal aid, teleconsultation, monetary aid to needy people.**

- ✓ Designed a series of four extensive surveys to ascertain the awareness, mental wellbeing, effect of lockdown and extent of traditional methods followed amongst students of NCR (2020)
- **Member of Narmada Team (August 2019) involved in Swachh Bharat Abhiyan through “Garbage Clinic” a concept developed by Mr Praveen Nayak**

- **Social outreach programs for students**

Being the NSS program officer of the college gave me the opportunity to conduct several social awareness programs to educate the student in diverse social issues to ensure that education is not just a tool for employment but creates a human being who is self-confident, strong, happy and contented (<https://m.facebook.com/andcnss/>, Instagram- [nss_andc](#), twitter account [@nss_andc](#).)

- **Intense activities for combating covid especially during the second wave and increase mortality were to reach out to all in every possible manner**
- ✓ A Chat Bot system on what’s app (what’s app number 8114464101) was developed by NSS Volunteers which was later on shared to NSS DU to be put up at DU website. This system provided verified leads about COVID resources This system wherein help 100 patients. The chat bot was handled individually and then in a collaboration with NSS units of other colleges. An appreciation of the same was seen in print media.
- ✓ Students and faculty were helped with tele consultation with verified Doctors under the guidance of PO.
- ✓ Ration kits were made available to more than 20 people and also verified food leads were provided to all those in need. Cylinders and oxygen concentrators were bought to help the needy.
- ✓ Under Tika Utsav various discussions were held to bring out truths and myths on vaccination and to spread awareness about vaccination.
- ✓ Short videos to bring a sense of happiness and peace were made which had 1500+ impressions.
- ✓ A yoga series was initiated by NSS ANDC with more than 25 student volunteers motivated students by shooting videos of them doing yoga asanas and explaining its significance for the entire month of April
- ✓ 5.Plantation drives at home were done by the volunteers.
- ✓ 6. Under Project Wellness, NSS volunteers spread awareness on mental health issues like depression which could have arisen due to the pandemic. The videos and social media posts had 200+ impressions.

Webinars / Awareness Series

- “Home grown medicinal plants and Traditional preventive methods- a Key to health” A talk by Rakesh Kumar organised by NSS@ANDC on July 2021
- “Nest for birds- Ek ashiana Aiyas Bhi” A talk by Rakesh Khetri organised by NSS@ANDC on July 2021
- Celebrated International yoga day from 18-21st of June 2021 in collaboration with Auryoga Life Institute educating students on mudras, kriyas, asanas and mediation following the common yoga protocol
- **Awareness on cancer**
- ✓ Cancer Awareness & Clean Yamuna - prevent cancer an awareness webinar by Dr S Khanna and Dr Pragya Singh, organized by Acharya Narendra Dev college and National service scheme with Dharamshila Cancer Foundation and research centre on 24th September 2020
- **Mera Sangharsh Meri Jeet, Meri khani A series on survivors**
- ✓ “Breast Cancer survivors share their journey”, A tribute to cancer viranis inn the breast cancer month , organized by Acharya Narendra Dev college and National service scheme on October 23rd 2020
- ✓ “Covid 19 living well in spite of it” 24th September 2020 an interactive webinar with a leading consultant psychiatrist Dr Kersi Chavda organized by Acharya Narendra Dev college and National service scheme on September 24th 2020,
- **Vande Matram Series:**
- ✓ Talk Series -2. 'A National Webinar' (9th October 2020) on the occasion of INDIAN AIR FORCE DAY, talk by Group Caption R.K SINGH - "Role of Air Power in Current Indo-China Face- off" And Wing Commander SNEHA SINGH - "Career opportunities in Indian Air Force"
- **“Gender sensitization and its social implication” Vigilance awareness week (Oct 27th to 2nd Nov.)**
- An interactive webinar by Dr Rakesh Singh Gender-equal society would be one where the word ‘gender’ does not exist: where everyone can be themselves, organized by Acharya Narendra Dev college and National service scheme on October 23rd 2020
- **Health awareness**
- ✓ “Good and bad postures and magic of physiotherapy on posture“World Health Day” Webinar by Dr. Suchita Kalyani, Physiotherapist” organized by Acharya Narendra Dev college and National service scheme on 7th April 2021

✓ "Your kitchen is your health tool ", an attempt to make the youth aware of the traditional home remedies Speaker Dr Sheenu Sanjeev organized by Acharya Narendra Dev college and National service scheme on October 7th 2020

Sheenu Sanjeev

Signature of Faculty Member

- You are also requested to also give your complete resume as a DOC and PDF file to be attached as a link on your faculty page.