




## Faculty Details proforma for DU College Web-site



|                                   |    |   |       |                              |             |   |
|-----------------------------------|----|---|-------|------------------------------|-------------|---|
| Title                             | Dr | First Name  | Geetu | Last Name                    | Gambhir     | Photograph  |
| Designation                       |    | <b>BURSAR, Assistant Professor (Chemistry)</b>  |       |                              |             |  |
| Address                           |    | <b>Acharya Narendra Dev College,<br/>Govindpuri, Kalkaji,<br/>New Delhi -110019, INDIA</b>  |       |                              |             |   |
| Phone No Office                   |    | <b>+ 91 11 2641 2547, +91 11 2629 3224, +91 11 26294542</b>   |       |                              |             |   |
| Residence                         |    |   |       |                              |             |   |
| Mobile                            |    |   |       |                              |             |   |
| Email/<br>Web-Page                |    | <b>geetugambhir@andc.du.ac.in</b><br><b><a href="http://andcollege.du.ac.in/?q=departments/zoology/faculty/5">http://andcollege.du.ac.in/?q=departments/zoology/faculty/5</a></b> |       |                              |             |   |
| Educational Qualifications        |    |   |       |                              |             |   |
| Degree                            |    | Institution   |       |                              | Year        |   |
| <b>Ph.D. (Organic Chemistry)</b>  |    | Department of Chemistry, University of Delhi, Delhi, India.   |       |                              | <b>1998</b> |   |
| <b>M.Sc. (Chemistry)</b>          |    | Hansraj College (University of Delhi), Delhi, India.  |       |                              | <b>1992</b> |   |
| <b>B.Sc. (H) Chemistry</b>        |    | Hansraj College (University of Delhi), Delhi, India.  |       |                              | 1989        |   |
| <b>10+2</b>                       |    | Mont Fort School , Ashok Vihar, New delhi (CBSE, Delhi, India)  |       |                              | 1986        |   |
| Career Profile                    |    |   |       |                              |             |   |
|                                   |    |   |       |                              |             |   |
| <b>Institution</b>                |    | <b>Position Held</b>  |       | <b>Duration</b>              |             | <b>Total Experience</b>   |
| Acharya Narendra Dev College (DU) |    | Assistant Professor   |       | 22 July, 2002 to till date   |             | Approx 17 Years   |
| Deshbandhu College (DU)           |    | Assistant Professor   |       | 9 Feb, 1999 to 30 April 1999 |             | Approx 3 Months   |
| Deshbandhu College (DU)           |    | Assistant Professor   |       | 20 Oct, 1999 to 19 Feb, 2000 |             | Approx 4 Months   |
| Gargi College (DU)                |    | Assistant Professor   |       | 16 Oct, 2001 to 14 Feb, 2002 |             | Approx 4 Months   |
| Administrative Assignments        |    |   |       |                              |             |   |

**(2018- till date)**

- Bursar (2019 –till date)
- Teacher-in-charge ,Department of Chemistry
- Acting teacher incharge Jan-April 2016

**(2016- 2018)**

- Convenor,Foreign Language
- Member, examination committee
- Admission committee of Chemistry Department

**(2014-2016)**

- Convenor, Foreign Language
- Member, fellowship committee

**(2012- 2014)**

- Member of Foreign Language Committee
- Stock Verification Committee(constituted by the Principal)
- Admission committee of Chemistry Department

**(2010- 2012)**

- .Convenor of add on course “**Effective Communication and Personality Development through Theater**”.
- Co-Convenor of Dramatic Society.

**(2008- 2010)**

- Member of Sports Committee
- Member of Placement cell
- Member of the Admission Committee of chemistry Department

**(2006- 2008)**

- Convenor for the Fellowships and Awards committee
- Member of Examination Committee

**CURRICULUM DEVELOPMENT**

- Member of committee involved in restructuring the course contents of **Chemistry** paper to be taught in B.Sc Programme; 2010.
- Member of committee involved in restructuring the course contents of organic chemistry paper to be taught in B.Sc. chemistry (Hons); 2010.

**CULTURAL/ EXTRA CURRICULAR ACTIVITY**

- As convenor of "Abhikriya", Chemistry society of the college, organized the chemistry Fest “Synergia” in which various Intercollegiate competitions like Science Quiz, Rangoli, Poster making etc. were held in 2006-07. The society also organized a lecture on ozone day.
- As Convenor of the theatrical society of the college, organized a play on *Sau Mai Laga Dhaga... and Yeh Daag Daag Ujalla* in 2011 and 2012 respectively by the students of the college at Sri Ram Centre, Mandi House, New Delhi.
- As a convenor of Foreign Language Department expanded the department from certificate courses to diploma and advanced diploma courses in French, German and Spanish. Started the certificate course in

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|--|
| Russian.   |
| <b>Areas of Interest / Specialization</b>  |
| Organic Chemistry  |
| <b>Subjects Taught</b>   |
| Fundamentals of Organic Chemistry, Spectroscopy , Dyes , Polymers  |
| <b>Research Guidance</b>   |
| <p><b><u>UG RESEARCH GUIDANCE</u></b></p> <ul style="list-style-type: none"> <li>➤ <b>Synthesis of some novel Chalcones by Microwave Irradiation and Conventional Techniques ”</b> (2010-11)</li> <li>➤ <b>Isolation and Estimation of the enzyme Tyrosinase from the natural source potato”.</b> (2012-13)</li> <li>➤ <b>Development of Bioactive Membrane Based Sensors for Determination of Heavy Metals and their salts as Pesticides.</b>( 2014) Parwej Alam, B.Sc. Life Science II Year, Aparna Jha, B.Sc. Life Science II Year . along with Dr. Sunita Hooda as mentor.</li> <li>➤ <b>Determination of some soft drink constituents and contamination by some heavy metals, (2016)</b> Simran Agarwal and Harshit Srivastava, B.Sc. Chemistry (Hons.) III Sem. along with Dr. Sunita Hooda as mentor.</li> <li>➤ <b>Preparation of Bioactive Styryl Coumarins For The Study of its Fluorescent Property, (2016)</b> Devendra Sharma and Simran Agarwal, B.Sc. Chemistry (Hons.) III Sem. along with Dr. Sunita Hooda as mentor.</li> <li>➤ <b>Chemical Analysis of Soil, (2016)</b> Harshit Shrivastava and Devendra Sharma, B.Sc. Chemistry (Hons.) III Sem. along with Dr. Sunita Hooda as mentor.</li> <li>➤ <b>Adsorption of heavy metals on EDTA - functionalised chitin (2017),</b> Ravina, Chem (Hons). V Sem along with Dr. Sunita Hooda as mentor.</li> </ul> <p><b><u>UG RESEARCH GUIDANCE</u></b></p> <ul style="list-style-type: none"> <li>➤ <b>Synthesis of some novel Chalcones by Microwave Irradiation and Conventional Techniques ”</b> (2010-11) Prakriti Wadhwa B.Sc. Chemistry (Hons.) II year</li> <li>➤ <b>Isolation and Estimation of the enzyme Tyrosinase from the natural source potato”.</b> (2012) Neelam Kumari B.Sc. Zoology (Hons.) II year</li> <li>➤ <b>Determination of some soft drink constituents and contamination by some heavy metals, (2016)</b> Simran Agarwal and Harshit Srivastava, B.Sc. Chemistry (Hons.) III Sem. along with Dr. Sunita Hooda as mentor.</li> <li>➤ <b>Preparation of Bioactive Styryl Coumarins For The Study of its Fluorescent Property, (2016)</b> Devendra Sharma and Simran Agarwal, B.Sc. Chemistry (Hons.) III Sem. along with Dr. Sunita Hooda as mentor.</li> <li>➤ <b>Chemical Analysis of Soil, (2016)</b> Harshit Shrivastava and Devendra Sharma, B.Sc. Chemistry (Hons.) III Sem. along with Dr. Sunita Hooda as mentor.</li> </ul> |

- **Adsorption of heavy metals on EDTA - functionalised chitin (2017)**, Ravina, Chem (Hons). V Sem along with Dr. Sunita Hooda as mentor.

## Publications Profile

### PUBLICATIONS

- Shantanu De, **Geetu Gambhir** and H.G Krishnamurthy (1994) A Simple and Safe catalytic Hydrogenation of 4-Vinylbenzoic Acid ,Journal of Chemical Education, Vol 71, number11, Nov pp 992-93.
- Niveta Jain, **Geetu Gambhir** and H.G Krishnamurthy (2001) “Synthesis of Hormothamnione and 6-Desmethoxy Hormothamnione, Indian Journal of Chemistry , Vol 40B, April,pp 278-283.
- Abraham J S, Somasundaram S, Jangra S, Yadav K, Singh S, Zutshi S, Singh B, Dagar J, Kumar A, Goyal A, Bhatnagar M, Upadhaya M, Choudhary A, Toteja R, Gupta R, **Gambhir G** and Makhija S (2016) Biodiversity and community structure of soil ciliates collected from three different sites of Delhi, India to assess soil quality. Protistology. 10(2), 5.
- Shyam Lal, Sunita Hooda, Amit Kumar, Subodh Kumar, Aarushi Singh, Snigdha Singh, Ramesh Chandra, Vikrant Kumar, Vandana Uberoi, **Geetu Gambhir**, Drashya, (2018)Acrylonitrile copolymer based membrane sensor for selective detection of Pb<sup>2+</sup> ions in aqueous medium,[www.educationjournal.org](http://www.educationjournal.org) Volume 3; Issue 2; March ; Page No. 107-113.12
- Jeeva Susan Abraham, S. Sripoorna, Joti Dagar, Shiv Jangra, Anit Kumar, Khushi Yadav, Simran Singh, Anusha Goyal, Swati Maurya, **Geetu Gambhir**, Ravi Toteja, Renu Gupta, Dileep K. Singh, Hamed A. El-Serehyd, Fahad A Al-Misned, Saleh A. Al-Farraj, Khaled A. Al-Rasheid, Saleh A. Moewda, Seema Makhija (2019) Soil ciliates of the Indian Delhi Region: Their community characteristics with emphasis on their ecological implications as sensitive bio-indicators for soil quality. Saudi Journal of Biological Science. <https://doi.org/10.1016/j.sjbs.2019.04.013>

### BOOKS

- **Geetu Gambhir**, Vandana Uberoi, Anila Kalra and Rajesh Kumar, *Science and Technology*”, for class IX, based on CBSE syllabus, 2005, Paragon International,
- **Geetu Gambhir**, Vandana Uberoi, Anila Kalra and Rajesh Kumar, *Science and Technology*”, for class X, based on CBSE syllabus, 2005, Paragon International,

### E- CHAPTERS

- **Geetu Gambhir** (2008) Hydrocarbons- Alkanes and Cycloalkanes. (<http://nsdl.niscair.res.in/handle/123456789/480>), National Science Digital Library created by CSIR organization, National Institute of Science and Communication and Information Resources.
- **Geetu Gambhir** (2008) Hydrocarbons-Alkenes Cycloalkenes Dienes and Alkynes. (<http://>

[nsdl.niscair.res.in/handle/123456789/481](http://nsdl.niscair.res.in/handle/123456789/481)), National Science Digital Library created by CSIR organization, National Institute of Science and Communication and Information Resources.

- Co Authored the chapter on Polymers, Institute of Life Long Learning, Delhi University( 2011)
- Co Authored the chapters on Amino acids ,Peptides and Proteins, Spectroscopy and its application to simple Organic molecules Institute of Life Long Learning, Delhi University( 2012)
- Working as a resource person in Institute of Life Long Learning (ILLL) for development of Question bank for B.Sc. Programme Part -I and Part -II.

#### **EDUCATIONAL CONTENT IN OPEN DOMAIN**

- Developed the following UG/postgraduate level e-content for ‘e-PG *Pathshala*’ an initiative by MHRD, under its National Mission on Education through ICT (NME-ICT):
  - Organic Chemistry-Nature of bonding and stereochemistry, <https://epgp.inflibnet.ac.in/ahl.php?csrno=5>
  - Organic Chemistry III –Reaction Mechanisms- Neighbouring Group Participation in Free radicals and bridge head systems. <https://epgp.inflibnet.ac.in/ahl.php?csrno=5>
  - Organic Chemistry IV-Advanced Organic Synthesis,Supramolecular Chemistry and carbocyclic rings. <https://epgp.inflibnet.ac.in/ahl.php?csrno=5>

#### Conference / Presentations /Workshops

#### **CONFERENCE PUBLICATIONS**

- **Health Effects of Water Pollution, Heavy Metal Ions and Air Pollution.** Orally presented in "National Workshop on Environmental Sustainability and Pollution Control" held at Delhi, Vastu Kala Academy, School of Architecture, Institutional Area, New Delhi, July 10 2004.
- **Geetu Gambhir** ,Sunita Hooda, Vandana Uberoi, Presented the poster titled “**Overview An of Sensors for Environmental Monitoring**” and “**Hg<sup>2+</sup>- Sensitive polymeric membrane for electrochemical green processes**”(2006) in second IUPAC sponsored International Symposium on Green/ Sustainable chemistry organized by University of Delhi
- **Geetu Gambhir** ,Sunita Hooda, Vandana Uberoi, Presented a poster titled “**Ionic Liquids: Green Solvents for the Future**” (2007). in the national Seminar on Green Chemistry and natural products ion 26-27 Nov 2007, Organized by Department Of Chemistry, University of Delhi,
- Vandana Uberoi, Sunita Hooda, **Geetu Gambhir**, Subodh Kumar and Priya Barua, **Lead Chemical Sensors for Environmentally Green Chemical Process**, Proceeding of 3rd Indo- Italian Seminar on Green Chemistry, P-1, Held on 9th Dec. 2009, University of Delhi.

- Sunita Hooda, Vandana Uberoi, **Geetu Gambhir**, Vimmy Suvarna & Uday Mahajan, **Lead (II) - PVC Membrane Selective Electrodes Based on 1-Naphthyl Amine as an Ionophore**, Proceeding “First Indo - Italian Workshop on Frontiers of Fundamental & Industrial Electrochemistry A Challenge for a Better World”, PP -48, Held on August 30- 31, (2010).
- Vandana Uberoi, Sunita Hooda, **Geetu Gambhir**, Aakriti Jakhmola& Akshay Kalra, **Nickel (II) PVC membrane Electrochemical Sensor Based on 2, 4, 6-Tribromo Phenol as a Novel Ionophore**, Proceeding “First Indo-Italian Workshop on Frontiers of Fundamental & Industrial Electrochemistry: A Challenge for a Better World”, PP - 49, Held on August 30-31, (2010).
- Sunita Hooda,**Geetu Gambhir**,Vandana Uberoi, **Application of Novel Polymer based Ion Selective Electrode in Analytical and Industrial Electrochemistry**. Proceeding “First Indo - Italian Workshop on Frontiers of Fundamental & Industrial Electrochemistry: A Challenge for a Better World”, OP -14, Held on August 30-31, (2010).
- Sunita Hooda ,Vandana Uberoi, **Geetu Gambhir**, Subodh Kumar and Priya Barua, **“Lead Ion Selective Electrode for Environmentally Green Chemical Processes”** Proceeding National Symposium on “Chemistry in Biology” NSCBO-1, Feb.12-13<sup>th</sup>, 2010, Indian International Center, New Delhi.
- Sunita Hooda, **Geetu Gambhir** and Shyam Lal, **Synthesis of Silver Nano Particles In Acrylic Acid Solution And Their Application For Estimation of Dopamine**, Oral VIII, No. 79, Published in proceeding of 26<sup>th</sup> Biennial International Conference of The Asian Association for Biology Education on “Trends in Biology Education and Research: Practices and Challenges”, 20<sup>th</sup> -23<sup>rd</sup> September 2016, Goa - India.
- Sunita Hooda, Shyam Lal, **Geetu Gambhir** and Vandana Uberoi, **The Adsorptive Removal of Cationic drug From Aqueous Solution Using Hydrogel - Poly (N-IsoPropylacrylamide)**, Poster, VIII, No. 92, published in proceeding of 26<sup>th</sup> Biennial International Conference of The Asian Association for Biology Education on “Trends in Biology Education and Research: Practices and Challenges”, 20<sup>th</sup> -23<sup>rd</sup> September 2016, Goa - India.
- Sunita Hooda\*, **Geetu Gambhir**, Simran Agarwal, Harshit Srivastava and Devendra Sharma, **Determination of some soft drink constituents and contamination by some heavy metals**, PP-03 , Published in Proceeding of **International Conference on Green Chemistry in Environmental Sustainability (ICGC-2016)**, Page 109, held on 17-18<sup>th</sup> Nov. 2016, Organized by Department of Chemistry, Daulat Ram College, University of Delhi.
- Shiv Jangra, Khushi, Simran, Sidhanth Zutshi, Bhupender Singh, Jyoti Dagar, Anit Kumar, Anusha Goyal, Muskan Bhatnagar, Meenu Upadhaya, Jeeva Susan Abraham, S. Sripoorna, Ashish Choudhary, Ravi Toteja, Seema Makhija, **Geetu Gambhir** and Renu Gupta (2016) **Community characteristics of soil ciliates collected from three different sites in Acharya Narendra Dev College, University of Delhi**. National Symposium on Environment: Greener Future and Awareness organized by Department of Zoology, Deshbandhu College, University of Delhi, New Delhi, India.
- Sunita Hooda\*, **Geetu Gambhir**, Simran Agarwal, Harshit Srivastava and Devendra Sharma, **Chemical Analysis of Soil and Their Effects on Germination of Seed**, presented in National Conference on **Environmental Sustainability in Wastewater Remediation: Current Status and Future Prospects**, held on 19<sup>th</sup> -20<sup>th</sup> Jan. 2017, Organized by Department of Chemistry, Sri Venkateswara College, University of Delhi in association with RSC (London)

- Ravina Yadav, **Geetu Gambhir\***, Sunita Hooda, Drashya, Received First Prize and Trophy for best Poster Presentation on “**Remediation of Heavy Metal ion Toxicity from Waste Water Using Functionalized Chitin**”, International conference of the Public Health Foundation of India and Pacific Basin Consortium, 14-16<sup>th</sup> November, 2017, India HabitatCentre, New Delhi, India.
- Ravi Toteja, Jeeva Susan Abraham, Sripoorna Somasundaram, **Geetu Gambhir**, Dileep K Singh, Seema Makhija. **Soil ciliate (Protozoa; Ciliophora) diversity in and around Delhi, India and its ecological implications**. 15<sup>th</sup> International Congress of Protistology held at Prague, Czech Republic, from from July 30 to August 4, 2017.
- Jeeva Susan Abraham, S. Sripoorna, Renu Gupta, Ravi Toteja, Swati Maurya, **Geetu Gambhir**, D. K. Singh and Seema Makhija. **Physico-chemical and biological analysis of soil samples collected from different sites in and around Delhi, India**. Indian Network for Soil Contamination Research International Conference, Department of Zoology, University of Delhi, Delhi from 26th-28th September, 2017.
- Shiv Jangra, Khushi, Simran, Sidhanth Zutshi, Bhupender Singh, Jyoti Dagar, Anit Kumar, Anusha Goyal, Muskan Bhatnagar, Meenu Upadhaya, Jeeva Susan Abraham, S. Sripoorna, Ashish Choudhary, Ravi Toteja, Seema Makhija and **Geetu Gambhir**. **A study on assessment of physico-chemical analysis and correlating it with ciliate diversity to monitor sludge quality**. Poster presented by undergraduates in Innovation conclave held at Acharya Narendra Dev College on 25-26 October, 2016.

#### **SYMPOSIUMS/WORKSHOPS/CONFERENCES ATTENDED/PARTICIPATED/ORGANIZED**

- Member of the organizing committee for National symposium on “**Biotechnology: Expanding Horizons**” organized by Acharya Narendra Dev College and held at INSA auditorium in 2002.
- Participated in 5 days “**Wikied’09**” **Workshop**, organized by Acharya Narendra Dev College and CEMCA from January 8-12, 2009.
- Participated in 6 days **Easy Now Workshop on Multimedia Content Development**, organized by Acharya Narendra Dev College and CEMCA from 20<sup>th</sup> – 25 April, 2009.
- Participated in the workshop for **Preparation of online quizzes on Life sciences subjects**, organized by Institute of Life Long Learning (ILLL), University of Delhi in April 13<sup>th</sup>, 2009.
- Participated in 3-day **workshop on DRUPAL for constructing and maintaining website**, organized by Acharya Narendra Dev College January, 2010 organized by Acharya Narendra Dev College, University of Delhi at India International Centre, New Delhi.
- Part of the Organizing Committee of 2-days National Symposium on “**Chemistry in Biology: The Future of Life Sciences**”, Feb. 12-13, 2010; organized by Acharya Narendra Dev College, University of Delhi at India International Centre, New Delhi.
- Member of the organizing committee for International Conference on **Open Paradigms in Education** held on 31 January- 2 February, 2011 at India International Centre, New Delhi, Organized by Acharya Narendra Dev College.
- Participated in one day seminar on “**Teaching redefined: Open access to education**”, Sponsored by INASP, UK, held at Acharya Narendra Dev College on November 1, 2011.
- Participated in three day National Seminar titled “Recent Trends in Chemistry” held at Sri Vekateshwara



college during March 20-22 ,2012.

- Participated in a workshop on Research in UG Science and Mathematics Education, organised by Acharya Narendra Dev College in collaboration with Vidya Bhawan Society from May 14-18, 2012.
- Participated in National Conference '**Redefining Teaching Science: Future of Education**' held at Conference Room, UDSC, March 7-9, 2013.
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#### Research Projects (Major Grants/Research Collaboration)

#### **RESEARCH PROJECTS AS PRINCIPAL INVESTIGATOR/CO-PI**

| S.No. | Title  | Funding Agency | Total Grant (Rs)        | Duration                        |
|-------|--|----------------|-------------------------|---------------------------------|
| 1     | Fabrication of new polymer chemical sensors for environmental protection”        | UGC            | 7.5 Lakhs               | Three Year (2008-11; Completed) |
| 2     | Development of Bioactive Paper Sensor for determination of Pesticide Residues .” | IEDC (DST)     | One lakh                | One Year (2012-13; Completed)   |
| 3     | Ciliate diversity as cellular tool to assess soil quality.                       | DU             | Six Lakh Fifty Thousand | One Year (2015-2016' Completed) |

#### **STAR PROJECT UNDER DBT**

**Application of magnetic chitin composites for the removal of Toxic Metal and Organic Dyes From Industrial Effluents.** Students involved: Ravina Yadav, Chem (Hons.) III Sem., Heena Malik, Chem (Hons.) III Sem., Aniket, Chem (Hons.) III Sem., Mariyam, Chem (Hons.) III Sem., Monika, Chem (Hons.) III Sem., AkarshPandey , Chem (Hons) I Sem., Tanuja Sharma Zoo (Hons) III Sem., SenjutiSengupta, Zoo (Hons) III Sem., Partho Proteem Das Zoo (Hons) III Sem., Akshit Chauhan, Zoo (Hons) III Sem. Aug. 2018 – 2019.

**Teachers involved: Dr. Geetu Gambhir, Dr. Sunita Hooda, and Dr. Sarita Kumar.**

#### Awards and Distinctions

- Science meritorious award for securing highest marks in college, 1989-90
- Science meritorious award for National scholarship from Center of Advanced studies in 1989-90 and 1990-91
- All India Post graduate scholarship, 1989-91
- 1<sup>st</sup> position in college and 3<sup>rd</sup> position in University in M.Sc.
- 1<sup>st</sup> position in college in B.Sc.
- Science meritorious award securing highest marks in college, 1990-91

#### Association With Professional Bodies

#### **MEMBERSHIP OF PROFESSIONAL / ACADEMIC BODIES, SOCIETIES**

- Indian Society of Analytical Scientists, Analytical Chemistry Division, BARC, Trombay.
- Indian National Science Congress Association, Kolkata



- Association of Chemistry Teachers.

#### Other Activities

- Evaluated the Projects as Jury in Inspired Award Scheme “**5th National Level Exhibition Project Competition**”, December 06-07, 2015 held at Pragati Maidan, New Delhi, under the aegis of Department of Science & Technology, Ministry of Science and Technology, Government of India (*inspire: Innovation in Science Pursuit For Inspired Research*)
- Evaluated the Projects as Jury in Inspired Award Scheme “**4th National Level Exhibition & Project Competition**”, 6-8 October 2014 held at Pragati Maidan, New Delhi, under the aegis of of Department of Science & Technology, Ministry of Science and Technology, Government of India (*inspire: Innovation in Science Pursuit For Inspired Research*)
- Jury member at the Inter School Chemistry Symposium “Ignition 2014” Organized by Modern School ,Barakhamba Road, 2014
- Jury member at the International Chemistry Symposium “Spark 2014” Organized by Delhi Public School, Rk puram ,2014
- Jury member at the National Chemistry Symposium “Spark 2015” Organized by Delhi Public School, R.K puram ,2015.
- Jury member at the Inter School Chemistry Symposium “Ignition 2016” Organized by Modern School ,Barakhamba Road, 2016

Signature of Faculty Member