



Exécutive Synopsis

- ↪ A competent professional with over 17 years of experience in Teaching and Administration as Vice-Principal/Assistant Head master/Academic Coordinator/Facilitator/Mentor/Teacher/ **Digital Learning Advisor (DLA)**.
- ↪ Has been dealing with international Curricula eg. IB (International Baccalaureate, Swiss Curriculum), CAIE (Cambridge Assessment International Education, British Curriculum), AP (Advanced Placement, American Curriculum), SAT-II (American Curriculum), CBSE, CISCE (Indian Curriculum) and Canadian Curriculum in England, Qatar, Saudi Arabia and India.
- ↪ Got a Position Certificate (2nd Rank in M.Sc.) by the Controller of Examinations, Aligarh Muslim University, Aligarh, India.
- ↪ Received a Statement of Comparability with British degree from UK NARIC (National Recognition Information Centre for the United Kingdom), UK.
- ↪ Completed German Language Certificate, Level A 1.1 from Deutsche Internationale Schule Jeddah, Saudi Arabia.
- ↪ Completed Qatar Debate Judging Course in debating and communication skills in Qatar organized by Qatar Debate, Member of Qatar Foundation, Qatar.
- ↪ Well versed in English, Hindi & Urdu along with the basic knowledge of 3 foreign languages i.e. German, Spanish and Arabic.
- ↪ Completed 10 face-to-face workshops, 34 online workshops and more than 100 webinars on professional development apart from many in house training sessions.
- ↪ Attended 9 webinars of Australian Virtual Masterclass Series delivered by distinguished Educators from Australian Universities.
- ↪ Worked as the Team member for the accreditation by AdvancED, US, while working in Saudi Arabia.
- ↪ Worked with Two Delhi Public Schools abroad, DPS Doha (Qatar) & DPS-Jeddah (Saudi Arabia).
- ↪ Research experience of around 5 years in Synthetic Organic cum Analytical Labs.
- ↪ Have had 8 research papers published in esteemed National and International Journals.
- ↪ Attended 9 International and National Conferences, where research presentations were delivered.
- ↪ Merit of being selected as Project Fellow in a project sponsored by Ministry of Environment and Forests, New Delhi, India and completed under the supervision of Prof. K.G. Varshney (Principal Investigator), Department of Applied Chemistry, Faculty of Engineering and Technology, Aligarh Muslim University, Aligarh, India from Jul'02 to Jul'07.
- ↪ Visited Qatar, Spain, England & Saudi Arabia on professional & research related assignments.
- ↪ Attended twice distinguished Lecture Series of Nobel laureates organized by Qatar Foundation's Research Division, Qatar.
- ↪ Won Young Scientist Award twice in 2003 and 2004 for exemplary research projects.
- ↪ Made a claim for both "Limca Book of Records" and "Guinness Book of World Records" on account of fast recalling all the chemical elements of Periodic Table in a record time of 24.9 seconds.
- ↪ An effective communicator with strong presentation, leadership, supervisory and coordination abilities. Experience of working in cross-cultural and multi-lingual environment.
- ↪ Fortunate to work with 5 elite families in Saudi Arabia as an educator/ mentor for their kids and trained them for examination like IB, CAIE, SAT etc. Families were Mohamed Yousuf Naghi Motar & Co., Abdul Latif Jameel, Alesayi Motars, Sawary Group and Turkie Family.

Attributes

- ↪ Hands-on experience and skills in developing curriculum to accommodate different learning styles and maximizing Learners' comprehension.
- ↪ Divergent outlook with creative approach to problem solving using analytical skills and the capability to deal effectively with all levels of an organization.
- ↪ Skilled at organizing teachers' orientation workshops, special events, campaigns, educational tours and exhibitions etc.
- ↪ Possess stupendous skills for mentoring, guiding and controlling teachers/Learner/staff members.
- ↪ Adept at creating vibrant work atmosphere; highly motivated leader with strong communication and people skills.
- ↪ Good understanding of computer aided documentation and result analysis tools.
- ↪ Well versed with 21st Century teaching skills and with tools, apparatus and modern machinery used at the analytical labs.
- ↪ Highly proficient with experimental processes, recording observations of experiments and analyzing test results.
- ↪ Skilled in handling traditional & modern experimental procedures with high level of accuracy & efficiency.

Scholastic Snapshot

- ↪ **Ph.D. (Applied Chemistry)** from Applied Chemistry Department, Faculty of Engineering & Technology, **Alligarh Muslim University, Alligarh (India) in 2007**. Completed thesis on **"Synthesis, Characterization and Analytical Applications of some New and Novel Ion Exchange Materials useful in Environmental Studies"**.
- ↪ **M.Phil. (Applied Chemistry)** from Applied Chemistry Department, Faculty of Engineering & Technology, **Alligarh Muslim University, Alligarh (India) in 2004**. Submitted dissertation on **"Synthesis and Characterization of some New and Novel Ion Exchange Materials"**.
- ↪ **M.Sc. (Analytical Chemistry)** with **Organic, Inorganic and Physical chemistry** from Chemistry Department, Faculty of Science, **Alligarh Muslim University, Alligarh (India) in 2002**.
- ↪ **B.Sc. (Honors in Chemistry)** with **Physics and Mathematics** as two other subjects, Faculty of Science, **Alligarh Muslim University, Alligarh (India) in 2000**.
- ↪ **Details of Examinations qualified are attached at page number 11.**

Organizational Experiences

July 2019- Till Date India	Three Dots Sewamarg Public School, Alligarh, India <i>Vice Principal/ DLA / Academic Coordinator/Chemistry Educator</i>
Sep'11- May 2019 Saudi Arabia	Al-Waha International School (CAIE Curriculum, UK), Jeddah, Saudi Arabia <i>Academic Coordinator/ DLA /AHM & Head of Department</i>
Sep'14-May 2019 Saudi Arabia	German International School (IB Curriculum, Swiss), Jeddah, Saudi Arabia <i>Academic Coordinator/ DLA &Head of Department</i>
Apr'09 to Jul'11 Qatar	DPS-MIS (CBSE & IGCSE), Doha, Qatar <i>Coordinator/ DLA & Chemistry Teacher</i>
Sep'08 to Mar'09 India	Vidhya Sanskar International School (CAIE Curriculum, UK), Faridabad, India <i>Coordinator & Chemistry and Maths Teacher</i>
Jul'07 to Aug'08 India	Modern Vidhya Niketan (CBSE), Faridabad, India <i>Chemistry Teacher</i>
Jul'02 to Jul'07 India	Various coaching institutes for training students for IIT/NEET Examinations <i>Chemistry Faculty</i>

Exposure to International Curricula

- Cambridge Assessment International Education (CAIE) & Edexcel, UK, British Curriculum
 - International Baccalaureate (IB), Swiss Curriculum
 - SAT-II and AP Chemistry, American Curriculum
 - SCH4U, SCH3U and SCH4C, Ontario, Canadian Curriculum
 - International Chemistry Foundation Programme (OBBY014), King's college London, University of London, UK
 - International Science & Engineering Programme (ISEFP), Queen Mary University of London, UK
 - California standards
 - CBSE, ICSE, ICS, Indian Curriculum
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Chief Tasks Handled

AHM/HOD's Work

- ↳ To establish goals and strive to achieve them.
- ↳ To develop a scheme of work for the academic year and to go into detailed planning and execution in compliance with prescribed curriculum and teaching standards for the subject.
- ↳ To conduct fortnightly coordination meetings with teachers, to discuss the various topics and activities in order to make the lessons most effective and Joyful.
- ↳ To conduct lesson observations (5 observations for each teacher per term) and give formative feedback for the further improvement.
- ↳ To check the quantity of work undertaken by students and check on teacher's marking. (4 book reviews for each teacher)

Teaching

- ↳ Classroom teaching of CAIE (IGCSE, AS & A Level) and IB syllabus topics.
- ↳ Delivering lectures on topics such as Organic Chemistry, Analytical Chemistry, Chemical Separation and Physical Chemistry.
- ↳ Carrying out an evaluation and grading of student's classwork, laboratory performance, assignments and papers.
- ↳ Adhering to various time slots to achieve timely completion of the course curriculum.
- ↳ Keeping updated student attendance, grades and other required records.
- ↳ To develop the appropriate daily and periodic testing templates and questions to adequately gauge students' academic learning progress.

Chemistry Lesson Plans and Course Development

- ↳ Conducting theory & practical sessions as per the prescribed syllabus.
- ↳ Regularly updating lesson plans, course content/materials and methods of instruction for ensuring smooth classroom discussions.
- ↳ Developing course material such as syllabi, homework assignments, looking after the procurement of various materials/ supplies such as textbooks and laboratory equipment.

Lab Supervision

- ↳ Supervising laboratory work and teaching proper use of chemicals; updating students with knowledge of chemical interactions, danger signs, production techniques and disposal methods.
- ↳ Educating students about the safe handling of lab apparatus and compliance with various protocols.
- ↳ Teaching chemical composition, structure, properties of substances/chemical processes and transformations that they undergo.

Dealing with Challenging students

- ↪ To invite and meet with parents/guardians of the students on a regular basis.
- ↪ To counsel students with dismal school performance and to make recommended action plans to correct deficiencies.
- ↪ To identify students' weaknesses and to be able to plan a strategy to assist them with it
- ↪ To provide learning incentives and motivation programs to encourage students to participate more actively in classroom work as well as extra-curricular activities.
- ↪ To conduct remedial exams and classes for non-performing students.

Keywords Describing Classroom Teaching

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|-----------------------------|------------------------------|
| ▪ Online E-Learning Classes | ▪ Bloom's Taxonomy |
| ▪ Zoom/Google meet/Webex | ▪ Critical thinking |
| ▪ Jamboard | ▪ Design Thinking |
| ▪ Google Apps for Education | ▪ Child Centred Learning |
| ▪ Virtual Classroom | ▪ Multi-cultural instruction |
| ▪ Disruptive Technology | ▪ Interdisciplinary learning |
| ▪ Instructional Scaffolding | ▪ Interactive exercises |
| ▪ Personalized Learning | ▪ Differentiated instruction |
| ▪ Flipped Classroom | ▪ Cooperative learning |
| ▪ Blended Learning | ▪ Response to intervention |
| ▪ Inclusive Education | ▪ Google Classroom |
| ▪ Enquiry based projects | ▪ Peer Assessments |
| ▪ Markerspace Education | |

Professional Development Conferences / Workshop/ Webinars Attended

Face-to-Face Workshops Attended :

1. Organized Capacity Building Workshop for the teachers by Centre of Excellence (CoE), CBSE, Allahabad topic entitled "Remodeled Structure of Assessment "on Saturday, 16th November 2019 from 09:00 am to 05:30 pm in Three Dots Sewamarg Public School, Aligarh, India
2. Completed "IBDP Chemistry workshop-Category 2" held on 25th-27thApril 2019, in Raffles World Academy, Dubai, UAE, organized by IBICUS, Dubai, UAE
3. Completed "Understanding Critical Thinking" in the academic year 2018-2019, conducted by British Council, Jeddah, Saudi Arabia
4. Completed "Creating a Blended Learning Environment" held on 20th October 2018, conducted by SDF Education Empowerment, Jeddah, Saudi Arabia
5. Attended workshop on "Classroom Management and Teaching Techniques" conducted by Mr. Mohammad Asif Rameez Daudi, Chairman IISJ, Jeddah on Thursday, 22nd March 2018, Jeddah, Saudi Arabia
6. Completed "Professional Development: Need Of The Hour" held on 15th June 2016 conducted by Master English Education & Training, GCC, an ASIC-accredited (UK recognized) international institution at Jeddah, Saudi Arabia
7. Completed the Cambridge International Examinations Professional Development training in "Intermediate Cambridge International AS & A Level Chemistry (9701)" held on 7th-8th February 2016 conducted by Cambridge International Examinations at Jeddah, Saudi Arabia
8. Completed "The Effective Leadership" Teachers Training Workshop held on September 23rd, 2013 by Mr. Tony Swainston, Consultant and Trainer, Organised by British Council, Jeddah, Saudi Arabia
9. Completed "Stage 2 Cambridge IGCSE Chemistry (0620)" held on 23rd-24th October 2011, conducted by University of Cambridge International Examinations at Jeddah, Saudi Arabia
10. Attended Sixth Lecture in the Qatar Foundation Distinguished Lecture Series entitled "Sputnik, metathesis and chemistry" held on 20th January 2010 by Professor Richard Grubbs, Nobel Laureate in Chemistry 2005, Max-Planck Institut, Germany at the Texas A & M University Qatar, Doha, Qatar
11. Attended Fifth Lecture in the Qatar Foundation Distinguished Lecture Series entitled "Heartbeat of Light" held on 26th October 2009 by Professor Theodor Hänsch, Nobel Laureate in Physics 2005, Max-Planck Institut, Germany at the Texas A & M University Qatar, Doha, Qatar

Online Training Module completed-Organized by Partner Schools Global Network (PSGN), British Council Online Courses moderated by Maria Jose Galleno and Sirin Soyoz :

1. 33 hours Course- Special Educational Needs (SEN) on May 25, 2020
2. Understanding with SEN- Visual, Hearing and Physical Impairment on May 25, 2020
3. Engaging with SEN- Speech and Language on May 25, 2020
4. Engaging with SEN-Multicultural Influences on May 25, 2020
5. Engaging with SEN-Social, Emotional and Behavioural difficulties on May 24, 2020
6. Engaging with Thinking Skills in Classroom on May 24, 2020
7. Engaging with Motivational Activities on May 23, 2020
8. Engaging with Leadership, Management and Leadership Styles on May 22, 2020
9. Understanding Approaches to Inclusive Classroom on May 20, 2020
10. Understanding Motivation in the Classroom on May 11, 2020
11. Engaging with Core Skills-Communication, Collaboration and Citizenship on May 10, 2020
12. Engaging with Core Skills-Deep Learning on May 9, 2020
13. Understanding Thinking Skills on May 8, 2020
14. Engaging with Learning Technologies-School Links Projects on April 30, 2020
15. Engaging with Learning Technologies-Digital Literacies on April 29, 2020
16. Understanding Lesson Management 1 on June 18, 2019
17. Engaging with Professional Development – Keeping up to Date on May 20, 2019
18. Engaging with SEN- Inclusive Assessment Approaches on May 20, 2019
19. Engaging with SEN- Dyspraxia on May 20, 2019
20. Engaging with SEN- Attention Deficit Hyperactivity Disorder on June 29, 2018
21. Engaging with SEN- Dyslexia” on March 31, 2018
22. Engaging with SEN- Autism Spectrum Disorder on March 31, 2018
23. Understanding Assessment for Learning on March 24, 2019
24. Understanding Lesson Planning on March 24, 2018
25. Engaging with Assessment For Learning on March 24, 2018
26. Understanding Lesson Management 3 on December 11, 2017
27. Engaging with Professional Development – The Reflective Teacher on December 07, 2017
28. Getting Started on November 24, 2017
29. Engaging with SEN – Gifted and Talented Learners on November 24, 2017
30. Understanding Lesson Management 2 on November 23, 2017
31. Engaging with Professional Development – Peer Observation on November 21, 2017
32. Engaging with Learning Technologies – Cyber Well-being on November 20, 2017
33. Understanding Child Protection on November 17, 2017
34. Understanding Special Educational Needs (SEN) on November 2, 2017

Webinars attended –organized by CBSE in association with Australian Trade and Investment Commission (Austrade) Australian Virtual Masterclass Series

1. Rising Cyber Threats-Demand for Cyber Security Professionals by Prof. Vijay Varadharajan Global Innovation Chair in Cybersecurity, The University of Newcastle, Australia on 30th June 2020
2. Why studying Entrepreneurship is essential for modern Business Person by Dr Baden U'Ren PhD Assistant Professor of Entrepreneurship, Director, Commercialisation Centre, Bond University, Australia on 29th June 2020
3. Levers for Leading by Professor John Fischetti Pro Vice Chancellor, Faculty of Education and Arts, The University of Newcastle, Australia on 24th June 2020
4. Iterating Workplace Practices Post the Covid-19 Crisis by Dr. Sharna Wiblen, Senior Lecturer, Sydney Business School, University of Wollongong, Australia on 23rd June 2020
5. Digital and Social Media Strategies for Schools by Dr. Paul Harrigan, Associate Professor of Marketing and Acting Head of Marketing Department, Business School, UWA, Australia on 22nd June 2020
6. Do Goldfish really have a longer attention span than students of today? by Dr. Gurion Ang, School of Biological Sciences, Faculty of Science, The University of Queensland, Australia on 19th June 2020

7. **Transformative career and life lessons from the pandemic - through the lens of economics** by Dr. Prashan S M Karunaratne, Lecturer, Macquarie Business School, Australia on 18th June 2020
8. **Leading Digital Learning** by Professor Kate Thompson, Dr. Chris Blundell, Dr. Michelle Mukherjee, Dr. Shaun Nykvist from the Faculty of Education, Queensland University of Technology, Australia on 16th June 2020
9. **The Future of Space - Turning Science Fiction into Reality in the Classroom** by Dr. Brad Tucker, Mount Stromlo Observatory, Australian National University, Australia on 15th June 2020

STEM 30-30 Webinar –conducted by Center for Creative Learning, Indian Institute of Technology (IIT), Gandhinagar in collaboration with CBSE and Indian Institute of Science Education and Research (IISER), Pune supported by DST Vigan-Prasar

Received a certificate of completion of Equivalent to 30 hours of Academic Training “**3030 STEM Program-Season 1**” delivered by Manish Jain, Associate Teaching Professor, IIT Gandhinagar.

Topics Covered (inline with Pisa Test Requirements):

- **Critical Thinking and Problem Solving**
- **Conceptual Understanding and out of the box thinking**
- **Exploring the Curriculum in our Surrounding**

1. **The Adventures of A4 Sheet**, on 16-08-2020
2. **Finding your Lung Capacity** on 23-08-2020
3. **The Wonder of Calendar** on 30-08-2020
4. **The Science of Stars, Earth, and Moon** on 6-09-2020
5. **Computational Thinking** on 13-09-2020
6. **What is a Machine?** on 20-09-2020
7. **Math in Vegetables** on 27-09-2020
8. **Language of Science and Math** on 4-10-2020
9. **The Science of Vision** on 11-10-2020
10. **Math of Music, Science of Sound** on 18-10-2020
11. **Card Magic** on 25-10-2020
12. **Mysteries of Cycle and Wheel** on 01-11-2020
13. **Mathematical Lamps** on 08-11-2020

Webinars attended –Organised by CIET-NCERT

1. **Online teaching tool- Big Blue Button** on 05-10-2020 by Vijaykumar Kanigiri, ZP High school, Jajapur, Telangana
2. **Collaborative e-Classroom via Teams** on 02-10-2020 by Krupali Rathin Sanghvi, National ICT Awardee, Udgam School for Children, Ahmadabad, Gujarat,
3. **Organising Digital Resources using Wakelet** on 01-10-2020 by Chandni Agarwal, National ICT Awardee, Maharaja Agrasen Model School, Pitampura Delhi
4. **Getting Started with Google App** on 30-09-2020 by Sangeeta Gulati, National ICT Awardee, Sanskriti School
5. **Canvas - A Learning Management System** on 29-09-2020 by Dr. Banti Ganguly, Assistant Professor, Department of Chemistry, Bir Bikram Memorial College, Agartala, Tripura
6. **Explore Periodic Table using Ptable** on 28-09-2020 Leena Pravinkumar Jain, Graduate Teacher (Secondary), Madhusudan Global School, Mumbai
7. **Creating Educational Gif using ezgif.com and PowerPoint** on 25-09-2020 by G. Chandiraleka, PST Govt. Primary School, Sorapet, Puducherry
8. **OER with special reference to NROER & DIKSHA** on 24-09-2020 by Prof. Indu Kumar, Head, DICT& TD, CIET-NCERT
9. **Practice maths with freemathapp.org** on 23-09-2020 by Jai Ram, Senior Teacher, Department of Education, Rajasthan
10. **Creating interactive books using Book Creator** on 22-09-2020 by Kamal Preet, TGT, Dept of Science, Delhi Public School, Bangalore
11. **Creating Mindmap using Popplet** on 21-09-2020 by Chitra Sehgal, ICT Teacher, Genesis Global School, Noida
12. **Creating Animation using Vectorian Giotto** on 18-09-2020 Sanjay Lalwani, UDT, State Awardee Teacher, Madhya Pradesh
13. **Creating Assignment and Documents via MATHTYPE** on 17-09-2020 by Dr. Vandana Bansal, Head of Mathematics Department and Associate Professor

14. **Creating Interactives using Thinglink** on 16-09-2020 by Krupali Rathin Sanghvi, National ICT Awardee, Udgam School for Children, Ahmedabad, Gujarat,
15. **Creating Mind Map using InfoRapid Knowledge base Builder** on 15-09-2020 by Elavarasan R, Graduate Teacher, Panchayat Union Middle School - Vedapatti, Salem, Tamilnadu.
16. **Creating Graphics using Autodesk SketchBook** on 14-09-2020 by Pradeep Negi, National ICT Awardee, Lecturer- Economics, Model Government Inter College Bhel Haridwar.
17. **Creating mindmap using Mindmeister** on 09-09-2020 by Dr Sonam Bansal, Assistant Professor, Rao Lal Singh College Of Education, Sidhrawali, Haryana
18. **Creating charts using live.amcharts** on 08-09-2020 by Dr. Deepa Bisht, Assistant Professor, Sivanthi College of Education, Chennai (Tamilnadu)
19. **Building community for Remote Learning on ClassDojo** on 07-09-2020 by Manohar S, Panchayat Union Primary School, Velliyana, Tamilnadu
20. **Creating Animation using Powtoon** on 04-09-2020 by Dr. Praveen Kumar T D, Assistant Professor, Vijaya Teachers College, Jayanagar, Bengaluru.
21. **Creating Infographic Using Piktochart** on 03-09-2020 by S. RAJA KUMAR, Assistant Professor of Education Thiagarajar College of Preceptors, Madurai, Tamil Nadu
22. **Exploring with AR** on 02-09-2020 by Dr. Yash Paul Sharma, ICT Consultant, CIET-NCERT
23. **Coggle- A Mind Mapping Tool** on 01-09-2020 by Dr.Ravi Kumar Kola, School Assistant- English, ZPHS Shaipet, Dharmasagar, Warangal Urban, Telangana
24. **Creating Mindmaps using Venngage** on 31-08-2020 by Sucharita Mohapatra, Student Teacher, S.N.D.T. College of Education, Pune
25. **Creating Digital Story using Olive** on 30-08-2020 by Muralidhar Shingri, National ICT Awardee
26. **CK12- A Content Hub** on 29-08-2020 by Amaravaju Laxminatham, School Assistant-Physical Sciences, Education Department, ZPHS Indalwai, Indalwai Mandal, Nizamabad, Telangana
27. **Creating Interactive Presentation using Zeetings** on 28-08-2020 by Anjali khurana, ICT Consultant, DICT& TD, CIET-NCERT
28. **Canvas - A Learning Management System** on 27-08-2020 by Dr. Banti Ganguly, Assistant Professor, Department of Chemistry, Bir Bikram Memorial College, Agartala, Tripura
29. **Creating Learning Resource using Smore** on 26-08-2020 by Surbhi, ICT Consultant, DICT& TD, CIET, NCERT
30. **Creating Interactive Worksheets using LiveWorksheets.com** on 25-08-2020 by Arumugam Munusamy, Graduate Teacher-English, Panchayat Union Middle School, Mothaiyanur, Sankari Taluk, Salem, TamilNadu.
31. **Creating Interactive Games using Learningapps.org** on 24-08-2020 by R. Jaganthan, Secondary Grade Teacher, PUMS Ganesapuram, Polur, Tiruvannamalai
32. **Creating Assessment using Quizlet** 23-08-2020 by Sunita Singh, PGT Computer Science, G D Goenka Public School, Gurugram
33. **Interactive Open Board** on 22-08-2020 A.Rajendra Prasad, School Assistant- Mathematics, ZPHS Thangad Pally, Telangana
34. **Creating Assessments using Microsoft Forms** 21-08-2020 by Rachita Khurana, PGT- Computer Science, Bharatiya Vidya Bhavan's Bhavan Vidyalaya, Panchkula, Haryana
35. **Creating Interactive Content using Genially** on 20-08-2020 by K Manjula, School Assistant-Biology, ZPHS Palasamudram, Anantapur(D), Andhra Pradesh
36. **Creating Assessment using Testmoz** on 19-08-2020 by Pramod Kumar Malik, Lecturer, SCERT Delhi
37. **Creating Animations using Render Forest** 18-08-2020 by Dr. Praveen Kumar T D, Assistant Professor, Vijaya Teachers College, Jayanagar, Bengaluru.
38. **Collaborative Wall using LINO** on 17-08-2020 by Leena Pravinkumar Jain, Graduate Teacher (Secondary), Madhusudan Global School, Mumbai
39. **Creating Digital Lessons** on 16-08-2020 using Tes Teach by Dr. E.Sujith Gladwin, Graduate Teacher (English), S.N(Junior) Government High School, Virudhunagar, Tamil Nadu
40. **Evaluation in Mathematics using Edulastic** on 15-08-2020 by R. Adhikesavan, Post-Graduate Assistant (Mathematics), Government Higher Secondary School, Cuddalore, TamilNadu
41. **Creating Interactive Presentation** on 14-08-2020 using Sozi by K. Srinivasan, Headmaster Hindu aided primary school, Ambur, Tirupatur TamilNadu
42. **Creating Graphic Organisers using Draw.io** on 13-08-2020 by Arun Pratap Singh Kushwah, PGT- Computer Science, Kendriya Vidyalaya No- 3 Bhopal
43. **Real-Time Monitoring and Assessment** using Classkick Narasimha Murthy on 12-08-2020 by H. K., Head- ICT Department, Daffodils English School (KA072), Sanjaynagar, Bengaluru

44. **Creating Online Charts using Meta-Chart.com** 11-08-2020 by Pradeep Negi, Lecturer- Economics, Model Government Inter College Bhel Haridwar
45. **Creating Educational Videos using Loom** on 10-08-2020 by L.Rajeshwari, PGT Computer Science, SNDJA Vivekananda Vidyalaya Senior Secondary School, ChennaiCreating Graphic Organisers using Draw.io on 09-08-2020 by Mr.Arun Pratap Singh Kushwah, PGT- Computer Science, Kendriya Vidyalaya No- 3 Bhopal
46. **Collaboration through Padlet** on 08-08-2020 by Ms. V Padma Priya, School Assistant-Mathematics, Government Nehru Memorial High School, Malakpet, Hyderabad, Telangana
47. **Visual Collaboration using Concept Board** on 07-08-2020 by Ms. Vandana M, Research Scholar, NCERT Doctoral Fellow, Department of Education, Bangalore University, Bangalore
48. **Twitter for Teaching and Learning** on 06-08-2020 by Ms. Manu Gulati, National ICT Awardee
49. **OBS Studio: A Tool for Live Streaming and Recording** on 05-08-2020 by Mr. Rupraj Dey, Graduate Teacher (Science), Adarsh Vidyalaya, Mandia, Assam
50. **Assessment through Exam.net** on 04-08-2020 by Ms. Suman Purohit Das, Principal, The Iconic School, Bishen Khedi, Bhopal
51. **Go-Lab Ecosystem for Online Teaching** on 03-08-2020 by Mr. V. Lazar Ramesh, National ICT Awardee
52. **Making Mathematical Games using TARSIA** on 02-08-2020 by Ms. Himani Asija, National ICT Awardee
53. **Visualising Maths using KmPlot** on 01-08-2020 by Mr.Ramesh Badoni, National ICT Awardee
54. **Integrated Notebook using OneNote** on 31-07-2020 by Ms. Ritu Ranjan, HOD (Computer Science), Indraprastha World School, Delhi
55. **Online Assessment tool: thatquiz.org** on 30-07-2020 by Ms. Maram Pavithra, School Assistant Bioscience, ZPHS, Gaddipally, Suryapet, Telangana
56. **Quizzes on WordWall** on 29-07-2020 by Ms. P.Deepti, HOD (Computer Science), M.L.Khanna DAV Public School, Dwarka, New Delhi
57. **Creating Mindmap using Mindomo** on 28-07-2020 by Mr. R.Gopinath, Secondary Grade Teacher, Panchayat Union Primary School, Ondikuppam, Tiruvallur
58. **Creating Presentation using Prezi** on 27-07-2020 by Mr. G. Karthikeyan, Secondary Grade Teacher, Tiruvallur, Tamil Nadu
59. **Creating Presentation using Sway** on 26-07-2020 by Mr. Kaushal Sen, TGT Mathematics, Presentation Convent Senior Secondary School, Delhi
60. **Active Presenter** on 25-07-2020 by Mr.Soma Sekhar, Secondary Teacher-Mathematics, Municipal High School, Kadiri, Anantapur, Andhra Pradesh
61. **Beaker** on 24-07-2020 by Mr. Karunaidoss P, National ICT Awardee
62. **Molecular Workbench- Interactive Simulations for Teaching & Learning Science** on 23-07-2020 by Ms. Sarita Tejwani, National ICT Awardee
63. **Explore ChemsSketch** on 22-07-2020 by Ms. Anjali khurana, ICT Consultant, CIET-NCERT
64. **Explore Physics through Vascak** on 21-07-2020 by Mr. Sakthivel Murugan, National ICT Awardee
65. **Explore Physics with Algodoo** on 20-07-2020 by Mr. Om Prakash Patidar, National ICT Awardee
66. **Explore Science with PhET** on 19-07-2020 by Ms. Kabita Kar, National ICT Awardee
67. **Explore Science with Stellarium** on 18-07-2020 by Mr. Shambulingaiah K, National ICT Awardee
68. **Explore Chemistry with Avagadro** on 17-07-2020 by Dr. Anand Arya, Associate Professor, RIE, Ajmer
69. **Explore Chemistry with Kalzium** on 14-07-2020 by Dr. Pratibha Kohli, Principal, Maharaja Agrasen Model School, Delhi
70. **Explore JMOL** on 13-07-2020 by Dr. Deepty Gupta, Assistant Professor, CIET-NCERT
71. **Application of Geogebra in Other Branches** on 12-07-2020 by Prof Sukesh A, Assistant Professor, Government College of Engineering, Kannur, Kerala
72. **Illumination: Drawing Tool in Mathematics** on 11-07-2020 by Ms. Rashmi kathuria, Supervisory Head, Kulachi Hansraj Model School, New Delhi
73. **Explore Desmos** on 10-07-2020 by Ms. Himanshi Bhatia, Assistant Professor, CIET-NCERT
74. **Robocompass : A Mathematics Construction Tool (Hindi)** on 09-07-2020 by Mr. Ashutosh Anand, National ICT Awardee
75. **Graspable Math with Geogebra** on by Mr. S Ganesh, BT Teacher, PUM School, Kilariyam, Tamil Nadu
76. **Dynamic Mathematics using Geogebra - 3D** on 07-07-2020 by Mr. R Ramanujam, PGT, MNKM Govt HSS, Pulapatta, Kerala
77. **Dynamic Mathematics using Geogebra - 2D** on 06-07-2020 by Mr. Madhu B, Assistant Professor, RIE, Mysore
78. **Explore Google Earth** on 05-07-2020 by Mr. Hoshiar Singh Vats, HOD (Social Science), Pragati Public School, Dwarka, New Delhi
79. **Explore Marble** on 04-07-2020 by Dr. Nidhi Singh, Assistant Professor, CIET-NCERT

80. **Explore QGIS** on 03-07-2020 by Ms. Nidhi Gusain, ICT Consultant, CIET- NCERT
81. **Creating Assessment using Socrative** on 02-06-202 by Dr. Thiyagu K, Assistant Professor, Central University of Kerala
82. **Creating Quiz using Kahoot** on 01-06-2020 by Mr. M. Vijayakumar, National ICT Awardee
83. **Creating Quiz using Google Forms** on 31-05-2020 by Mr. Ajith Kumar C, Assistant Professor, IGNOU,
84. **Formative Assessment using Goformative** on 30-05-2020 by Ms. Sona O K, ICT Awardee
85. **Creating Quiz using Quizizz** on 29-05-2020 by Mr. Mohan K R, ICT Awardee
86. **Creating Assessment using Hot Potatoes** on 28-05-2020 by Dr. Nisha Singh, Deputy Director, Centre for Online Education, IGNOU
87. **Creating 360 Degree Virtual Tour using H5P** on 27-05-2020 by Dr. Yash Paul Sharma, ICT Consultant, CIET-NCERT
88. **Creating Website using Google Sites** on 26-05-2020 by Ms. Chiluka Umarani, ICT Awardee
89. **Creating Graphics using Canva** on 25-05-2020 by Ms. Heman, ICT Consultant, CIET-NCERT, organized by CIET-NCERT
90. **Creating Mind map using Freemind** on 24-05-2020 by Dr. AsthaSaxena, Consultant, CIET-NCERT
91. **Creating Concept Map using Cmap** on 23-05-2020 by Dr. Monica Nagpal, Project Associate, CEMCA
92. **Creating Interactive video using H5P** on 22-05-2020 by Dr. MohdMamur Ali, Assistant Professor, Jamia Millia Islamia, New Delhi
93. **Creating Interactive using H5P- Hotspot** on 21-05-2020 by Ms. Surbhi, ICT Consultant, CIET, NCERT
94. **Creating Infographic using Easelly** on 20-05-2020 by Dr. Deepty Gupta, Assistant Professor, CIET-NCERT
95. **Creating Concept Map using VUE** on 19-05-2020 by Dr. Biju K, Assistant Professor, Central University of Tamil Nadu
96. **Creating Interactive Slide Presentation** on 18-05-2020 by Dr. R. Asir Julius, Assistant Professor, SCERT, Tamil Nadu
97. **Creating Video with Slide Presentation** on 17-05-2020 by Dr. Nidhi Singh, Assistant Professor, CIET-NCERT
98. **Educational eContent: Concept & Forms** on 16-05-202 by Prof. Indu Kumar, Head, DICT& TD, CIET-NCERT
99. **Social Media for Education** on 15-05-2020 by Ms. AjitaDeshmukh, Assistant Professor, School of Education & Research, MIT-ADT University, Pune
100. **Epathshala Apps for Education** on 14-05-2020 by Dr. Rejaul Karim Barbhuiya, Assistant Professor, CIET-NCERT
101. **Responsible Online Behaviour** on 12-05-2020 by Ms. Janice Verghese, Lead-Training and Content Development, Cyber peace foundation
102. **Safety on Social Media** on 11-05-2020 by Mr. Purnendu Singh, Director , Strategy & Operations, Cyber Peace Foundation
103. **Don't Fall for Scams, Protecting your Online Reputation** on 10-05-2020 by Mr. Lucian Teo, Education and Outreach Manager, Google
104. **Browser Safely and Protecting Online Account** on 09-05-2020 by Mr. Lucian Teo, Education and Outreach Manager, Google
105. **Using YouTube Safely & Securely** on 08-05-2020 by Ms. Akshata Udiaver, Family & Learning Content Partnerships Manager, YouTube
106. **Desktop Security** on 07-05-2020 by Mr. B. Nandeeshwar, Project engineer, C-DAC Hyderabad
107. **Secure way of using Smartphones** on 06-05-2020 by Ms. K Indraveni, Joint Director, C-DAC , Hyderabad
108. **Going Live on YouTube** on 05-05-2020 by Mr. Ganesh Pai. Founder, Don't Memorise
109. **Fighting Misinformation, Disinformation and Fake News** on 04-05-2020 by Prof. AnubhutiYadav, Head, Department of New Media, Indian Institute of Mass Communication, organized by CIET-NCERT
110. **Video Development using Kdenlive** on 03-05-2020 by Mr. NagarajuDevanapalli, Assistant Teacher, Government High School, Telangana
111. **Using Teamlinks for live classes** on 02-05-2020 by Dr. Gaurav Sharma, Assistant Professor, IGNOU, New Delhi
112. **Classroom Without Boundaries Through skype** on 01-05-2020 by Ms. Neeru Mittal, PGT, SRDAV Public School, Delhi
113. **Learning Through Olabs** on 30-04-2020 Dr. Sasikumar M, Executive Director, CDAC, Mumbai Ms. Archana Rane Sharma, Joint Director, CDAC, Mumbai
114. **metastudio.org: Learning through STEM Projects** on 29-04-2020 by Prof. Nagarjuna G, Knowledge lab, HomiBhabha Centre for Science Education, TIFR, Mumbai
115. **Google Hangout Meets for Education** on 28-04-2020 by Ms. Roopali Arora, PGT, Sanskriti School, Delhi

116. **Jitsi : An Open Source Software For Video Conferencing** on 27-04-2020 by Dr. Felix Bast, Associate Professor, Central University of Punjab organized by CIET-NCERT
117. **Collaborative e-Classroom via Teams** on 26-04-2020 by Ms. KrupaliRathinSanghvi, ICT Awardee organized by CIET-NCERT
118. **Amplifying Student Voice with Flipgrid** on 25-04-2020 by Ms. RamyaSriram, National ICT Awardee
119. **Learning through Edmodo** on 24-04-2020 by Ms. VineetaGarg, National Teachers' Awardee
120. **Google Classroom : An online LMS** on 23-04-2020 by Ms. SanchitaGhosh, HOD (History), Sanskriti School, Chanakyapuri, New Delhi
121. **Online Interactive storytelling using StorymapJS & StorylineJS** on 22-04-2020 by Mr. Raghavendra Rao, National ICT Awardee
122. **Online Interactive storytelling using TimelineJS** on 21-04-2020 by Mr. Raghavendra Rao, National ICT Awardee
123. **Creating activities in MOODLE** on 20-04-2020 by Dr Binu Thomas, Associate Professor, Marian College, Kerala
124. **Creating course in MOODLE** on 19-04-2020 by Prof. R C Sharma, Professor, Dr Ambedkar University, New Delhi
125. **Assistive Technology in Education** on 18-04-2020 by Dr. Sanjay Kumar Pandagale, Associate Professor, RIE Bhopal
126. **Developing Mobile Apps – II** on 17-04-2020 by Mr. Imran Khan, National ICT Awardee
127. **Developing Mobile Apps – I** on 16-04-2020 by Mr. Imran Khan, National ICT Awardee
128. **OER with special reference to NROER & DIKSHA** on 15-04-2020 by Prof Indu Kumar, Head, DICT& TD, CIET-NCERT organized by CIET-NCERT
129. **Open Educational Resources** on 14-04-2020 by Dr. Manas Ranjan Panigrahi, Senior Programme Officer, CEMCA
130. **Organising Digital Resources using Wakelet** on 13-04-2020 by Ms. ChandniAgarwal, National ICT Awardee
131. **Presentation of Data - Using Spreadsheets** on 12-04-2020 Mr. ChanchalDass, FIE organized by CIET-NCERT
132. **Learner Collaboration through Google Drawing and Jamboard** on 11-04-2020 by Dr. Jayashree Shinde, Director, Teaching Learning Centre, Dept. of ET, SNDT Women's University, Mumbai
133. **Web Tools for Teaching English** on 10-04-2020 by Mr. S. Dhilip, National ICT Awardee
134. **Online Assessment using ProProfs Quiz Maker** on 09-04-2020 by Ms. Suma Paul, National ICT Awardee
135. **Do More with Slides** on 08-04-2020 by Ms. Sangeeta Gulati, National ICT Awardee
136. **Getting started with Google Apps** on 07-04-2020 by Ms. Sangeeta Gulati, National ICT Awardee, NCERT

Webinars attended –Organised by CBSE, Centre of Excellence(CoE), Noida

137. Application of life skills in day to day life on 28/5/2020 by Mrs Monica Chawla
138. Joyfull Assesement of Mathematics, on 26/5/2020 by Dr. V K Misra
139. Schools Aproach towards value education on 22/5/2020 by Dr Jagdish Sharma
140. Empowering your team on 21/5/2020 by Mr Anurodh Chitra
141. Teaching Mathematics using technology, on 19/5/2020 by Dr. V K Misra

Extra-CurricularActivities

- ☞ Served as a committee member of Graduation Ceremony for Senior School
- ☞ Coordinator of Annual Science Exhibition
- ☞ Conducted many labs at school level to create enthusiasm for Science and technology
- ☞ Conducted many workshops for training new teachers
- ☞ Member of the Discipline committee

Personal Dossier

Date of Birth	:	10 th June, 1980
Marital Status	:	Single
Nationality	:	Indian
Sports	:	Badminton and Skating
Hobbies	:	Reading Harry Potter novel and watching Si-Fi movies

Passport Details : L5933570, Date of Expiry: 25/02/2024, Date of Issue: 26/02/2014, Place of Issue: Jeddah, Saudi Arabia
 Location Preference : Any

My Views and Pedagogy

Educators, in addition to being professionals, are expected to be role models for their learners. To enhance creative minds, maintain a rigorous and engaging classroom that encourages critical thinking, communication, collaboration and creativity. Incorporating technology is an add-on advantage to improve teaching and learning practices. Chemistry is in every aspect of our lives. From our bodies which are made up of chemical compounds to the food we eat, the drinks we drink, the air we breathe, the soap and toothpaste we use every morning, and how we fall asleep after long day. The question remains, how we can translate this for our students efficiently? What does it take to make a classroom exciting to students? How can we make a simple chemistry class more effective? The answer lies in experiential lesson plans along with an activity sheet and assignments, to use in classrooms to bring the subject to life for learners. Also to include interesting everyday examples of how chemistry permeates every aspect of our lives. To keep learners updated the latest information in the field of chemistry, which will help learners to inform, inspire and simulate new thinking and ideas across the community. So by finding new and imaginative ways of communicating passion of chemistry to the learners is the ultimate motto of my life.

Details of Examination Passed

Name of Examination	Examination Body	Subjects	Year of Passing	Marks obtained/ Maximum Marks	Percentage (%)	Division
Doctor of Philosophy (PhD)	Aligarh Muslim University, Aligarh, India	Applied Chemistry	2007	—	—	Awarded
Master of Philosophy (MPhil)	Aligarh Muslim University, Aligarh, India	Applied Chemistry	2004	396/500	79.2	Awarded
Master of Science (Analytical Chemistry) (MSc)	Aligarh Muslim University, Aligarh, India	Organic Chemistry Inorganic Chemistry Physical Chemistry Analytical Chemistry-(Instrumental Methods of Analysis-I, Instrumental Methods of Analysis-II, Ionic Equilibria & selected method of Analysis, Polymer & their Characterization, Recent advances on Ion exchange, Electro Chemical method of Analysis)	2002	1179/1450	81.3	I (2nd Rank)
Bachelor of Science (Honours in Chemistry) (BSc)	Aligarh Muslim University, Aligarh, India	Physics-(Electricity & Magnetism, Mechanics, Electronic and Optics and Electromagnetic theory) Mathematics-(Calculus & Differential Equations, Coordinate Geometry & Trigonometry, Algebra-I, Differential Equations & Numerical Analysis) Chemistry-(Organic, Inorganic, Physical, Analytical and Applied Chemistry) Computer Programming	2000	1008/1500	67.2	I
Intermediate (12 th)	Uttar Pradesh Board, India	Physics, Chemistry, Mathematics, English and Hindi	1996	304/500	60.8	I
High School (10 th)	Uttar Pradesh Board, India	English, Mathematics, Science, Biology Social Science and Hindi	1994	327/600	54.5	II

Research Related Achievements

Department of Applied Chemistry, Faculty of Engineering and Technology, Aligarh Muslim University, Aligarh (India) from Jul'02 to Jul'07

- ↳ Worked on project, "Ion Exchange Characterization Studies of some Hybrid Fibrous Material and their Environmental Applications".
- ✓ The project was funded by Ministry of Environment and Forests, New Delhi, India and executed under the guidance of Prof. K.G. Varshney (Principal Investigator).

Research Publications

1. "Pyridine based Cerium (IV) Phosphate Hybrid Fibrous Ion Exchanger: Synthesis, Characterization and Thermal Behaviour", K.G. Varshney, Arun Agrawal and S. C. Mojumdar, Journal of Thermal Analysis and Calorimetry, 90(3), (2007) 731-734, Hungary.
2. "Pyridine based Thorium (IV) Phosphate Hybrid Fibrous Ion Exchanger: Synthesis, Characterization and Thermal Behaviour", K.G. Varshney, Arun Agrawal and S. C. Mojumdar, Journal of Thermal Analysis and Calorimetry, 90(3), (2007) 721-724, Hungary.
3. "Cellulose Acetate based Thorium (IV) Phosphate as a New and Novel Hybrid Fibrous Cation Exchanger: Synthesis, Characterization and Thermal Analysis", K. G. Varshney, M. Drabik and Arun Agrawal, Indian Journal of Chemistry (A), 45A, (2006) 2045-2047, India.
4. "Pyridine based Zirconium (IV) and Tin (IV) Phosphates as new and novel Intercalated Ion Exchangers: Synthesis, Characterization and Analytical Applications", K. G. Varshney, V. Jain, Arun Agrawal and S. C. Mojumdar, Journal of Thermal Analysis and Calorimetry, 86(3), (2006) 609-621, Hungary.
5. "Synthetic and Ion-Exchange Studies on a lead selective Acrylamide Thorium (IV) Phosphate Hybrid Fibrous Ion-Exchanger", S.C. Mojumdar, K.G. Varshney, P. Gupta and Arun Agrawal, Research Journal of Chemistry and Environment, 10(2), (2006) 85-89, India.
6. "Hybrid Fibrous ion exchange materials: Past, Present and Future" (Review Article), S. C. Mojumdar, K.G. Varshney and Arun Agrawal, Research Journal of Chemistry and Environment, 10(1), (2006) 89-103, India.
7. "Pectin based Cerium (IV) and Thorium (IV) Phosphates as Novel Hybrid Fibrous Ion Exchangers: Synthesis, Characterization and Thermal behavior", K.G. Varshney, Arun Agrawal and S. C. Mojumdar, Journal of Thermal Analysis and Calorimetry, 81, (2005) 183-189, Hungary.
8. "Synthesis, Ion-Exchange and Physio-Chemical Studies on Polystyrene Cerium (IV) Phosphate Hybrid Fibrous Ion-Exchanger", K.G. Varshney, N. Tayal, P. Gupta, Arun Agrawal and M. Drabik, Indian Journal of Chemistry (A), 43A, (2004) 2586-2589, India.

Research Papers Presented

1. "Pyridine based Tin (IV) Phosphate as a new and novel Hybrid Ion Exchanger: Synthesis, Characterization and Analytical Applications", 24th Annual Conference of Indian Council of Chemists, Dec. 16-18, 2005, Birla Institute of Technology, Mesra, Ranchi, India.
2. "Pyridine based Zirconium (IV) Phosphate as a new and novel hybrid ion exchanger: Synthesis, Characterization and Analytical Applications", International Conference on "Sustainable Development & Resource Utilization: Current Trends & Perspectives", Sep 23-25, 2005, University of Rajasthan, Jaipur, India.
3. "Synthesis, Characterization and ion-exchange Properties of Pectin based Cerium (IV) and Thorium (IV) Phosphates: New and Novel Fibrous Hybrid Ion Exchangers", 41st Annual Convention of Chemists, Dec. 23-27, 2004, Delhi University, Delhi, India.
4. "Pyridine based Cerium (IV) and Thorium (IV) Phosphates as new and novel hybrid fibrous ion exchangers: Synthesis, Characterization and Ion-Exchange Behaviour", 23rd Annual Conference of Indian Council of Chemists, Oct. 29-31, 2004, K.C. College, Churchgate, Mumbai, India.
5. "Synthesis, Characterization and Ion-Exchange Behaviour of Styrene based Cerium (IV) Phosphate as a New Fibrous Cation Exchanger", 40th Annual Convention of Chemists, Dec. 23-27, 2003, Bundelkhand University, Jhansi, India.
6. "Pectin based Thorium (IV) Phosphate as a new and novel ion exchange material: Synthesis and Characterization", 22nd Annual Conference of Indian Council of Chemists, Oct 17-19, 2003, held at Indian Institute of Technology, Roorkee, India.
7. "Synthetic and Ion-Exchange studies on a lead selective Acrylamide Thorium (IV) Phosphate Hybrid Fibrous Ion-Exchanger", National Symposium on Biochemical Sciences: Health and Environmental Aspects (BSHEA-2003), Oct 2-4, 2003, Dayalbagh Educational Institute, Dayalbagh, Agra, India.

Symposia/ Conferences/ Conventions Attended

1. **24th Annual Conference of Indian Council of Chemists**, Dec. 16-18, 2005, Birla Institute of technology, Mesra, Ranchi, India.
2. **International Conference on “Sustainable Development & Resource Utilization: Current Trends & Perspectives”**, Sep 23-25, 2005, University of Rajasthan, Jaipur, India.
3. **41st Annual Convention of Chemists**, Dec. 23-27, 2004, Delhi University, Delhi.
4. **23rd Annual Conference of Indian Council of Chemists**, Oct. 29-31, 2004, K.C. College, Churchgate, Mumbai, India.
5. **40th Annual Convention of Chemists**, Dec. 23-27, 2003, Bundelkhand University, Jhansi, India.
6. **22nd Annual Conference of Indian Council of Chemists**, Oct. 17-19, 2003, at Indian Institute of Technology, Roorkee, India.
7. **National Symposium on Biochemical Sciences: Health and Environmental Aspects (BSHEA-2003)**, Oct. 2-4, 2003, Dayalbagh Educational Institute, Dayalbagh, Agra, India.

Awards Received

- ✎ **Young Scientist Award** titled:
 - ✓ “Professor V. Pandu Ranga Rao Award” in 2004 in Analytical and Environmental Chemistry Section from Indian Chemical Society, Kolkata for the research paper presented in 41st Annual Convention of Chemists, Delhi University, Delhi, India.
 - ✓ “Dr. Upadhyayula Annapurna and Satyanarayana Memorial Award” in 2003 in Analytical and Environmental Chemistry Section from Indian Chemical Society, Kolkata for the research paper presented in 40th Annual Convention of Chemists, Bundelkhand University, Jhansi, India.

Professional Affiliations with Scientific Societies

- ✎ Indian Council of Chemists, Agra, India, LF 858.
- ✎ Indian Chemical Society, Kolkata, India, F/6534 (LM) 2004.
- ✎ Indian Society of Analytical Scientists, Mumbai, India, LM 1950.
- ✎ Indian Science Congress Association, Kolkata, India, LM 10776.
- ✎ Indian Association of Chemistry Teachers, Mumbai, India, LM 339

Books Edited

- ✎ “Nobel Prize Winners in Physiology or Medicine” 2007, APH Publishing House, New Delhi, India.
- ✎ “Nobel Prize Winners in Physics” 2005, APH Publishing House, New Delhi, India.
- ✎ “Nobel Prize Winners in Chemistry: 1901 – 2002”, 2004, APH Publishing House, New Delhi, India.
- ✎ “Nobel Prize Winners At a glance” APH Publishing House, New Delhi, India (in press).

Extramural Activities

- ✎ Made a claim for both “**Limca Book of Records**” and “**Guinness Book of World Records**” for a record in the fast recalling all the chemical elements of Periodic Table in a record time of 24.9 sec.
- ✎ Reading and collecting information about scientists in general and about Nobel Laureates in particular.
- ✎ Guiding students of Chemistry, appearing for competitive exams (IIT, AIEEE, PMT, SAT-II, etc.).
- ✎ Learned Memory Techniques and Neuro Linguistic Programming (NLP).