


Curriculum Vitae

Title	Lt. (DR)	First Name	JYOTI	Last Name	SINGH	Photograph
Designation	ASSISTANT PROFESSOR					
Address	Department of Chemistry, Hansraj College, University of Delhi. Delhi 110 007					
Phone No . Office	011 – 2766 7548					
Residence	-					
Mobile	9899541219					
Email	jyoti011@gmail.com ; jyotisingh@hrc.du.ac.in					
Web-Page	-					
Educational Qualifications						
Degree	Institution				Year	
Ph.d	Department of Chemistry, University of Delhi				2012	
M.Sc (Chemistry)	Ramjas College, University of Delhi				2006	
B.Sc (H) Chemistry	Ramjas College, University of Delhi				2004	
B.Ed	GGSIPU				2007	
Career Profile						
<ol style="list-style-type: none"> 1. Working as Assistant Professor in Department of Chemistry, Hansraj College, University of Delhi from December 2010 to till date. 2. Worked as Assistant Professor (Ad-hoc) in Department of Chemistry, Kalindi College, University of Delhi from November 2009 to December 2010 						

Administrative Assignments

- 1. Teacher-in-charge (2021-2022)**
- 2. Member – ICT enabling committee (2020-2021)**
- 3. Member – Student welfare Committee (2020-2021)**
- 4. Secretary – Department of Chemistry (2020-2021)**
- 5. Convener – Instrumentation, Department of Chemistry (2020-2021)**
- 6. Member – Library, Department of Chemistry (2020-2021)**
- 7. Member - ICT enabling committee (2019 – 2020)**
- 8. Convener – Instrumentation, Department of Chemistry (2019-2020)**
- 9. Member – Library, Department of Chemistry (2019-2020)**
- 10. Admission Incharge – B.Sc (H) Anthropology (2018-2019)**
- 11. Convener – Instrumentation, Department of Chemistry (2018-2019)**
- 12. Member – Library, Department of Chemistry (2018-2019)**
- 13. ANO, (Associate NCC officer) – NCC Girls (SW) unit of College since April 2018**
- 14. Convener – Instrumentation, Department of Chemistry (2017-2018)**
- 15. Member – Library, Department of Chemistry (2017-2018)**
- 16. Caretaker - NCC Girls Unit since June 2016 till March 2018, After this appointed as Associate NCC Officer**
- 17. Convener – SC/ST Cell (2016-2017)**
- 18. Convener – Chemical Society, Department of Chemistry (2016 – 2017)**
- 19. Member – Apparatus Store (2016 – 2017)**
- 20. Member – SC/ST Cell (2015-2016)**
- 21. Convener - Chemical Society, Department of Chemistry (2015-16)**
- 22. Member – Apparatus Store (2015 – 2016)**
- 23. Member – Garden Committee (2015-2016)**
- 24. Member - SC/ST Cell (2014-2015)**
- 25. Member – ECA (2014-2015)**
- 26. Member – English Debating Society (2014-2015)**
- 27. Member – Canteen committee (2013-2014)**
- 28. Member – Scrutiny Committee for Forms of Candidate who applied for the Post of**

<p>Assistant Professor in Department of Chemistry, Hansraj College (2013-2014).</p> <p>29. Member – Coordination Committee for online-offline submission of Forms (2013-2014).</p> <p>30. Member – Canteen committee (2012-2013)</p> <p>31. Convener – Library Committee, Department of Chemistry (2012-2013)</p> <p>32. Member – Apparatus Store, Department of Chemistry (2012-2013)</p> <p>33. Member – Apparatus Store, Department of Chemistry (2012-2013)</p> <p>34. Member – Chemical Society, Department of Chemistry (2011-2012)</p>
<p>Areas of Interest / Specialization</p>
<p>Physical Chemistry, Computational Chemistry</p>
<p>Subjects Taught</p>
<p>Undergraduate level</p> <ol style="list-style-type: none"> 1. B.Sc (H) Chemistry – Ist year, IInd Year, IIIrd Year 2. B.Sc (Life Science) - Ist year, IInd Year, IIIrd Year 3. B.Sc (Physical Sciences) - Ist year, IInd Year, IIIrd Year 4. B.Sc(H) Physics - Ist year 5. B.Sc (Applied Physical Science) - Ist year, IInd Year, IIIrd Year <p>Topics undertaken</p> <p>Gaseous State, Liquid State, Solid State, Ionic equilibrium, Chemical Thermodynamics, System of Variable Composition, Chemical Equilibrium, Solutions, Colligative Properties, Phase Equilibria, Surface Chemistry, Conductance, Chemical Kinetics, Molecular Spectroscopy, Molecular modeling and drug design.</p>
<p>Publications Profile</p>
<ol style="list-style-type: none"> 1. Sarita Singh, Jyoti Singh, Sunita Gulia, and Rita Kakkar, Metal Ion Selectivity of Kojate Complexes: A Theoretical Study <i>Journal of Theoretical Chemistry</i> Volume 2013, Article ID 342783, 9 pages. 2. Pragati Malik, Jyoti Singh and Rita Kakkar , A review on CdSe quantum dots in sensing, <i>Adv. Mat. Lett.</i> 2014, 5(11), 612-628.

3. Rakhi Thareja, Jyoti Singh, Rita Kakkar, Interaction of CdSe Quantum Dots with some aliphatic and aromatic diamines, *Journal of Integrated Science and Technology*, Vol 4, No 2 (2016).
4. Rakhi Thareja, Jyoti Singh, Rita Kakkar, Theoretical Studies of charged Cadmium Chalcogenides Quantum Dots doped with An isovalent impurity on the surface, National Conference in Chemistry – Environment and Harmonious development, Conference Proceedings, 7-8 April 2016. (ISBN: 9789385824012).
5. Abhishek Saini, Jyoti Singh, Sonu Kumar, Optically Superior Fluorescent Probes for Selective Imaging of Cells, Tumors, and Reactive Chemical Species. *Journal of organic and biomolecular chemistry*.
6. Pragati Malik, Rakhi Thareja, Jyoti Singh, Rita Kakkar. II-VI core/shell quantum dots and doping with transition metal ions as a means of tuning the magnetoelectronic properties of CdS/ZnS core/shell QDs: A DFT study. *Journal of Molecular Graphics and Modelling*. Volume 111, March 2022, 108099.
7. Jyoti Singh, Rakhi Thareja, Pragati Malik, Rita Kakkar. Size-dependent structural and electronic properties of stoichiometric II–VI quantum dots and gas sensing ability of CdSe quantum dots: a DFT study. *J Nanopart Res* 24, 33 (2022).

Book Chapter

1. Rakhi Thareja, Jyoti Singh, Prerna Bansal*. Computational tools in cheminformatics, 2012, Book:Chemoinformatics and Bioinformatics in the Pharmaceutical Sciences, Pg 105-137, Elsevier.

Conference Organization/ Presentations

1. Participated in National workshop on Role of Analytical Techniques in Industry held on 21-22 January 2010 organized by ISAS, Delhi Chapter and Kirori Mal College.
2. Participated in 13th ISCB International Conference on Interplay of Chemical and Biological Sciences: Impact on Health and Environment organized by Department of Chemistry, University of Delhi from 26th Feb to 1st March 2009.

- 3. Participated in Workshop on Information Literacy & Competency organized by Delhi University Library System, University of Delhi on 23rd February, 2010.**
- 4. Participated in ICT workshop for Capacity Building of Delhi university Faculty organized by ILLL, University of Delhi from 16th April – 28th April , 2010**
- 5. Participated in National Workshop on Renewable Energy & Environment organized by Dept of Chemistry, Ramjas College on 28th - 29th January 2011.**
- 6. Participated in National workshop on Role of Analytical Techniques in Biological and Environmental Sciences held on 27-29 January 2011 organized by ISAS, Delhi Chapter and Kirori Mal College.**
- 7. Presented a Poster in International Symposium on Challenges in Drug Discovery Programme-2011 organized by Karnataka State Open University, Mysore in February 16 and 17 , 2011.**
- 8. Participated in Workshop on Information Literacy & Competency organized by Delhi University Library System, Univ of Delhi on 14th March, 2011.**
- 9. Participated in National Seminar on Alternative Energy Resources for sustainable Environment organised by Dept of Chemistry, Lingaya's University and ISAS, Delhi Chapter on 6th May, 2011.**
- 10. Organizing Member in DBT sponsored workshop on Relevance of Experimental chemistry to Biotechnology from March 12 to March 12, 2014 held at Department of Chemistry, Hansraj College.**
- 11. Participated in the Workshop on Electronic Structure, Atomistic and statistical Modeling in Chemistry, Materials and Life Sciences organized by Department of Chemistry, university of Delhi and Royal Society of Chemistry London and Schrodinger GmbH, Bangalore, India from 8th to 10th October 2014.**
- 12. Participated in MHRD funded “National Workshop on Role of Technical Terminology in Higher Education” (23-24 July, 2015) in Hansraj College, University of Delhi.**
- 13. Organizing Member in Indo-Portuguese Workshop on Emerging Trends of Nanotechnology in Chemistry and Biology organized by Department of Chemistry, Hansraj College and Deshbandhu College in association with CQM University of Madeira, Portugal from 12th to 13th February 2016.**

- 14. Organizing Member in the National Seminar on “Role of Analytical Sciences in Sustainable Development organized by Hansraj college and ISAS – DC Petrotech Society of India held at Hansraj College from 4 to 5th March 2016.**
- 15. Participated in Workshop on “ Computer Aided Molecular Modeling and Drug Discovery organised by Department of Chemistry ,St. Stephens College and Schrodinger GmbH, Bangalore from 25 July to 26th July 2016.**
- 16. Participated in the National Seminar on “ Recent Innovations in Chemical Science and Environmental Technology” organized by Sri Aurobindo College,Univ Of Delhi from 3rd to 4th March 2017.**
- 17. Resource Person for “One Day workshop on Chemical Laboratory Working Skills And Safety Education organized for Non Teaching Staff of Chemistry Staff organized by IQAC and Department of Chemistry on 17th July 2017”**
- 18. Guided DBT Project “Using generalized methods to obtain result of different wave function at corresponding energy levels (BASIC and Microsoft Excel)”.**
- 19. Guided DBT project “Design optimization of cost effective automated conductivity cell”**
- 20. Resource person for DBT sponsored workshop on “Lab Analysis of Water Quality Parameters on 18th September 2017 in department of Chemistry, Hansraj College.**
- 21. Resource person in the INSPIRE Programme (DST) held at Hansraj College, University of Delhi from 12th December 2017 to 16th December 2017.**
- 22. Appointed Associate NCC officer (ANO) after completing three months training at NCC officers training institute at Gwalior from 15th Jan to 14th April 2018.**
- 23. Participated in “Emerging Trends and Advances in Chemical Sciences (ETACS) from 25th to 26th September 2018 organized by Chemistry Department, St Stephen’s College.**
- 24. Attended “Ek Bharat Shreshta Bharat Camp-Jaisalmer (Rajasthan) from 12th November to 23rd November 2018 organized by 7 Raj BN NCC, Bikaner(RAJ), Jodhpur Group, NCC DTE Rajasthan.**
- 25. Participated in Two week Faculty Development Programme on “Challenges before the academia in the era of Gadgets, E-communication and AI (interdisciplinary) from 15th to 28th December 2018 organized by Mahatma Hansraj Faculty**

Development Centre, Hansraj College.

26. Member of Organizing Committee for 1st International Conference on Integrative Chemistry, Biology and Translational Medicine organized by Centre for Global Health, Hansraj College University & Loyola University Chicago Stritch School of Medicine, USA from 25th to 26th February 2019.
27. Presented a Poster title “DFT Studies of CdSe Quantum Dots as sensor for Glucose” in the 1st International Conference on Integrative Chemistry, Biology and Translational Medicine organized by Centre for Global Health, Hansraj College University & Loyola University Chicago Stritch School of Medicine, USA from 25th to 26th February 2019.
28. Participated in Two Days Faculty Development Programme on “Agriculture Health and Society” from 15th to 16th March 2019 organized by Mahatma Hansraj Faculty Development Centre, Hansraj College.
29. Successfully completed the online refresher Course in Chemistry for Higher Education Faculty offered by Sri Guru Teg Bahadur Khalsa College, Delhi through the online exam held on 30.3.2019.
30. Participated in National Seminar on “ Blended learning in Chemistry” organized by Guru Angad Dev Teaching Learning Centre of MHRD,SGTBT Khalsa College, University of Delhi on 28th May 2019.
31. Participated in one week Faculty Development Programme on “ICT in Education and Cyber Security” from 10th to 16th July 2019 organized by Mahatma Hansraj Faculty Development Centre, Hansraj College.
32. Participated as working group member in Chemistry Undergraduate Curriculum revision based on learning Outcome-based Curriculum Framework(LOCF).
33. Resource Person for Workshop on “Hands on Training Programme for Laboratory Staff” held on 13th June and 15th June 2019 at Department of Chemistry, Hansraj College.
34. Presented a Poster title “CdSe quantum dots as sensors for detection of various gas molecules” in the 2nd National conference on Science and Technology for rural development” held at Department of Chemistry, M.D. University, Rohtak on October 14-15, 2019.

- 35. Participated in one day workshop on “Soft skill Development in New Age Teaching” on 19th October 2019 organized by Mahatma Hansraj Faculty Development Centre, Hansraj College.**
- 36. Resource person for the orientation Capsule on following topics: on 5th November 2019 at 1 Delhi Girls battalion, Kashmere Gate.**
- (i) Do’s & don’t of ANO**
 - (ii) Training in NCC**
- 37. Organizing Member in the National Seminar on “Environment and Sustainability in the third world” organized by Department of Chemistry & IQAC, Hansraj college, University of Delhi on 28th Feb 2020.**
- 38. Participated in ACS workshop on “Greening our Education System: Initiatives for Propagating and Preaching Beyond Benign Concepts in Classrooms and Laboratories” held on 19th December 2019 at Conference Centre, University of Delhi by ACS International Student Chapter, University of Delhi, India, Green Chemistry Network Centre, University of Delhi & Hindu College, University of Delhi.**
- 39. Presented a Poster on the title “A DFT study of size dependent structural and electronic properties of stoichiometric ZnS, ZnSe and ZnTe quantum dots” in the 1st International Conference Of Indian Science Congress Association – Rohtak Chapter On “Science & Technology: Rural Development”(Icstrd-2020), 4th – 5th , March 2020 organized by The Department Of Chemistry, Maharshi Dayanand University, Rohtak-124001, Haryana.**
- 40. Participated in the Webinar on “Molecular Visualization Series 1 on Learning Chemistry through ODYSSEY Software” organized by Department of Chemistry, Hindu College in collaboration with Wavefunction Inc. USA and Neotel System and Services on 6th April 2020.**
- 41. Participated in Faculty Development Programme: National Webinar entitled “ICT enabled Higher Education in India: Challenges and Opportunities” organized by Guru Angad Dev Teaching Learning Centre of MHRD,SGTBT Khalsa College, University of Delhi on 13th April 2020.**
- 42. Participated in Faculty Development Programme: National Webinar entitled**

“Development of Higher Education in India: An overview” organized by Guru Angad Dev Teaching Learning Centre of MHRD,SGTBT Khalsa College, University of Delhi on 16th April 2020.

43. Participated in One Day Webinar on “Teachers and Technology: The Road Ahead” organised by Mahatma Hansraj Faculty Development Centre, Hansraj College on 25th April 2020.

44. Participated in Faculty Development Programme: National Webinar entitled “Roles of Teachers in Technology Driven Higher Education” organised by Guru Angad Dev Teaching Learning Centre of MHRD, SGTBT Khalsa College, University of Delhi on 25th April 2020.

45. Participated in Faculty Development Programme: National Webinar entitled “Development of Teacher’s e-kit - Chemistry” organised by Guru Angad Dev Teaching Learning Centre of MHRD, SGTBT Khalsa College, University of Delhi on 27th April 2020.

46. Participated in Faculty Development Programme: Motivational National Webinar entitled “Towards Excellence in Higher Education in India in the 21st Century: Challenges and Opportunities” organised by Guru Angad Dev Teaching Learning Centre of MHRD, SGTBT Khalsa College, University of Delhi on 29th April 2020.

47. Participated in One Day Webinar on “Leadership Role in Uncertain Times” organised by Mahatma Hansraj Faculty Development Centre, Hansraj College on 30th April 2020.

48. Participated in Faculty Development Programme: Motivational National Webinar entitled “Challenges and Opportunities before Indian Higher Education due to Covid-19” organised by Guru Angad Dev Teaching Learning Centre of MHRD, SGTBT Khalsa College, University of Delhi on 2nd May 2020.

49. Participated in Faculty Development Programme: National Webinar entitled “Corona Pandemic and Economic Challenges in India” organised by Guru Angad Dev Teaching Learning Centre of MHRD, SGTBT Khalsa College, University of Delhi on 4th April 2020.

50. Participated in one day Webinar on “Covid-19: Epidemiology, Virology, Clinical Features and Treatment” organised by Department of Chemistry, Hansraj College

under DBT Star college scheme on 5th May 2020.

51. Participated in one day Webinar on “Low Pollution in India during Covid-19 Epidemic: Good News and Bad News” organised by Department of Chemistry, Hansraj College under DBT Star college scheme on 8th May 2020.
52. Participated in Three Day Webinar on “Covid 19: Challenges and Road Ahead” organised by Mahatma Hansraj Faculty Development Centre, Hansraj College from 7th -9th May 2020.
53. Participated in one Day Webinar on “Myths and Truths of fitness and corrective exercises for various body deformities” organised by Mahatma Hansraj Faculty Development Centre, Hansraj College from 12th -13th May 2020.
54. Participated in Faculty Development Programme: National Webinar entitled “e-content development methodology: Four quadrant model, OERs and copyright issues” organised by Guru Angad Dev Teaching Learning Centre of MHRD, SGTBT Khalsa College, University of Delhi on 15th May 2020.
55. Participated and completed with grade “A+” One week Faculty Development Programme: National Webinar entitled “e-content development methodology: Four quadrant model, OERs and copyright issues” organised by Guru Angad Dev Teaching Learning Centre of MHRD, SGTBT Khalsa College, University of Delhi on 21st -26th May 2020.
56. Participated in One Day Webinar on Role of ICC and Prevention, Prohibition and Redressal of Sexual Harrassment of workmen at workplace on 22nd May 2020 organized by Internal Complaints Committee in collaboration with IQAC, HANSraj College, University of Delhi, Delhi.
57. Participated in National Webinar entitled “e-content development methodology: Four quadrant model, OERs and copyright issues” organised by Guru Angad Dev Teaching Learning Centre of MHRD, SGTBT Khalsa College, University of Delhi on 27th May 2020.
58. Participated in Faculty Development Programme: National Webinar entitled “Teaching During and Post Covid Times” organised by Guru Angad Dev Teaching Learning Centre of MHRD, SGTBT Khalsa College, University of Delhi on 12th June 2020.

- 59. Participated in Webinar on “Basic documentation for teachers” organized by Hansraj College under the aegis of the UGC Paramarsh Scheme on 22nd June 2020.**
- 60. Participated in National Webinar on “Linkedin – a goldmine of golden Opportunities – How to get leverage it to get what you want” on June 27th 2020 organized by IQAC of DAV Institute of Management, NIT Faridabad.**
- 61. Successfully completed the the ARPIT Course for Career Advancement Scheme(CAS) promotion Online Refresher Course In Chemistry For Higher Education with a "A" Grade in the proctored examination held on 16.02.2020 organized by Sri Guru Tegh Bahadur Khalsa College, University of Delhi.**
- 62. Participated in National Webinar on “ICT Enabled Science Education in India” organized by Telangana Academy of Sciences, Hyderabad, TS on June 28th 2020 in collaboration with Guru Angad Dev Teaching Learning Centre of MHRD, SGTBT Khalsa College, University of Delhi.**
- 63. Participated and completed Two week “Faculty Development Programme on - Advanced Concepts on Developing MOOCs” organised by Ramanajun College, Teaching Learning Centre of MHRD, under PMMMMNMTT on 2nd July – 17th July 2020.**
- 64. Participated in Webinar on “Student Learning Centre: Objectives and Perspectives” being organised by Student Learning Centre (SLC), IQAC, Hansraj College on July 13, 2020.**
- 65. Participated in International Virtual Conference on “Modern Instrument and Characterization Techniques in Applied Sciences – 2020 (MICTAS- 2020) organized by MIET Kumaon Haldwani & Department of Chemistry, H.N.B Govt PG College, Khatima, Utrakhand in collaboration with USERC DST Dehradun & Department of Chemistry, R.H. Govt. PG College. Kashipur, Utrakhand ,India on July 5th -6th 2020 on e-platform.**
- 66. Secured Third Prize/Position (Rank) in the Oral Presentation in the one day National e-Conference on “Emerging Trends in Physical Sciences (NeETPS-2020) on 22nd July 2020 organized by Art, Science and Commerce Ramanandnagar (Burli), Tal-Palus, Dist-Sangli, Maharashtra, Affiliated to Shivaji University, Kolhapur.**

- 67. Participated in three day Webinar Series (Basic) on “Transforming Teaching Learning Process using ICT Tools” organized by IQAC, PGDAV College from 23rd July to 25th July 2020.**
- 68. Organizing Team Member for the event “Kargil Vijay Diwas” on 26th July 2020 organized by Delhi Directorate.**
- 69. Participated and completed Two week “Faculty Development Programme on – Managing online classes and co-creating MOOCs 3.0” organised by Ramanajun College, Teaching Learning Centre of MHRD, under PMMMNTT on 25th July – 10th August 2020.**
- 70. Participated in National Online Seminar on “Recent Trends in Material Research” organized by Department of Physics, Balwant College, Vita, affiliated to Shivaji University, Kolhapur on 29th July 2020 (certificate id: Y33JRU-CE000218).**
- 71. Participated in National Virtual Conference on “Recent Advances in Analytical Techniques – 2020 (RAAT-2020) on 16th -17th August 2020 organized by Department of Chemistry, Shri Varshney College, Aligarh & Uttarakhand Science Education and Research Centre (USERC), Department of Science and Technology, Dehradun and Department of Chemistry, Radhey Hari Govt, P G College, Kashipur, and Hemvati Nandan Bahuguna Govt P G College Khatima, Uttarakhand.**
- 72. Presented an Oral Presentation in the International E-Conference on “ Cutting Edge Smart Materials and Nanotechnology” organized by Department of Physics in Collaboration with IQAC, Sadguru Gadage Maharaj College, Karad, Affiliated to Shivaji University, Kolhapur on 20th -21st August 2020.**
- 73. Participated in one day National e-Seminar on Recent advances in Chemical Sciences” on 29th August 2020 organized by Department of Chemistry and IQAC of Krishna Mahavidyalaya, Rethare Bk.**
- 74. Participated in three day Webinar Series (Professional) on “Transforming Teaching Learning Process using ICT Tools” organized by IQAC, PGDAV College from 28th August to 30th August 2020.**
- 75. Participated in One day National Webinar on “Promotional Avenues for Teachers in Higher Education: CAS Regulations- 2018” organized by organised by Guru**

Angad Dev Teaching Learning Centre of MHRD, SGTBT Khalsa College, University of Delhi on 5th September 2020.

76. Participated in International workshop on “Computational Chemistry – Application to Odyssey and Spartan Software” on 30th September 2020 Organized by Dyal Singh College, University of Delhi.

77. Participated and completed Two week “Faculty Development Programme on – Research Methodology” organised by Ramanajun College, Teaching Learning Centre of MHRD, under PMMMNMTT on 1st October to 15th October 2020.

78. Participated in International online Workshop-cum-webinar entitled “Visual note taking” organized by Department of Chemistry in association with IQAC, Zakir Husain Delhi College, University of Delhi on 8th November 2020.

79. Participated as main ANO on Online Ek Bharat Shreshtha Bharat – IV camp conducted by 2 DGBN from 05 Nov to 10 Nov 2020.

80. Organizing Secretary in the National Seminar on “New Frontiers in Biosensing” organized by Department of Chemistry, Hansraj college, University of Delhi on 3rd April 2021.

81. Presented a Oral Presentation in the National Seminar on “New Frontiers in Biosensing” organized by Department of Chemistry, Hansraj college, University of Delhi on 3rd April 2021.

82. Organized three day workshop for Lab Staff

83. Organised Talk for NCC cadets and Students

84. Online EBSB VIII Coordinator

Association With Professional Bodies

1. Life Long Member of Indian Society of Analytical Scientists (ISAS) – Delhi Chapter (LM-12).

2. GCNC – Advancing Green Chemistry- (Membership no-0653/21/286).

Other Activities

1. Successfully Completed UGC sponsored Orientation Course organized during

10.11.2014 to 5.12.2014 from Academic Staff College, JNU

- 2. Successfully Completed UGC sponsored Refresher Course in Chemistry organized by CPDHE at Department of Chemistry, University of Delhi from 26th June 2015 to 16th July 2015.**
- 3. Resource Person of Project – UDAAN – an initiative of CBSE to provide free online lectures to girls students of class -XI and class- XII from humble background (2016-2017)-available on youtube.**
- 4. Academic Councilor – B.Sc (Life Science), IGNOU since 2018.**

Date :

Signature: