

Navdeep Singh , M.Sc., NET.

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Academic Qualifications:

2022– Pursuing	Ph.D. (Chemistry) <i>Institution :</i> N.A.S College Meerut Affiliated to (CCS University Meerut, India) <i>Department:</i> Chemistry Department <i>Thesis Title:</i> Isolation and Characterization of Metal Reducing Bacteria from Waste Water Discharged in River and their Potential Use in Bio-Remediation <i>RDC DATE-</i> Held on 29-07-2022 (Ref-2/A/210700071295 Date 16.08.2022) <i>Supervisor:</i> Dr. Anita Sharma, Associate Professor, N.A.S College Meerut, Affiliated to CCS University Meerut (U.P) <i>Co Supervisor:</i> Dr Nikunj Bhardwaj, Assistant Professor, M.S College Saharanpur, Affiliated to Maa Shakumbhari University Saharanpur (U.P) <i>Awarded:</i> Pursuing
DEC 2011	CSIR-NET, (CHEMICAL SCIENCE)
2007-2008	B.Ed. (Environmental Education) <i>University:</i> CCS University Meerut, India <i>College:</i> Doon College of Education, Sunderpur Saharanpur, U.P <i>Division:</i> 1 st Division
2005–2007	M.Sc. (Chemistry) with specialization Organic Chemistry <i>University:</i> CCS University Meerut, India <i>College:</i> M.S College Saharanpur, U.P <i>Department:</i> Department of Chemistry <i>Division:</i> 1 st Division (67.11%)
2001–2004	<i>University:</i> CCS University Meerut, India <i>College:</i> M.S College Saharanpur, U.P <i>Department:</i> Department of Chemistry <i>Division:</i> 1 st Division (60.67%)
2001	Intermediate (10+2) <i>Board:</i> U.P. Board Allahabad <i>Subjects:</i> Hindi, English, Physics, Chemistry , Biology <i>College:</i> S.D Inter College, Saharanpur <i>Division:</i> 2 nd
1999	High School (10th) <i>Board:</i> U.P. Board Allahabad <i>Subjects:</i> Hindi, English, Science, Social Science, Biology <i>College:</i> S.D Inter College, Saharanpur <i>Division:</i> 2 nd

2021 Pre Ph.D Course Work in Chemistry

University: CCS University Meerut, India

Division: Pass

Awards, Fellowships and Memberships:

Awards	<ul style="list-style-type: none">• Qualified CSIR-NET (Chemical Sciences) in DEC 2011• Qualified COMMON ELIGIBILITY TEST Ph.D -JUNE 1, 2012 Conducted by Dr Ram Manohar Lohia Avadh University Faizabad• Qualified GATE-2013, in Chemical Sciences with AIR: 4279, Score: 220
Memberships	<ul style="list-style-type: none">• Life Member of Indian Science Congress. Society of Research development in Agriculture.

1. Professional development programmes (Orientation, Refresher, Short Term Course, and Faculty Development Programme

Refresher Course 16/02/2020	Online Refresher Course in Chemistry for Higher Education by (SWAYAM)
4 JUNE, to 1 JUNE 2020	4 Week- Induction/Orientation Programme for faculty in University/ College/ Institutes of Higher Education, A+ Grade (On-Line) By Ramanujan College Delhi University, MHRD Sponsored
(FDP) 1 JUNE-7 JUNE 2020	Completed Faculty Development Program-FDP during. 1 JUNE-7 JUNE 2020 Department of Business Administration Auxilium college (Autonomous) Gandhi Nagar, Vellore 632006 . Topic: Synergia to Revitalize, Reform and Refresh Ourselves as Agents to Ensure Quality Education. (On-Line)
(FDP) 14--17 SEP 2022	4 Day International FDP on “Digital Image Processing using MATLAB organized by Department of Research & Publication, A2Z EduLearningHub LLP (On-Line) Cert. No. MTL922PX40
Refresher Course 29/11/2022 -13/12/2022	Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of MINISTRY OF EDUCATION PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING online TWO - WEEK Refresher Course in “CHEMISTRY” from 29 November – 13 December, 2022 and obtained Grade A+.

Short Term Courses / Workshops / Conferences Attended:
Session 2019-2020

(Workshop):

1. 20 Sep 2019- (One Day Workshop) Department of English, D. N. College, Meerut
Topic: Understanding Academic Integrity and Practices to Avoid Plagiarism”
2. 16-21 Dec 2019 - Department of Chemistry, CCS University Meerut
Topic: Introduction, Synthesis and Characterization of Nanomaterials (ISCN-2019)
3. 27 Dec 2019 - 2 JAN 2020 - Meerut College Meerut
Research Methodology & Environment- Sustainable Development

(International Webinar):

4. 15-16 May 2020- Department of Physics, CCS University Meerut,
Topic: “Prospective of Interdisciplinary Research in science and Technology in Present Scenario”
5. 17 May 2020 – S. M College Chandausi, India
Topic: “Innovation, Education and Sports with Covid-19 Impacts and Challenges for the future” (IESCIC-2020) Cert. No- IESIC-P/1086
6. 07 JUNE 2020 – Govt. Raza P.G. College Rampur (U.P) India
Topic: “ Challenge and Opportunities for Business and Economics Worldwide, Post Covid-19”
Cert No- TM6CKU-CE000096

(National Webinar/Seminar):

7. 1-2 Oct 2019 – Ismail National Mahila (P.G) College, Meerut (U.P.)
Topic: “4G Gandhi, Ganga, Gao, Gaav”
8. 7 May 2020 – Department of Economics & Commerce, N.A.S College Meerut
Topic: “Impact of Covid-19 on Indian Economy”
9. 11-12 May 2020 – Department of Economics, D.S Degree College Aligarh
Topic: Impact of Covid-19 on MSME: Problems and Remedies.
10. 18 May 2020 Department of Chemistry, NREC College Khurja
Topic: “ Online Nation Webinar Series an Online Interactive Session
11. 20 May 2020- Christ Church College Kanpur & Willy
Topic: “Green Chemistry”
12. 26 May 2020 – Jan Nayak Ch. Devilal (P.G.) College of Education, Sirsa
Topic: “Planning of Teacher Education in a Post Covid-19 World.
13. 26-28 May 2020 – Department of Chemistry Shyam Lal College & IQAC
Topic:” National Chem Webinar Series”
14. 5 JUNE 2020- ENVIS RP, on Environmental Biotechnology University of Kalyani
Topic: “CARE TO BIODIVERSITY”
Cert. No- DESKUENVISWCTB0985

Session 2020-2021

(International Webinar):

1. 22-23 May 2020 – Deva Nagri College Meerut
Topic: “ Recent Trends in Advancement of Mathematical & Physical Sciences”
2. 5-8 July 2020 MIET Kumaon Haldwani & Dept. of Chemistry H.N.B Govt P.G. College Khatima Uttarakhand etc
Topic: “Morden Instrumental and Characterization Techniques in Applied Sciences 2020 (MICTAS-2020)”
3. 25 Aug 2020 – Department of Chemistry, University College og Science Satavahana University Karimnagar 505001, T.S, India
4. Topic: “ Challenge in Drug Discovery-A Global need”

(National Webinar):

5. 12 Aug 2020- Department of Economics, Dava Nagri (P.G.) College Gulaothi, Bulandshahr U.P

- Topic: "Indian Economy after Covid-19: Challenge and the Way forward"**
6. 16-17 Aug 2020 – Dept. of DDP Shri Varshney College Aligarh, Dr B R Ambedkar University Agra. Etc
Topic: "Recent Advances in Analytical Techniques-2020"
 7. 20 Aug 2020- Department of Chemistry, S.K.R College Barbiga Sheikhpura-811101, Bihar
Topic: "Exigent Challenge Role of Chemists against Covid-19 Panmdamic"
Cert. No- ECR-Chem-CP-049
 8. 28 Feb 2021 Dept. of Higher Education, Uttarakhand, Devbhoomi Vigyan Santi Dehradun , MIET Kumaon , Haldwani etc
Topic: "Role of Science for Sustainable Rural Development of Uttarakhand (2021)"
 9. 3 Sep 2020 – Maharaj Singh College Saharanpur
Topic: "Online Education and its amalgamation with classroom education: Opportunities and Challenges"
 10. 30 Aug 2020 Acharya Narendra Dev Nagar Mahila Mahavidhyalaya Harshnagar Kanpur
Topic: "National Education Policy 2020"

List of Research Publications/ Patent: (Total Published: 03 SCI)

Published	
Abstract 2019 only	25-26 Sep 2019 - Navdeep Singh "Plant food reverse chronic diseases"
Patent 2020	1. Dr. Azad Kumar, Navdeep Singh , Bhopal Singh, Dr. Sanjay Kumar Gautam, IPP Nano-structures: intelligent process for the production of nano-structures, application number: 202011037016, publication date (U/S 11A): 25/09/2020.
Patent 2020	Dr. Sanjay Kumar Gautam, Dr. Azad Kumar, Navdeep Singh , Bhopal Singh, antibacterial coating material and method for forming Antibacterial intelligent coating film, application number: 202011035277, publication date (U/S 11A): 25/09/2020
Research Paper 2021	Mukti Verma, Moni Verma, Navdeep Singh "Studies on metal complexes of some substituted oxazoline" Progressive Agriculture vil.21 issue-2, 2021, pp 255-259 DOI:10.5958/0976-4615.2021.00042.9 ISSN-0976-4615(P)
Paper Review 2021	Navdeep Singh, Rajeev Kaushik "Isolation and characterization of lead (Pb) reducing bacteria from wast water discharge in river and their potential use in bioremediation of lead containing waste water" Soch Mastnath Journal of Science & Technology January- December, 2021 volume-16, No.1-4, pp. 1-7 ISSN-(Printing) 0976-7312, RNI No. HARENG/2006/22052 A Peer Reviewed and Refereed Journal. www.bmu.ac.in

Book Chapter/Book Published

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| Book Chapter Book 2022 | <ul style="list-style-type: none"> • Titlt- Environmental Chemistry and its Application for the Pollution Abatement, Publisher Blue Hill Publication (International) , Editor 1. Dr Azad Kumar, 2. Dr Ashok Kumar 3. Mr. Navdeep Singh, ISBN: 978-93-94741-54-6 |
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Professional Activities: Administrative Responsibilities

Admission Committee	<ul style="list-style-type: none"> Assisted in admission of B.Sc. and M.Sc. for academic session: 2019-2020, 2020-2021, 2021-2022 and 2022-2023 at N.A.S (P.G.) College Meerut, U.P.
State Election	<ul style="list-style-type: none"> Assisted in state election in 2019-2021 at Meerut
Flying Squad Member	18/04/2022 to 10/09/2022 Flying Squad Team-03 (CCS University Meerut)
Proctorial Board	23/11/2023 (onward) Proctorial board Member
Internal Examiner	<ul style="list-style-type: none"> Assisted in conducting chemistry practical examination of B.Sc.(NEP) as internal examiner (academic session: 2020-2021, 2021-22, 2022-23 at N.A.S (P.G.) College Meerut, U.P.
External Examiner	<ul style="list-style-type: none"> Assisted in conducting chemistry practical examination of B.Sc.(NEP)/ MSC as External examiner (academic session: 2020-2021, 2021-22, 2022-23, 2023-24)
Paper Setting	<ul style="list-style-type: none"> Many MCQ Paper Setting (Maa Shakumbhari University Saharanpur), and (Raja Mahendra Pratap Singh university Aligarh)
Convenor	<ul style="list-style-type: none">
Organizing Secretary	<ul style="list-style-type: none"> To organize a one day National Webinar on ““Post Covid-19, Impact on Environmental Pollution)” held on May 31, 2020 at e-platform in N.A.S (P.G.) College Meerut, U.P.

**Co-organizing
Secretary**

**Advisory
Committee**

**Organization
Committee**

Personal Details:

Father's Name	Shri Shiv Raj Singh
Date of Birth	6, Dec, 1984
Nationality	Indian
Gender	Male
Marital Status	Married
Corresponding/ Permanent Address	Sh. Navdeep Singh, 1405/3 Shastri Nagar Meerut. 250001 (U.P), India H. No. 6/4185, Mohalla Garhi Malook No-1 Saharanpur 247001 (U.P.) India