

Prof. (Dr.) Niranjn Singh Rathee

M. Phil., Ph. D. (Chemistry), FSASS

(Fellow Member of Scholars Academic and Scientific Society)

S/o Sh. Balbir Singh

11/271, Dayanand Nagar,

Bahadurgarh, District – Jhajjar (Haryana) - 124507

Contact Nos.: 9467457024 and 8950233239

E-Mail ID: drnsrathee@gmail.com

Official E-Mail ID: niranjans.rathee@jagannathuniversityncr.ac.in

Date of Birth: 18-01-1982



PRESENT STATUS:

❖ **Professor** (Chemistry) & **Dean** (Faculty of Science), Jagannath University, Bahadurgarh from **18-04-2019**.

CAREER HISTORY:

- ❖ **Associate Professor** (Chemistry) & **Head** of Applied Sciences & Humanities Department cum **PRINCIPAL** at Akido College of Engg, Lowakhurd, Bahadurgarh (An Engineering and Management Institute affiliated to M.D. University, Rohtak) From 11-04-2018 to 17-04-2019 (**Total Service – 01 Year**).
- ❖ Worked as **Associate Professor** (Chemistry) & **Head** of Applied Science Department cum **Dean (Academics)** & **Controller of Examination** at Delhi Technical Campus, Nayagaon, Bahadurgarh (An Engineering and Management Institute affiliated to M.D. University, Rohtak) From 08-09-2012 to 10-04-2018. (**Total Service: 05Years and 07 Months**)
- ❖ Worked as **Assistant Professor** (Chemistry) at CBS Group of Institutions, Jhajjar (An Engineering and Management Institute affiliated to M. D. University, Rohtak) From 04-08-2011 to 07-09-2012. (**Total Service: 01Year and 01 Month**)
- ❖ Worked as **Assistant Professor** (Chemistry) at Haryana Institute of Technology, Asodha, Bahadurgarh (An Engineering and Management Institute affiliated to M. D. University, Rohtak) From 02-08-2010 to 01-08-2011. (**Total Service: 01Year**)
- ❖ Worked as Lecturer (Chemistry) at GIS Institute of Professional Studies, Mussorie Road, Dehradun (An Institute affiliated to HNB Garhwal University, Srinagar Garhwal) From 01-08-2006 to 30-07-2010. (**Total Service: 04Years**)

EDUCATIONAL QUALIFICATION:

- ❖ **Ph. D.** in **Chemistry** from HNB Garhwal University (**A Central University**), Srinagar Garhwal. Centre: **SGRR (PG) College, Dehradun** (Registered in 2006, Submitted in 2009 & Awarded in 2012)
- ❖ **M. Phil.** in **Chemistry** from Vinayaka Missions University, Salem (TN) with First division in 2007. (Via Distance Learning)
- ❖ **M. Sc.** in **Chemistry** (Specialization in Organic with Environmental and Industrial Chemistry as optional papers) from HNB Garhwal University, Srinagar Garhwal, in 2004. (Name of College: Uttaranchal College of Science & Technology, Dehradun)
- ❖ **B. Sc. (Chemistry, Botany & Zoology)** from HNB Garhwal University, Srinagar Garhwal, in 2002 (Name of College: DAV (PG) College, Dehradun)
- ❖ **12th** with **Medical Science (Hindi, English, Physics, Chemistry and Biology)** from UP Board, in 1999. (Name of School: DAV Intermediate College, Karanpur, Dehradun)
- ❖ **10th** with **Science (Hindi, English, Mathematics, Science, Social Sc. & Biology)** from UP Board, in 1997. (Name of School: M. D. Higher Secondary School, Dehradun).

ADDITIONAL QUALIFICATION:

- ❖ Diploma in Computer Application from HILTRON-CALC, Dehradun with First Division in 2000.
- ❖ Certificate in Computing from IGNOU with First Division in 2001.

RESEARCH SUPERVISION:

- ❖ Three (03) candidates have been Awarded **Ph.D.** degree and Four (04) Candidates are working for Ph. D. Degree under my supervision.

PATENT / AWARD / PROJECT:

- ❖ **Patent on** “Smart System of High Density Quick Response Inhalers for Chronic Inflammatory Lung Disease” **Published** on 04/02/2022 (Application No. 202211003770)
- ❖ **Patent on** “An Enteric-Coated HPMC Capsules Composition Plugged With 5-Fu Loaded Micro-Sponges and Its Preparation Process Thereof” **Published** on 12/05/2023 (Application No.2023210256)
- ❖ **Patent on** “Formulation Development and In-Vitro Evaluation of Antibacterial Herbal Lotion of *Couroupita Guianensis* Plant Extract” **Published** on 13/10/2023 (Application No. 202311063737 A)
- ❖ **Patent on** “The novelty resides in the shape and configuration of Transdermal Herbal Patches for the Treatment of Arthritis” (Application No. 398705-001)
- ❖ Awarded with “**Young Researcher Award – 2021**” by Institute of Scholars, Bangalore.

BOOK / CHAPTERS PUBLICATION:

- ❖ Text Book Entitled “**Basics of Engineering Chemistry**” published by Edu Boulevard Pvt. Ltd., New Delhi in 2020 (ISBN: 978-93-87373-23-5).
- ❖ Edited Book Entitled “**Recent Trends in Science, Technology, Management and Humanities**” Published by Jagannath University, Bahadurgarh in 2022 (ISBN: 978-93-5457-795-6).
- ❖ Chapter entitled “**Biodegradation of Petroleum Hydrocarbons: A Review**” published in International Edited Book entitled “Emerging Technologies towards Agriculture, Food & Environment” Published by AGROBIOS International. (ISBN: 978-93-81191-22-4).

TRAININGS / FACULTY DEVELOPMENT PROGRAMS ATTENDED:

- ❖ **One week’s training** from Q.C. Laboratory of MedicaMen Biotech Ltd., Bhiwadi, Distt-Alwar (Rajasthan)
- ❖ **Two week’s training** on “Geochemical Techniques in Petroleum exploration” from Petroleum Exploration Division, KDMIPE, ONGC, Dehradun (U.A.).
- ❖ **One month’s training** on “Determination of Different Parameters in Ganga water” from HRDC, PCRI, BHEL, Haridwar (U.A.).
- ❖ **Participated** in One Week Faculty Development Programme on “Upskill Your Resources” organized by the Department of Business Administration (SF), Arya Nadar Janaki Ammal College, Sivakasi from 07.07.2023 to 13.07.2023

- ❖ Participated in **one week's Faculty Development Program** on “Research Methodology” Organized by Faculty of Management & Commerce, Jagannath University, Bahadurgarh, from 22nd to 26th August, 2022.
- ❖ Participated in **one week's Faculty Development Program / Workshop** on “Spreadsheet Basics-MS-Excel” organized by Department of Business Administration in association with IQAC of LSM Government Post Graduate College Pithoragarh, Uttarakhand, from 22-04-2022 to 26-04-2022.
- ❖ Participated in **Nine Day's International Entrepreneurship Summit 'AVLOKAN 2.0'** 2022 entitled “Beyond Sustainability – Trends in Regenerative, Socially Responsible, Community Ventures” organized by Faculty Research Cell – Gyanidhi & SRDC- Vidhyanidhi, CMS, Jain (Deemed-to-be University), from 10th – 12th & 17th – 22nd January 2022.
- ❖ Participated in Online Training on “Orientation and Adoption of NISP at HEI Level and Policy Implementation Strategy & Progress Monitoring at HEI Level” Organized by Innovation Cell, Ministry of Education, Government of India on 07th & 21st August, 2020.
- ❖ Participated in **one week's UGC Paramarsh FDP** on “ICT in Teaching & Evaluation” organized by Shri Shivaji College, Parbhani, from 13-07-2020 to 18-07-2020.
- ❖ Participated in Workshop on “Handling of Some Analytical Instruments (HPLC)” Organized virtually by Bansal College of Pharmacy, Bhopal on 08th June, 2020.
- ❖ Participated in **Three day's Research Workshop** on “Higher Forces of Consciousness in Leadership” at Sri Aurobindo Centre for Advanced Research, Pondicherry from 21-12-2019 to 23-12-2019.
- ❖ Participated in **Two Day's “Science Academic Workshop on Solid State Physics”** at Bharti Vidyapeeth College of Engg., New Delhi from 15th-16th February, 2018.
- ❖ Participated in **one week's Short-Term Course (Faculty Development Program)** on “Energy, Environment & Sustainable Development” at Bharti Vidyapeeth College of Engg., New Delhi (Organized by NITTTR, Chandigarh) 24-07-2017 to 28-07-2017.

ROLE AND RESPONSIBILITIES:

- ❖ Coordinating University Level Activities for IIC, MoE
- ❖ Handling responsibilities of **Dean (Research), MOOCs Coordinator (NPTL-SPOC), NISP Coordinator** at Jagannath University, Bahadurgarh.
- ❖ Officiated as **Principal** of Akido College of Engineering, Lowa Khurd, Bahadurgarh (**for 01 Year**).
- ❖ Officiated as **Director** of Delhi Technical Campus, Bahadurgarh (**for 02 Years**).
- ❖ Performed responsibility of **Dean (Academics) & Controller of Examination (5.5 Years)**.

- ❖ Taught all branches of Chemistry to the Students of **Pharmacy** (D.Pharma & B.Pharma.), **Engineering** (Diploma & B. Tech.), **Other U.G.** (B. Sc. Biotechnology) and **P.G.** (M.Sc. Pharmaceutical Chemistry & M. Sc. Biotechnology), B.Sc (Medical & Nonmedical) and B.Sc.-B.Ed. (Integrated).
- ❖ Successfully completed various educational research projects at **UG** and **PG** level in different areas of chemical and life sciences as **Supervisor** and **Project Coordinator** at GISIPS, Dehradun.
- ❖ Worked as **Center Superintendent** in different entrance examinations like Group C (F.C.I.), A.A.O. (L.I.C.), Uttarakhand Police at **Dehradun**.
- ❖ Worked as Member of Counseling Team of AIEEE / UTU Counseling in July, 2008 (Held at Dehradun, Uttarakhand).
- ❖ Successfully completed Semester exams, conducted by M.D. University, Rohtak as **Supdt-in-chief / Center Superintendent / Deputy Superintendent** in different sessions.

EXECUTIVE MEMBERSHIP:

- ❖ Chairman (Ex-Officio), **Board of Studies, Department of Science**, Jagannath University, Bahadurgarh.
- ❖ External Expert Member of **Board of Studies (Chemistry)**, P.D.M. University, Bahadurgarh.
- ❖ External Expert Member of **Board of Studies (Chemistry)**, Starex University, Gurugram.
- ❖ Member of **Board of Management**, Jagannath University, Bahadurgarh.
- ❖ Member of **Academic Council**, Jagannath University, Bahadurgarh.
- ❖ Member of **Governing Body**, Akido College of Engineering, Lowa Khurd, Bahadurgarh.

MEMBERSHIPS:

- ❖ **Fellow Member** of “Scholars Academic & Scientific Society”
(**Membership No.: SAS/FSASS/562/2022**)
- ❖ **Life Time Member** of “Institute of Scholars, Bangalore” (**Membership No.: 20211235**)
- ❖ **Life Time Member** of “Indian Society of Analytical Scientists, Delhi Chapter”.
(Run my IOCL, Faridabad ((**Membership No.: LM-2021/05**))
- ❖ **Life Time Member** of “Society for Environment and Sustainable Development, New Delhi”
(**Membership No.: SESD-1620537324-31523-769**)
- ❖ Reviewer of “**International Journal of Pure and Applied Science**”.

- ❖ Member of Editorial Board of “**Gateway International Journal of Innovative Research**”

ACHIEVEMENTS / EXTRA CURRICULAR ACTIVITIES:

- ❖ Coordinator, **IQAC (Internal Quality Assurance Cell)** at Jagannath University, Bahadurgarh.
- ❖ **SPOC (Single Point of Contact)** for **SWAYAM-NPTEL Local Chapter** at Jagannath University, Bahadurgarh.
- ❖ Local Coordinator of **National Innovation & Startup Policy (NISP)** at Jagannath University, Bahadurgarh.
- ❖ Coordinator of Outreach Programs of Indian Institute of Remote Sensing (Govt. of India), Dehradun
- ❖ Dealt with university affairs (HNB Garhwal University, Srinagar Garhwal & M. D. University, Rohtak)
- ❖ Handled various inspections from affiliating university and Directorate of Technical Education.
- ❖ Prepared Annual Reports of the university (2018-19, 2019-20 and 2020-21).

SEMINARS / CONFERENCES / WEBINARS ORGANIZED:

- ❖ Organized **National Seminar** on “Recent Trends in Basic and Applied Science” at Jagannath University, Bahadurgarh on 28/02/2024.
- ❖ Organized **National Seminar** on “Recent Trends in Basic and Applied Science” at Jagannath University, Bahadurgarh on 22/10/2022.
- ❖ **Organized an International Conference** on “Recent Trends in Science, Technology, Management & Humanities” at Jagannath University, Bahadurgarh on 29/04/2022.
- ❖ **Organized a National Seminar** on “Recent Advances in Physical, Chemical and Life Science” at Jagannath University, Bahadurgarh on 16/10/2021.
- ❖ **Organized an International Webinar** on “Biotechnology for Crop Tolerance to Abiotic Stresses” Jagannath University, Bahadurgarh on 27th April, 2021.
- ❖ **Organized an International Webinar** on “Deep Learning for Detection and Management of Plant Diseases” Jagannath University, Bahadurgarh on 8th and 12th March, 2021.
- ❖ **Organized an International Webinar** on “Sustainable Water Resources, Pollution & Quality Assurance” at Jagannath University, Bahadurgarh on 06/11/2020
- ❖ **Organized a National Webinar** on “Emerging Trends in Science & Technology” at Jagannath University, Bahadurgarh on 25/09/2020.
- ❖ **Organized a National Seminar** on “Water Quality Assurance towards Agriculture, Environment and Human & Livestock Health” at Jagannath University, Bahadurgarh on 25/02/2020.
- ❖ **Organized a National Conference** on “Recent Advances in Science, Engineering & Management (NCRASEM-2014)” at Delhi Technical Campus, Bahadurgarh on 29/03/2014.
- ❖ **Organized one day seminar** on “Significance of Management Education for Engineers” at Haryana Institute of Technology, Asodha, Bahadurgarh on 15-April-2011.

LECTURES DELIVERED:

- ❖ **Delivered Key Note Lecture** on “Intellectual Property Rights: Patents” in Nation Workshop on “Intellectual Property Rights” organized by Government (PG) College, New Tehri in collaboration of Uttarakhand State Council of Science & Technology (Govt. of Uttarakhand) from 30-11-2023 to 02-12-2023.
- ❖ **Delivered Key Note Lecture** on “Concept Note on Blended Mode of Teaching & Learning” in World Education and Science Summit – 2022 (3rd International Conference) held at Pt. L.M.S. Rishikesh Campus, Sri Dev Suman University, Uttarakhand on November 26-27, 2022.
- ❖ **Delivered Lecture** on “Revised Assessment Framework of NAAC for Accreditation of Colleges and Universities in India” in National Webinar on A Critical Evaluation of Revised Assessment Framework of NAAC” organized by M. N. College, Shahabad on 20/02/2021.
- ❖ **Delivered Lecture** on “Preparation of Chemical Solutions” at Dev Bhoomi Group of Institutions, Dehradun on 30th May, 2020.
- ❖ **Delivered Lecture** on “Radiopharmaceuticals” in “First Uttarakhand Seminar for D. Pharma. Students” organized by Sunrise Academy, Dehradun on 20/11/2019.
- ❖ **Delivered Lecture** on “Education and contribution of Guru Nanak Dev towards Humanity” in National Seminar on “Life and Philosophy of Sri Guru Nanak Dev – Towards World Peace” organized by Jagannath University, Bahadurgarh on the occasion Of 550th Birth Anniversary Celebration of Sri Guru Nanak Dev on November 11, 2019.

PARTICIPATION IN SEMINARS / CONFERENCES:

- ❖ **Participated and Presented Research Paper** in “1st International Conference on Mechanical Engineering Research and Evolutionary Challenges – 2023” Organized by NIT, Warangal on June 23-25, 2023.
- ❖ **Participated in International Webinar** on “Plant Based Protein by 2025/2050” organized by Amity Institute of Biotechnology, Haryana & IFSDAA, Germany, on 16th October, 2020.
- ❖ **Participated in National Webinar** on “Emerging Trends in Ayurveda and Alternative Medicines for CORONA Mitigation” organized by Department of Pharmacy, Jagannath University, Bahadurgarh on June 22, 2020.
- ❖ **Participated in International Webinar** on “Strengthening the Economy of Rural India through Sustainable Fisheries & Agriculture in Covid Era” organized by Govt. PG College, Maldevata, Dehradun on 05-06-2020.
- ❖ **Participated in National Webinar** on “Upcoming Economic and Marketing Challenges for India post Covid-19 Lockdown” organized by St. John’s College, Agra on 19th – 20th May, 2020
- ❖ **Participated in National Webinar** on “Global Panel Discussion on Education 4.0: The Revolution” organized by Sri Vishvakarma Skill University, Gurugram on May 11, 2020.

- ❖ **Participated and Presented Research Paper** in 1st International Conference of Indian Science Congress Association – Rohtak Chapter on Science & Technology: Rural Development” at M.D. University, Rohtak on March 04-05, 2020.
- ❖ **Participated** in Two days National Seminar on Advances in Chemical Sciences (ACS-2013), held at Department of Chemistry, M. D. University, Rohtak, India on 01-02 March, 2013.
- ❖ **Participated** in **Uttara Techno Fest 2012**, A National seminar on “Bio-Degradation and Bioremediation-A Novel Remedy for Pollution Abatement” organized by Uttaranchal College of Biomedical Sciences, Dehradun on 18-Feb-2012.
- ❖ **Participated** in one day seminar on “E – Waste Management” at Gateway Institute of Engineering and Technology, Sonapat on 02-Apr-2011.
- ❖ **Participated and Presented Research Paper** in Two day’s National Seminar on “Recent Advances in Vector Biology and Control” at D.A.V. (PG) College, Dehradun on 3 & 4 – Dec.-2008.
- ❖ **Participated** in one day’s “IPR Awareness Workshop” at SIPAS, Dehradun organized by Patent Information Centre, Pantnagar under the aegis of Technology, Information Forecasting and Assessment Council, Department of Science and Technology (Govt. of India) New Delhi on 08-Jan-2008.

REFERENCES:

- ❖ **Dr. Atul Kumar Gupta**, Former Professor & Head (Chemistry), S.G.R.R. (PG) College, Dehradun. (Contact No. **9837894998**, Email ID: **atul1955@gmail.com**)
- ❖ **Prof. Sumer Singh**, Vice Chancellor, Career Pont University, Kota, Rajasthan. (Contact No. **9755096444**, Email ID: **sumersingh549@gmail.com**)
- ❖ **Prof. Prasad Rao P.V.V.**, Vice Chancellor, Jagannath University, Bahadurgarh. (Contact No. **9948141970**, Email ID: **prasadraopvv@gmail.com**)

LIST OF PUBLICATIONS

1. Kumar, M., Kamra, A. & **Rathee, N. S.** “Thermodynamic studies of Y(III), La(III), Sm(III) and Ce(III) with 5-hydroxy-2-methyl-1,4-naphthaleindione” *Asian Journal of Chemistry*, **19(1)**: 653-657 (2007) [ISSN: 0970-7077]
2. Gupta, A.K. & **Rathee, N.S.** “Separation & Identification of p-Methoxy phenacylidene-p-dimethyl amino aniline - Cd(II), Fe(III), Mn(II), Cu(II) and Co(II) Complexes by Thin Layer Chromatography” *The Asian Journal of Experimental Chemistry*: **06(02)**: 80-82 (2011) ISSN: 0973-4783 and E-ISSN: 0976 – 8955

3. Kakkar, P.H., Saxena, R.M., **Rathee, N.S.** & Joshi, M. "Water Soluble Fraction of Diesel Oil Induced Histopathological Alteration in the Liver of *Channa punctatus*" *Toxicology International*, **18(1)**: 14-16 (2011) ISSN: Online: 0976-5131, Print:- 0971-6580.
4. Gupta, A.K., **Rathee, N.S.** & Priyanka " Study the Biodegradation of Water Soluble Fraction of Diesel Oil in Water" *BPR Technologia: A Journal of Sc., Tech. & Mgmt.* **01(01)**: 18-23 (2012) ISSN: 2278-8387
5. **Rathee, N. S.** "Study on Microbial Biodegradation of Water Soluble Fractions of Petrol and Diesel: A Comparative Study" *Int. J. Phy., Chem, Math Sc.*, **02(01)**: 83-86 (2013) ISSN: 2278 – 683X. (Accepted, Ref. No. 31232013)
6. **Rathee, N.S.** "Evaluation of Stability Constant of Complexes of Schiff Base with Cd(II), Fe(III), Mn(II), Cu(II) and Co(II)" Presented & Published in Proceeding of DTC Technologia: National Conference on Recent Advances in Science, Engineering & Management-2014 [ISBN: 978-93-5156-647-2]
7. Singh, N., Prakash, J. & **Rathee, N.S.** "Solid Hazardous Waste Minimization and Management in Delhi with Special Reference to Wazirpur Industrial Area" Published in Proceeding of DTC Technologia: National Conference on Recent Advances in Science, Engineering & Management-2014 [ISBN: 978-93-5156-647-2]
8. **Rathee, N. S.** "Thermodynamic Studies on Azomethine - Cd (II) and Mn(II) Chelation" *Int. J. Phy., Chem, Math Sc.*, **05(02)**: 01-04 (2016) ISSN: 2278 – 683X.
9. Singh, S. & **Rathee, N. S.** "Revised framework of NAAC for Accreditation of Colleges and Universities in India" Presented and Published in Proceeding of NAAC sponsored One day National Webinar on "A critical evaluation of Revised Assessment Framework of NAAC, Organized by Markanda National College, Shahbad on 20/02/2021.
10. **Rathee, N.S.**, Badoni, P. & Kakkar, P.H. "Study on biodegradation of Petroleum hydrocarbons (Mixture of Petrol & Diesel) in soil" *Int. Jou. of Res. & Ana. Rev.*, **8(2)**: 639-645 (2021).
11. Sharma, A.; Balhara, N. & **Rathee, N. S.** "Physico-Chemical Characterization of Fly Ash Concrete Mix" *International Journal of Research and Analytical Review*: **8(3)**: 666-670 (2021) ISSN: 2349-5138, IMPACT FACTOR: 5.75
12. Sharma, A.; Balhara, N. & **Rathee, N. S.** "Production and Characterization of Fly Ash Bricks" *Journal of Emerging Technologies and Innovative Research*, **8(7)**: B826-B830 (2021) ISSN: 2349-5162 IMPACT FACTOR: 7.95
13. Kumar, D.; Saraf, A.K. & **Rathee, N.S.** "A review of solar photovoltaic waste management in India" *Journal of Emerging Technologies and Innovative Research*, **9(6)** (2022) ISSN: 2349-5162 IMPACT FACTOR: 7.95
14. Yadav, D.; Saraf, A.K. & **Rathee, N.S.** "Assessment of PV waste generation in India" Material Today Proceedings, 2023; <https://doi.org/10.1016/j.matpr.2023.03.734>

15. Saini, D. K.; Saraf, A.K. & **Rathee, N.S.** “Potential of metals recovery from end-of-life vehicles parts after dismantling vehicles” *Material Today Proceedings*, 2023; <https://doi.org/10.1016/j.matpr.2023.03.001>
16. Kumar, R., **Rathee, N.S.**, Khanijau, N., Safeer, R, Kaur, N. & Tewari, V. “Study on Microbial Biodegradation of Petroleum Hydrocarbons” Published in National Conference on Microbial Diversity: Avenue and applications held at SBS (PG) Institute of Biomedical Sciences & Research, Balawala, Dehradun, India on 17-18 March 2007 [No. D-61]
17. Saxena, R.M. & **Rathee, N. S.** “Study on Biodegradation of Petroleum Products (Diesel Oil) in Soil” Published in National Workshop on Emerging Trends on the Advancement of Science and Technology in Harnessing the Potential of Microorganisms, held at Uttaranchal College of Science & Technology, Dehradun, India on 20-21 March 2007 [Page No. 53]
18. Goyal, M., **Rathee, N.S.** “Study on Biodegradation of Petroleum Products in Soil” Published in National Seminar on Sustainable Natural Resource Management, Water Resources, Role of Biotechnology in the Development of Uttarakhand, held at Govt. (PG) College, Rishikesh, India on 25-26 Feb. 2008 [Page No. 59]
19. **Rathee, N.S.**, Goyal, M., Handa, P. & Pandey, M. “Studies on Biodegradation of Petroleum Hydrocarbons present in Water Soluble Fraction of Engine Oil” Published in National Seminar on Recent Advances in Vector Biology & Control, held at D.A.V. (PG) College, Dehradun, India on 03-04 Dec. 2008 [No. 67]
20. Saxena, R.M., Handa, P., Pandey, M. & **Rathee, N.S.** “Effect on Petroleum Hydrocarbons on a Freshwater Fish *Puntius ticto*” Published in National Seminar on Recent Advances in Vector Biology & Control, held at D.A.V. (PG) College, Dehradun, India on 03-04 Dec. 2008 [No. 68]
21. Saxena, R.M., Goyal, M. **Rathee, N.S.** “Salivary α -amylase: Extraction, Purification and Kinetic Characterization” Published in National Seminar on Recent Advances in Vector Biology & Control, held at D.A.V. (PG) College, Dehradun, India on 03-04 Dec. 2008 [No. 74]
22. Gupta, A.K., **Rathee, N.S.** & Kakkar, P. “Studies on Biodegradation of Water Soluble Fraction of Petroleum Hydrocarbons in Water” Published in National Seminar on Bio-Degradation and Bioremediation: A Novel Remedy for Pollution Abatement, held at Uttaranchal College of Technology and Bio-Medical Sciences, Dehradun, India on 18-Feb.2012 [Page. No. 24]
23. **Rathee, N.S.** “Study on Magnetic Susceptibility of Schiff Base and its Complexes with Cd(II), Fe(III), Mn(II), Cu(II) and Co(II)” Published in National Conference on Advances in Chemical Sciences (ACS-2013), held at Department of Chemistry, Maharishi Dayanand University, Rohtak, India on 01-02 March 2013.
24. Singh, S. & **Rathee, N.S.** “Revised Framework of NAAC for Accreditation of Colleges and Universities in India” Presented (Also Published) in Proceedings of NAAC Sponsored One Day National Webinar on A Critical Evaluation of Revised Assessment Framework of NAAC, organized by IQAC, Markanda National College, Shahabad Markanda on 20-02-2022 [Page No. 06-10] [ISBN: 978-93-5457-141-1].

25. **Rathee, N.S.** & Aggarwal, S.G. “Paradigm Shift in Teaching and Learning during Pandemic in India” Presented (Also Published) in World Education and Science Summit – 2022 (3rd International Conference) held at Pt. L.M.S. Rishikesh Campus, Sri Dev Suman University, Uttarakhand.
26. Aggarwal, S.G. & **Rathee, N.S.** Presented (Also Published) “Genius Hours: An Urge into Present Scenario” in World Education and Science Summit – 2022 (3rd International Conference) held at Pt/ L.M.S. Rishikesh Campus, Sri Dev Suman University, Uttarakhand.
27. Kumar, D.; Saraf, A.K. & **Rathee, N.S.** Presented Research Paper on “PV Module Technologies Currently Employed for the Manufacturing of PV Module in India” in “1st International Conference on Mechanical Engineering Research and Evolutionary Challenges – 2023” Organized by NIT, Warangal on June 23-25, 2023.
28. Lal, M.; Sharma, S. & **Rathee, N.S.** “Synthesis and Characterization of (E)-4-(((4-methoxyphenyl)imino)methyl)phenol and Their Metal Complexes” National Seminar on “Recent Trends in Basic And Applied Science” organized by Department of Sciences, Jagannath University, Bahadurgarh on 28/02/2024.
29. Singh, S. K.; Bhatt, K.; Pandey, A.; Arya, S. & **Rathee, N.S.** “Impact of toxic pollutant water in agriculture, environment, livestock and human: A review” National Seminar on “Recent Trends in Basic and Applied Science” organized by Department of Sciences, Jagannath University, Bahadurgarh on 28/02/2024.
30. **Rathee, N.S.** & Singh, S. K. “Study on Microbial Biodegradation of Water-Soluble Fraction of Engine Oil” National Seminar on “Recent Trends in Basic and Applied Science” organized by Department of Sciences, Jagannath University, Bahadurgarh on 28/02/2024.

(Dr. Niranjan Singh Rathee)

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