

Dr. Pooja R. Mohobe

{M.Sc., B.Ed., M.Phil., PhD, NET}

Educational Qualification

- **NET**
Qualified CSIR- NET for Lectureship in 2015.
- **PhD**
PhD awarded under the guidance of Dr. H.D. Juneja, Former Dean, Faculty of Science and Technology, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and Former Head, Department of Chemistry, RTMNU (2015).
- **M.Phil Chemistry**
Research done for the degree of M. Phil at Department of Chemistry, RTMNU under the guidance of Dr H.D. Juneja, (2008).
- **M.Sc. Chemistry** (Organic chemistry) with 60.50% from Seth Kesarimal Porwal College, Kamptee, R.T.M. Nagpur University, Nagpur in 2007 (R.T.M. Nagpur University).
- **B.Sc. (PCM)** passed in Second class from S.F.S college, Seminary Hills Nagpur in 2003 (R.T.M. Nagpur University).
- **B.Ed. (Mathematics, Chemistry)** in first class in 2006 from Shri Laxmanrao Mankar College of Education Amgaon, Dist. Gondia
- **HSSC** passed in Second class from S.F.S college, Seminary Hills, Nagpur in 1999 (Maharashtra state Board).

Computer skills

- MS-Office
- 'C-language
- E-com (HTML, Java Script, Oracle 8i, Visual Basic, Java, Advanced Java, Photoshop, Flash etc)

Work Experience

- Currently working as Assistant Professor at Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur from 15 June 2019.

- One year experience at Nagpur Institute of Technology on Regular Basis (UGC) (2016-17)
- One year experience at Priyadarshini college of Engineering (2015-16).
- One year experience at Central India College of Engg, Gurunanak Group of Institutions at Regular basis (UGC) (2014-15).
- One year experience at G.H. Rasoni college of engineering, Nagpur (2013-2014)
- *Four year* experience (2009-2013) as Adhoc lecturer (M.Sc) in S.F.S. college, Seminary Hills, Nagpur
- *Three year* experience (2009-2012) as contributory lecturer (M.Sc) in Department of Chemistry, RTM Nagpur University, Nagpur.
- *One year* experience (2007-08) as contributory lecturer (B.Sc , M.Sc) in S.K. Porwal College, Kamptee, Dist: Nagpur
- *Three months* experience (2002) as instructor in Big-Byte computers, Nagpur.

Committees Confronted

- **NBA** committee at G.H. Rasoni college of engg, 2014.
- **NAAC twice** at S.F.S. college and DRB Sindhu Mahavidyalaya (2019).

Research Experience: 7yrs (1.5yrs for M. Phil and 5.5yrs for PhD)

Book Published: A Text book of Chemistry for B.Sc. Semester-III, Sai Jyoti Publication,

ISBN: 9789391201975, July 2022

Book Chapter Published in Reviewed Books:

- 1) Drinking water contamination and health Implications with respect to fluoride and Pesticide in Maharashtra state, Science of Environment Vol 2, Scieng Publications, 978819-5555710, Vol 2, 41-47, May 2022.
- 2) A Motivational Story of a Renowned Woman Entrepreneur and Innovator of Nagpur, Maharashtra, Dawn of Women Empowerment and Entrepreneurship, Notion Press, Dawn of Women Empowerment and Entrepreneurship, ISBN-9798887493503, 61, July 2022
- 3) Women empowerment through entrepreneurship in Nagpur Region of Vidarbha, Dawn of Women Empowerment and Entrepreneurship, ISBN-9798887493503, 19, July 2022.

- 4) Legal Recognition of Transgender in India: Current Status and Challenges, Voices of Marginalized Gender, ISBN: 9798894158808, 36, May 2024
- 5) False Representation of the Marginalized Gender by the Recent Bollywood and Tollywood, Voices of Marginalized Gender, 44, May 2024.

Paper Publication

1. World Applied Science Journal, Synthesis of β -diketone and its Metal Complexes, 14(8), 1154-1157, **2011**.
2. International Journal of ChemTech Research, Synthesis and Characterization of 1-(2', 4' dihydroxy-5-nitrophenyl)-3-(pyridin-3-yl)-propane-1, 3-dione and its metal complexes, 4(3), 1000-1006, **2012**.
3. Journal of Pharmaceutical research and clinical practice, Antibacterial screening of some novel metal β -diketonates, 2(3), 6-12, **2012**.
4. National conference on Advanced Research Trends, GHRCE, Thermogravimetric Analysis of 1-(2', 4' dihydroxy-5-nitrophenyl)-3-(pyridin-3-yl)-propane-1, 3-dione and its metal complexes, **2014**.
5. Synthesis and Antibacterial screening of Metal β -diketonates, Int. J. Scientific Research in Science and Technology. 9(6), 384-392, 2395-6011, 13/10/**2021**.
6. Recent progress in the mitigation of nanomaterials via the biosynthetic method of plant extract, AIP conference proceedings, 2974, 020043, **2024**, <https://doi.org/10.1063/5.0181977>
7. Recent advances in the rare earth metal doped nanomaterials and their applications in biomedical imaging techniques, AIP conference proceedings, 2974, 020044, **2024**, <https://doi.org/10.1063/5.0181801>

Paper/Poster Presented

1. National Workshop and Poster presentation competition on Non-conventional and Renewable energy 25 August 2007, S.F.S. College, Nagpur.
2. National Conference on Development and Analysis of Drugs, 15 March 2008, Jalgaon.
3. 3rd National Conference on Thermodynamics of Chemical and Biological Systems, 16th & 17th October 2008, Nagpur.
4. International conference on chemistry for mankind, 9th - 11th Feb 2011.
5. 6th National Conference on Thermodynamics of Chemical and Biological systems", 2nd - 4th November 2011, Rohtak(Haryana).

6. 7th National Symposium and Conference on Solid State Chemistry and Allied Areas, 24th - 26th November 2011, New Delhi.
7. National conference on Advanced Research Trends, GHRCE, 2014.
8. International Conference on Futuristic Materials and Emerging Trends in Forensic and Life Sciences, 2015.
9. 11th National Conference on Solid State Chemistry and Allied Areas (NCSCA-2019), Seth Kesarimal Porwal College in association with ISCAS, JAMMU, 2019.
10. International Conference on Advances in Physical, Chemical and Mathematical Sciences, Department of Physics, Chemistry and Mathematics, LIT, RTMNU, Nagpur, 13-16 feb,2020
11. International Conference in Material Science and spectroscopy, Maharishi university of Information and Technology, 2021.
12. International conference on New Horizons and Trends in Chemical Sciences, Dept of Chem., DRB Sindhu Mahavidyalaya Nagpur, 2022
13. 2nd International Virtual Conference on Current Scenario in Chemical Sciences (CSCS - 2022), School of Chemical Sciences, Moolji Jaitha College, Jalgaon, 2022.
14. International Conference on Adopting green initiatives for sustainability-2022, Priyadarshini College of Engineering, 2022
15. 2nd International conference on multidimensional role of basic science in Advanced technology, K.D.K. college of Engineering, Nagpur, 2022.
16. National e-conference on "Recent trends in Material and Green Chemistry", 13th Jan 2024, Raigad.
17. International conference on Recent technology in innovative Smart System, 20th Jan 2024, Faridabad.
18. International conference on Functional Materials, 15th & 16th March 2024, Katol, Nagpur.
19. 13th National Conference on Thermodynamics of Chemical and Biological systems, 26th to 28th Oct 2023,

Participation:

1. 5th National Symposium and Conference on Solid state chemistry and allied areas 28th - 30th November 2007, Nagpur

2. National Workshop and Poster presentation competition on Non-conventional and Renewable Energy 25 August 2007, S.F.S. College, Nagpur.
3. Poster presented at National Conference on Development and Analysis of Drugs, 15 March 2008, Jalgaon.
4. State-level Workshop on Micro Scale Techniques in Chemistry, 10th-11th March 2008, Koradi.
5. Poster presented at 3rd National Conference on Thermodynamics of Chemical and Biological Systems, 16th & 17th October 2008.
6. Workshop on Women Entrepreneurship Development Program, 16th March 2009.
7. Poster presented at International conference on chemistry for mankind, 9th, 10th & 11th February 2011.
8. Workshop on Nuclear Waste Management, 19th November 2011, Nagpur.
9. National Conference on Advanced Research Trends, GHRCE, 2014.
10. International Conference on Futuristic Materials and Emerging Trends in Forensic and Life Sciences, 2015.
11. 11th National Conference on Solid State Chemistry and Allied Areas, Seth Kesarimal Porwal College in association with ISCAS, JAMMU, 2019.
12. International Conference on Advances in Physical, Chemical and Mathematical Sciences, Department of Physics, Chemistry and Mathematics, LIT, RTMNU, 13-16 feb, 2020
13. International Conference in Material Science and spectroscopy, Maharishi university of Information and Technology, 2021.
14. International conference on New Horizons and Trends in Chemical Sciences, Dept of Chem., DRB Sindhu Mahavidyalaya Nagpur, 2022
15. 2nd International Virtual Conference on Current Scenario in Chemical Sciences, School of Chemical Sciences, Moolji Jaitha College, Jalgaon, 2022.
16. International Conference on Adopting green initiatives for sustainability-2022, Priyadarshini College of Engineering, 2022
17. 2nd International conference on multidimensional role of basic science in Advanced technology, K.D.K. college of Engineering, Nagpur, 2022.
18. National e-conference on "Recent trends in Material and Green Chemistry", 13th Jan 2024, Raigad.

19. International conference on Recent technology in innovative Smart System, 20th Jan 2024, Faridabad.
20. International conference on Functional Materials, 15th & 16th March 2024, Katol, Nagpur.
21. 13th National Conference on Thermodynamics of Chemical and Biological systems, 26th to 28th Oct 2023,

Membership:

1. Life time membership of Indian Society of Technical Education.
2. Life member of Indian Society of Analytical Scientist.

Other Activities:

- Bharatnatyam (3yrs course)
- Sports (Volleyball)

Personal Profile:

Father's Name: Nandkishor Verma

Date of Birth: 27 February 1982

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