

CURRICULAM VITAE

Dr. Narendra Kumar Awasthi

M.Sc., Ph.D.

Professor of Chemistry,

B. S. N. V. P. G. College,

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Educational Qualifications:

- ❖ **Doctoral of Philosophy (Ph.D., 2013):** Lucknow University, Lucknow
Title of Ph. D Thesis: *An investigation leading to design and synthesis potential candidate molecule for studying their function regulating carbohydrates and lipid metabolism/utilization.*
Supervisor: Prof. V. K. Pandey, Professor in Organic Chemistry
- ❖ **Master of Science (M.Sc., 1989):** Lucknow University, Lucknow
Specialization: Physical Chemistry
- ❖ **Bachelor of Science (B.Sc., 1987):** Lucknow University, Lucknow
- ❖ **Intermediate (12th, 1985):** Jai Narain Inter College, Lucknow
- ❖ **High School (10th, 1982):** Jai Narain Inter College, Lucknow

Professional Research/Teaching Experiences:

- ❖ **Professor of Chemistry (31, October, 2021- Till date):**
B. S. N. V. P. G. College, Lucknow, Uttar Pradesh, India-226001
- ❖ **Doctor of Philosophy (Ph.D., 2013):**
University of Lucknow, Lucknow, Uttar Pradesh, India-226001

Research Publications: Published 15 research papers in various national journals.

1. Pandey, V. K.; Awasthi, N. K.; Singh, N.; Jain, N.; Singh, S. K.; Pandey, Y.; Mishra, B. K.; and Sharma, Y. K. Synthesis physiological and Biochemical Impact of Quinolinylnyl Triazoles on seed germination and Seedling growth In PEA. *Lucknow Journal of Science* **2008**, 5, 1-8.
2. Vishnoi, A.; Pandey, V. K.; Awasthi, R.; Tiwari, A. K.; Singh, S. K.; Singh, N.; and Awasthi, N. K. Synthesis Characterization and Hypoglycemic activity of s-Triazines from α - Amido/imido Alkylated Carboxylic Acid. *Lucknow Journal of Science* **2009**, 6, 37-42.
3. Pandey, V. K.; Jain, N.; Awasthi, N. K.; Singh, S. K.; Mishra, B. K. Synthesis Characterization and Bio evaluation of 1,2 disubstituted Benzimidazole Derivatives for Their Anti-Plant Virus Activity. *Lucknow Journal of Science* 6, 13-22.
4. Awasthi, N. K.; Lodhi, H. S.; Verma, R. S. Cadmium: A threat to aquatic environment. *International Journal of Drug Discovery* **2009**, 10 (1), 97-103.

- Vishnoi, A.; Awasthi, R.; Pandey, V. K.; Tiwari, A. K.; Awasthi, N. K.; Singh, S.; Drug design based on the principle of Conjunction: synthesis characterization and Antihyperglycemic Activity study 3-[2-(3-aryoyl-2,4-diphenyl-3,4-dihydro-2h[1,3] oxazino[5,6-h] Quinoline-6-yl) Ethyl]2-phenyl-quinazolin-4(3h)-ones. *Lucknow Journal of Science* **2009**, *1*, 52-55.
- Pandey V. K., Jain N., Awasthi N. K., Singh, S. K., Mishra B. K. *Lucknow Journal of Science*, 6(1- 2) Jan to Dec pp. 13-22.
- Pandey V. K., Awasthi, R., Awasthi, N. K., Singh N., Yadav A. S., Abbasi M. An investigation leading to synthesis of 3,6-dibenzoyl-1,4-disubstitued-1'4-dihydro-1,2,4,5-tetrazines for their antiviral activity. *Lucknow Journal of Science*, **2010**, *7*, 1-8 (Jan to June).
- Singh A. K., Pandey V. K., Abbasi M., Singh, N., Yadav, A. S., Jain, N., Awasthi, R. and Awasthi N. K. Synthesis of piperazine 1,4-BIS (3-Arylamido/imidoalkyl-4-methyl benzene Sulphonates) for studying their effects on Cardiovascular system (CVS). *Lucknow Journal of Science* **2010**, *7*, pp. 9-14 (Jan to June).
- Awasthi, D. K., Awasthi, N. K., and Chauhan, S. Respiratory Problems-Air Pollution. *Bauddhik Bharat* **2014**, *2*, 69-70 ISSN :2320-9844
- Awasthi, N. K. An Investigation leading to the synthesis of [(Amido/Imido-2-yl)) Akyl]-4-oxo-1-Phenyl-quinazolin-3(4H)-Caboxamides. *International General of Technical research and application* **2015**, Vol *3* issue 5 (Sep-Oct), ISSN 2320-816310.
- Awasthi, N. K. Harmful Effect of arsenic poisoning : *International Journal of Applied Research* **2017**, Vol *3*, 966-968, Issue 8 ISSN 23915859
- Awasthi, N. K. Combined action of ultrafine particles and polycyclic aromatic hydrocarbon on human body : *International Journal of Applied Research* **2018**, Vol *4* (7), 271 -272.
- Awasthi, N. K Antilipidaemic Drugs Journal of Applied Chemistry (IOSR-JACK) 2018, Vol 11(3), pp. 75-79 , IOSR EISSN 27785736.
- Awasthi, N. K., Awasthi, D. K. Diabetes Type-2 and Covid-19. *World Journal of Pharmaceutical and Medical Research* Vol *7*, 197-200
- Awasthi, D. K., Awasthi, N. K. Panic-Triple Mutant Variant. *International Journal of Science and Academic Research: Meet Kamal* Vol *2* (12), 3226-3228, ISSN 25826425.
- Awasthi, N. K., Awasthi, D. K. Detergent and Environment. *World Journal of Pharmaceutical and Medical Research* **2022**, Vol *8* (2), 200-202.
- Pandey V. K., Jain N., Awasthi, N. K., Singh, S. K., Mishra, B. K. Synthesis Characterization and Bio evaluation of 1,2 disubstituted Benzimidazole Derivatives for Their Anti-Plant Virus Activity. *Lucknow Journal of Science*, Vol *6* (1- 2), pp. 13-22 (Jan to Dec).

Books / Book- chapters: 2 Book chapters :-

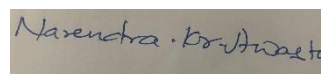
- Antihyperglycemic activity of various compounds pp. 202-232 in Dec-2021 by MKSES Publications, LKO, ISBN: 978-81-94305-5-6
- Nanotechnology granted features of self-cleaning textiles pp. 40-49 in Apr-2021 by MKSES Publications, LKO. ISBN: 978-81-94305-5-6

Seminar/ Conferences/ Resource Person: Presented paper in 10 national conference/seminars.

- Participated in Ref. course in chemistry Sep-7 to Sep- 27, 2000 at Lucknow university academic Staff College
- Orientation Program May 1-30 1992 Lucknow university academic Staff College.
- Participated in Ref. course in chemistry Dec-8 to Dec- 28, 2001at Lucknow university academic Staff College
- Participated in 89th session of Indian Science congress in Lucknow 3-7 Jan. 2002
- Participated in work in workshop organized by “Vagyanic Thata Takniki sabdawali Ayog “H.R.D. ministry 20/09/02 -22/09/02 at Lucknow university.
- Participated in the National symposium on Innovative methods in chemistry education held at C.D.R.Lucknow 22nd Oct -2005.
- Participated in seminar on Frontiers of spectroscopy SFS-2008, Nov 10- 11 ,2008 organized by University of Lucknow, Lucknow & MRSI – Lucknow chapter.
- Participated in seminar on Organometallic chemistry on March 31,2010 at Lucknow University.

9. Participated in international conference on chemistry and materials Prospects and Perspectives Dec 14-16 ,2012 at B.B.A university, Lucknow.
10. Participated in National seminar on Environmental Degradation and Aquaculture 28 April, 2013 at B.S.N.V.P.College Lucknow.
11. Participated in National conference Role of mathematics in advancement of science and technology October 18-20,2013 at B.S.N.V.P.G college Lucknow.
12. Participated in National symposium on IMCE & NCCT October 8-10 ,2015 at University of Lucknow.
13. Co-Convener in National seminar on save FEW (Fuel, Electricity, Energy, Environment & Water) held at J.N.P.College Lucknow & presented paper entitled Green Technology.
14. Presented a paper entitled Scientific, Disciplined, Skilled and knowledgeable youth at higher education in National seminar on Higher education: Issues, Challenges, Prospects and Strategies September 11 ,2016 at Mumtaz P.G. College, Lucknow
15. Participated in National Seminar on Digital learning opportunities and Challenges in higher education institutes at B.S.N.V.P.G college Lucknow May
16. Participated in National seminar on changing paradigm of Higher education in India: Issues and challenges with special reference to Uttar Pradesh, October 10 ,2018 at National P. G. College, Lucknow.
17. Participated in National conference On Chemical sciences: advancing Frontiers March 15-16 ,2019, at Lucknow University.
18. Participated in International conference on Global Environment & Human Existence: changes & challenges September 7 & 8, 2019 at Navyug Kanya Mahavidyalya at Lucknow
19. Presented a paper in all India seminar on Chemical and Biochemical Process intensification entitled solvent based CO₂ capture technologies 25 & 26 October 2019 at Kolkata.
20. Participated in 14th National conference on science & Technology: Rural development February 8-9 ,2020 at DrShakuntala Misra National Rehabilitation University Lucknow.
21. Chaired and adjudged in National Seminar on Prospects of Science & Society in the Era of AI March 3-4 2020 at BSNVPG college (KKV), Lucknow.
22. Organized National webinar on the Role of Chemistry in Sanitization and Personal Hygiene in context of Covid-19 19th May, 2020 at BSNVPG college (KKV).

I here by declare that all the information given on the above is true and best of my knowledge.



Prof. N. K. Awasthi
(Professor in Physical Chemistry)