

Brief Profile



Dr. Dinesh K. Yadav
Scientist

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Educational Background

Ph.D (Agricultural Chemicals), ICAR-Indian Agricultural Research Institute, New Delhi (2020); M.Sc (Agricultural Chemicals), ICAR-Indian Agricultural Research Institute, New Delhi (2016). B.Sc. (Ag.) Hons., Junagadh Agricultural University, Gujarat (2014).

Research Specialization: Agrochemicals

Agrochemicals Development

Natural product chemistry

Nutraceuticals

Professional Experience:

I have more than 6 years of experience in research in the field of agrochemicals. I have published/accepted 4 research papers of national (1) and international (3) reputed journals.

Awards and Honours:

- Seth Lachhiram Chudiwal Award (2020-2021) for Best PhD Thesis in the field of Agricultural Chemicals by ICAR-IARI (2021)
- Prime minister's Fellowship for Doctoral Research by DST-SERB, GOI (2017-2020)
- Senior Research Fellowship awarded by ICAR-IARI, New Delhi (2016-2017)
- SPS India Best M.Sc. Thesis Award by Society of Pesticide Science India, ICAR-IARI, New Delhi (2017)
- Junior Research Fellowship awarded ICAR-IARI, New Delhi (2014-2016)
- Medal-Cum-Cash Prize by Society of Extension Education, Gujarat (2016)
- Gold Medal for securing first position in B.Sc. (Ag.) Hons. (2016), Junagadh Agricultural University, Gujarat
- National Talent Scholarship awarded by ICAR, New Delhi (2010-2014)

Publications:

Yadav, D.K., Sharma, K., Dutta, A., Kundu, A., Awasthi, A., Goon, A., Banerjee, K., Saha, S., (2017) "Purity Evaluation of Curcuminoids in the Turmeric Extract Obtained by Accelerated Solvent Extraction". *Journal of AOAC international*, 100 (3),586-591. DOI:10.5740/jaoacint.17-0057

Yadav, D.K., Kaushik, P., Pankaj, Rana, V.S., Kamil, D., Khatri, D. and Shakil, N.A. (2019). "Microwave assisted synthesis, characterization and biological activities of ferrocenyl chalcones and their QSAR analysis". *Frontiers in chemistry*, 7, 814. DOI: 10.3389/fchem.2019.00814.

Yadav, D.K., Tripathi K.P., Kaushik, P., Pankaj, Rana, V.S., Kamil, D., Khatri, D. and Shakil, N.A. (2021). "Microwave assisted synthesis, characterization and biological activities of ferrocenyl chalcones and their QSAR analysis: Part II". *Journal of Environmental Science and Health, Part B*, 56(1): 82-97.DOI:10.1080/03601234.2020.1838828.

Yadav, D.K., Tripathi K.P., Pankaj, Kaushik, P., Rana, V.S., Khatri, D. and Shakil, N.A. (2020). "Antinemic activity of ferrocenyl chalcones against Meloidogyne incognita infestation in tomato". *Indian Journal of Agricultural Sciences*, (Accepted).