

CURRICULUM VITAE

Dr. Ram kishore

Date of Birth: 07th July 1987

Contact no. - 09458566293

Email ID: ramkishoreshukla123@gmail.com

Education background:

- Ph. D. (Organic Chemistry) from Amity University, Uttar Pradesh in 2021.
- M.Sc. (Organic Chemistry) from Lucknow University, Lucknow in 2011.
- B.Sc. from C.S.J.M University, Kanpur in 2009.
- 12th from U.P. Board in 2006.
- 10th from U.P. Board in 2003.

CAREER OBJECTIVE:

To get placed in an exemplary organization where I can work honestly towards accomplishing the organizational goals and objectives by rendering my skills and talents for the growth of the organization and in the process gaining by learning something new from my experience in the organization.

RESEARCH EXPERIENCE:

- Have 2 year 4 month experience of Synthesis R&D in **Jubilant Chemsys Ltd, Noida** and appointed here as a post of Research associate from 1st **JULY 2011 to 25th NOV-2013**.
- Presently working as an Associate Scientist from 2nd December 2013 in (**Otsuka AgriTechno Co. Ltd (OAT)**, Japan to set up a new research and development (R&D) Centre at Chopanki (Rajasthan) for new products in the country & joint venture with **IIL INDIA Laboratories private ltd.** Chopanki (Bhiwadi) at till date.

DUTIES AND RESPONSIBILITIES:

Analyzing the Project details sent by the client, doing literature search with the help of Sci-finder and other sources like Journals. Synthesizing molecules and doing their purification as per work plan and shipping those to the client within the deadlines, documenting the experiments as per client requirement, troubleshooting, and reporting to Group Leader are part of the work. Organic synthesis, pharmaceuticals and intermediates, CRO and CRAMS, agrochemicals, pesticides, insecticides, organic dyes and pigments, API, basic research, process development and scale-up, method validation, technology transfer from R and D to pilot plant and plant.

JOB PROFILE:

- ❖ Custom Synthesis of molecules from milligram to kilogram scale.
- ❖ Synthetic route optimization and development of various novel compounds

REACTION HANDELED:

- ✚ Experienced in handling organometallic reactions like Wittig reaction, Suzuki Coupling, Heck coupling, Grignard reaction, Mitsunobu reaction, Chan-Lam coupling, etc.
- ✚ Have carried out the reactions like Swern oxidation, Dess-Martin periodane oxidation, Biginelli reaction, Hofmann rearrangement, Vilsmeier-Haack reaction, Sandmeyer reaction, catalytic reduction, Protection and deprotection, coupling reactions, peptide synthesis, Knoevenagel condensation, Demethylation, Oximation, F-C alkylation & Acylation, Esterification, Ester hydrolysis, Nucleophilic substitution, Iodination, Chlorination, Bromination, Fluorination, etc.
- ✚ Familiar with reagents like, *n*-BuLi, *t*-BuLi, LiHMDS, KHMDS, NaHMDS, Grignard reagents, LiAlH₄, NaBH₄, NBS, NaN₃, KOtBu, POCl₃, DAST, NaH, EDC, HOBT, HATU, SOCl₂, (COCl)₂, (COCl)₃, NaCN, etc.
- ✚ Skilled in the reactions of catalysts like Pd-C, Pd(OAc)₂, Pd(PPh₃)₂Cl₂, PdCl₂, Pd(PPh₃)₄, Cu(OAc)₂, Cu(OTf)₂, etc.
- ✚ Used the instruments like Parr shaker, Microwave synthesizer.
- ✚ Worked on several types of functional group transformation reactions.
- ✚ Experienced in preparation of different gases like HCl, NH₃, Chlorine, SO₂.
- ✚ Experienced in multistep synthesis.

RELEVANT SCIENTIFIC SKILLS LEARNT:

- ✚ Handling moisture sensitive reactions.
- ✚ Drying and distillation of organic solvents like THF, Acetone, Diethyl ether, MeOH, EtOH, DMF, Benzene, Toluene, Xylene, Triethyl amine and DCM etc.
- ✚ Experienced in doing and monitoring the reactions in the temperature range from -78⁰C to 200⁰C.
- ✚ Purification of organic compounds by distillation, vacuum distillation, crystallization, Combi flash, gravity & flash column chromatography, preparative TLC, Trituration techniques.


- ✚ Interpretation of spectral data from NMR, LC-MS, IR,.
- ✚ Well versed in literature searching using software's such as Scifinder, Chem. Draw, Microsoft Office and other basic computer knowledge.

List of Research Patent:

- ✚ Patent No. WO 2016/063293 A1, WO 2016/092559 A1Pat. Appl. (2016), IN 2014DE02997 A 20160831, Pat. Appl. (2015) IN688DE2015. Indian Patent. Appl. (2018), IN201611024522 A 20180302. PCT Int. Appl. (2018), WO2018015582 A1 20180125. PCT Int. Appl. (2018), WO 2018015797 A1 20180125.

Publications in Peer Reviewed National and International Journals:

- ✚ Ram kishore, M. Kamboj, M. Shukla and Devdutt Chaturvedi, *Asian Journal of Chemistry*, **32 (1)**, 183-186, (2020).
- ✚ R. Kishore, M. Kamboj, M. Shukla, N. Srivastava, *Asian Journal of Chemistry*, **31(5)**, 1091-1094 (2019).
- ✚ Ram Kishore, Monika Kamboj and Manisha Shukla, *Oriental Journal of Chemistry*, **34(6)**, 2878-2883, (2018).
- ✚ Ram Kishore and Monika Kamboj, *World Journal of Pharmaceutical Research*, **7(8)**, 1098-1109, (2018).
- ✚ Ram kishore, M. Kamboj, and Devdutt Chaturvedi, *IJCRT* **(6), 1**, (2018).
- ✚ Ram kisore, Nitin Srivastava, *Journal of Sulfur Chemistry*, (2020), **42(1)**, 29-39.
- ✚ Ram Kishore, Nitin Srivastava, Namrata Kalia, Jatinder Singh, Devdutt Chaturvedi*; *Der Pharma Chemica*, (2021), **13(2)**: 36-47.
- ✚ Ram Kishore, Rishi Kumar Visnnoi, Sangeeta Bajpai*, Devdutt Chaturvedi*, Manisha Shukla, and Nitin Srivastava, *Asian Journal of Chemistry*; Vol. 33, No. 5 (2021), 1133-1136.
- ✚ Ram kisore, Nitin Srivastava, *Indian Journal of Heterocyclic Chemistry*, Vol. 31(3), 347-355.
- ✚ Ram kisore, Nitin Srivastava, *Indian Journal of Heterocyclic Chemistry*, Vol. 31(2), 365-271.
- ✚ Ram Kishore, Nitin Srivastava, Devdutt Chaturvedi*; *Research Journal of Chemistry and Environment*; Vol. 25 (12) December (2021).

 **Ram Kishore**, Rishi Kumar Visnnoi, Sangeeta Bajpai*, Devdutt Chaturvedi*;
Research Journal of Chemistry and Environment; Vol. 25 (6) June (2021).

IT SKILLS:

- MS office

STRENGTHS:

Ability to perform better under pressure, will-power, fast learner, enthusiastic, can adjust myself in any environment accordingly, strong convincing power, persuasive nature.

PERSONAL INFORMATION

Date of Birth	:	07 th July 1987
Father's Name	:	Mr. Shivprasad
Mother's Name	:	Mrs. Manjudevi
Gender	:	Male
Marital Status	:	Married
Nationality	:	Indian
Language proficiency	:	English and Hindi

Permanent address:

Village & Post- Katkusama
Dist.: Lakhimpur Kheri
Uttar Pradesh – 262728.

Current address:

A3-504, 5th Floor,
Avalon Royal Park, Bhiwadi,
Rajasthan - 301019.

DECLARATION

I, hereby, declare that the information furnished above is correct to the best of my knowledge and belief.

Date: 26-06-2021

Place: BHIWADI

(Dr. RAM KISHORE)