

RESUME

UPESH MANDLOI

Address: - Village + Post – Patan,
Tehsil- Shyampur, District - Sehore, Madhya Pradesh
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OBJECTIVE: -

Seeking a challenging and progressive position to utilize my current organic and medicinal chemistry skills/training to fulfil the organization goals and to become more acquainted with organic chemistry and drug discovery.

ACADEMIC DETAILS: -

- **M. PHARM.:** S.G.S.I.T.S., Indore, (RGPV Bhopal), 2021, 75.5%.
- **M. PHARM. Project:** In-Silico Design, Synthesis, and Biological Evaluation of 3,5-Dibenzylidene Piperidone Derivatives as Anti-Dengue Agents
- **B. PHARM.:** NRI Institute of Pharmacy Bhopal (RGPV Bhopal), 2019, 72.3%.
- **B. PHARM. Project:** Extraction, Phytochemical and Pharmacological Screening of *Achyranthes Aspera* Linn for Analgesic Activity
- **12th:** The Star Public H.S. School Sehore (M.P Board) 2016, 74.8%.
- **10th:** Kalpna Vidhya Vihar H.S School, Patan (M.P Board) 2013, 63%.

ORGANIC AND CHEMISTRY SKILLS: -

- Well-versed with multi-step synthesis of organic compounds using microwave-assisted synthesis (Anton Paar 300) as well as conventional method.
- Able to carry-out milligram scale to gram scale organic synthesis.
- Acquainted with characterization of organic compound, using NMR, IR, LC-MS, TLC and Melting Point.
- Able to perform purification of organic compounds using column chromatography, recrystallization and trituration.
- Independently evaluate and troubleshoot the day to day synthesis issue.
- Proficient in handling various types of chemicals used in laboratory.

IT KNOWLEDGE & COMPUTER SKILLS

- Structure drawing tools: Chem Draw 2D 12.0 Ultra, Biovia sketching, ACD lab and Bio render.
- Plagiarism detection tools: Turnitin and Urkund.
- Citation tools: Mendeley, Endnote.
- Well versed with MestreLab (Mnova) for NMR Interpretation.
- Literature search using open source platforms like Google, Bing etc., as well as through various publishers like, Springer, Nature, ScienceDirect, Bentham, ACS etc.
- Adopted in writing Lab Note Book (LNB) for synthetic work.
- Accomplished molecular docking using software like Schrodinger (Maestro 9.1), Auto dock –Vina, and used UCSF Chimera and Pymol for visualization.
- Have an experience to work on MS-office (Excel, PowerPoint, Excel).

CERTIFICATION: -

- Qualified **GPAT-2019 (AIR Rank 1500)**
- 90 Days training under Summer Research Training Program (SRTP) by CSIR NIST Jorhat 2020.
- Participated in Drug Discovery Hackathon (DDH) 2020.
- 30 Days training under Drug and Testing Laboratory (Food and Drug Administration), Bhopal 2018.

STRENGTHS: -

- Always energetic and self-motivated.
- Straight forward person.
- Sincere and honest.
- Apt decision maker.

PERSONAL DETAILS: -

- Date of Birth - 15 Jun 1998
- Father's Name - Mr. Nathuram Mandloi
- Nationality - Indian
- Language - English and Hindi
- Marital Status - Unmarried
- Hobbies - Writing skill, Motivational Speech, Singing, Cooking

AREA OF INTEREST: -

- Synthetic research and development.
- Analytical research and development.

REFERENCES: -

Dr. (Mrs.) Neha Kawathekar

(Professor S.G.S.I.T.S, Indore)

Email: Kawathekar.neha@gmail.com, Contact: +91 9827020644

Dr. Omprakash Tanwar

(Assistant Professor S.G.S.I.T.S, Indore)

Email: op0816@gmail.com, Contact: +919650023092

DECLARATION: -

I hereby declare that the above information furnished by me is correct up to best of my knowledge.

Date: -

Signature

Place: - Indore

UPESH MANDLOI