

CURRICULUM VITAE

Dr. Sunil Kumar

Assistant Professor (Chemistry)
Dept. of Higher Education
Govt. of Himachal Pradesh, Shimla

PERSONAL INFORMATION

Date of Birth: 05 January 1987
Father's name: Sh. Mohinder Pal
Nationality: Indian
Marital Status: Married
Languages Known: English, Hindi, Punjabi
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PRESENT ADDRESS

Dept. of Chemistry
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Pin- 173 025

PERMANENT ADDRESS

Vill. & Post Office -Jarot,
Sub Teh- Nagrota Surian
Distt.- Kangra (H.P.) India,
Pin- 176027.

Academic Qualifications

Level	Year	Institute/University
Ph.D. (Organic Electronics)	2018	Indian Institute of Technology Roorkee (IITR)
M.Phil. (Organic Chemistry)	2013	HP-University Shimla, India
M.Sc. (Organic Chemistry)	2011	HP-University Shimla, India
B.Sc. (Non-Medical.)	2007	MCM DAV College Kangra (HPU Shimla)
10+2. (Non-Medical.)	2004	Govt. Sr Sec School- Nagrota Surian (HPBSE Dharamshala)
Matriculation	2002	Govt. High School- Amlala (HPBSE Dharamshala)

Work Experience

March 2017- Till date-Assistant Professor of Chemistry in Department of Higher Education, Govt. of Himachal Pradesh, Shimla.

Scholarships and Achievements:

- Qualified **JRF-NET (UGC)** - for Scholarship in research in **June 2012**.
- Qualified **GATE-2012** with a score of 287.
- Score 80th position in Matriculation examination held by HPBSE Dharamshala in March **2002**.

Experimental Skills

Synthesis of fused heterocyclic aromatic compounds and polymer hydrogels: Operation and analysis on UV-Visible, Fluorescence and FTIR Spectrophotometers: NMR Spectroscopy.

Publications

- [1] **Sunil Kumar**, KR Justin Thomas, Chun-Ting Li, Miao-Syuan Fan and Kuo-Chuan Ho. Effect of electron rich π -linkers on the functional properties of dyes featuring dithieno[3,2-b:2',3'-d]pyrrole donor. *Dyes Pigm.* **2019**, *160*, 614-623
- [2] **Sunil Kumar**, KR Justin Thomas, Chun-Ting Li, and Kuo-Chuan Ho. Effect of electron-deficient linkers on the physical and photovoltaic properties of dithienopyrrole-based organic dyes. *J Mater. Sci.: Mater. Electron.* **2017**, *28*, 18404-18417.
- [3] **Sunil Kumar**, KR Justin Thomas, Chun-Ting Li, and Kuo-Chuan Ho. Synthesis and photovoltaic properties of organic dyes containing *N*-fluoren-2-yl dithieno[3,2-b:2',3'-d]pyrrole and different donors. *Org. Electron.* **2015**, *26*, 109-116.
- [4] Baljit Singh, Arindam Sharma, A. Dhiman and **S. Kumar**. Mechanical, Mucoadhesive and Biocompatibility Behavior of Hydrogel Films: A Slow Anticancer Drug Delivery System. *Am. J. Polym. Sci. Technol* **2015**, *1*, 1-8.

Conferences/Workshop/Symposiums/Trainings

- [1] Attended two week Induction Programme organized by State Council of Education research & Training HP, Solan w.e.f. 14-05-2018 to 26-05-2018
- [2] Poster presented in National conference on "Reaching the Unreached through Science and technology (30-31th March, 2018) organized by Indian Science Congress Association Shimla Chapter, HPU under the Aegis of Indian Science Congress Association, Kolkata.

- [3] Poster presented in 10th Mid-Year Chemical Research Society of India (CRSI) Symposium in Chemistry held at National Institute of Technology, Tiruchirapalli (Tamilnadu) during 23-25 July, 2015
- [4] Attended the one day Workshop on “Nano Drug Delivery System (Industry-Academia Interaction)” organized by Center of Excellence: Nanotechnology, IIT Roorkee, Jan. 10, 2015.
- [5] Participated in Symposium on Modern Trend in Inorganic Chemistry-XV (MTIC-XV) held at the Department of Chemistry, IIT Roorkee, Dec 13-16, 2013.
- [6] Participated in National Symposium on Chemistry Innovations for Human Well Being (CIHW 2011) organized by Department of Chemistry, HPU-Shimla during Oct. 21-22, 2011.
- [7] Participated in 3rd National Symposium on Science (NSAS) on “Recent Advances in Analytical Science” organized by Department of Chemistry, HPU-Shimla during April 12-14, 2010.

I hereby affirm that the information furnished in this form is true and correct



Dr. Sunil Kumar
(M.Sc., M.Phil., Ph.D.)