Personal Profile

Name: Manjeet Harijan

Designation: Assistant Professor

Department: Chemistry

Highest Qualification: M.Sc., NET-JRF, GATE

Mail ID: mh1642442@gmail.com

Date of Joining: 06/06/2022

Mr. Manjeet Harijan has joined as an **Assistant Professor** in **Department of Chemistry** of this college. He has completed his **B.Sc. (Honours) in chemistry** from **Banaras Hindu University**, **Masters** in Chemistry from **IIT Bhubaneswar** and subsequently qualified **CSIR-NET (JRF)**. During his M.Sc. he worked on the interaction of bile salts on the structure and stability of different structural proteins as project work. He is also pursuing his Ph.D. from Banaras Hindu University. His area of interest includes designing novel polymeric formats for crafting molecular recognition elements to device sensors for biomolecules/drugs using molecular imprinting technology. He has published several research articles in renowned journals which represents his deep-rooted knowledge about the concerned subject.

A. Published papers

i) *''Design of molecularly imprinted sensor for detection of typhoid using immunoinformatics and molecular imprinting''*. **Manjeet Harijan,** Shukla, V., Singh, A. K., Raghuwanshi, R., Nath, G., & Singh, M. (2022). ***Biosensors and Bioelectronics: X,*** *10*, 100090. DOI:10.1016/j.biosx.2021.100090 . **Impact factor: 12.54.**

ii) "*Zwitterionic polymers in drug delivery: A review*." **Manjeet Harijan** and Meenakshi Singh. ***Journal of Molecular Recognition*** 35, no. 1 (2022): e2944. DOI:10.1002/jmr.2944. **Impact factor: 2.137.**

iii) "*Design of Imprinting Matrix for Dual Template Sensing Based on Molecularly Imprinted Polymer Technology*." Singh, Ritu, **Manjeet Harijan**, and Meenakshi Singh (2022). **In *Recent Trends in Electrochemical Science and Technology*,** pp. 147-154. Springer, Singapore, DOI:10.1007/978-981-16-7554-6_12.

iv) "*Adaptability of MIPs for cutting-edge technology to devise cheap sensing tools.*" **Manjeet Harijan** and Meenakshi Singh (2023) In book: Molecularly Imprinted Polymers: Commercialization Prospects (pp.129-139) Publisher: Elsevier DOI:10.1016/B978-0-323-91925-8.00008-9.

v) *"Conductive Hydrogels in Bioelectronics,"* Meenakshi Singh, **Manjeet Harijan**, Ritu Singh, Akriti Srivastava (2022) In book: Bioelectronics: Materials, Technologies and Emerging Applications, Ed Ram Gupta and Anuj Kumar Publisher: CRC DOI:10.1201/9781003263265-18.

B. Workshop/Seminar attended

i) "**Indo-US conference on Bioengineering and Regenerative Medicine (ICBR-2020)"** held at school of Biochemical Engineering, IIT (BHU), Varanasi on 27-29 February 2020.

ii) A Training Program on "**Current Research Techniques in Science and Technology**" Organized by Banasthali Vidyapith, Rajasthan 22-28 April, 2022.

iii) A training course on "**Fundamental of HPLC with lab solutions work stations**." Organized by SHIMADZU Excellence in Science during 27-28 February 2020 held at SAIP,Delhi