

Report on Webinar on “Synthetic Chemists and Our Society”

Department of Applied Sciences of GCET, Greater Noida organized one day National webinar on “Synthetic Chemists and our Society” on 11th June 2020. Speaker of the webinar was Dr. Vinod Kumar Tripathi, Associate Professor, Banaras Hindu University, Varanasi. Dr. Tripathi has more than 140 publications, 8 patents, 19 book chapter and winner of many national and International awards. His research area is mainly focused on Carbohydrates. Webinar was conducted through google meet The convener of the event was Dr. Rajesh Tripathi (HOD AS) and is coordinated by Dr. Smriti Dwivedi (Asso. Prof Chemistry).

260 people including researcher, academician and students did registration and participated from different colleges and University of India.

The focus of the webinar is on human health and Chemistry. In webinar organic compounds and its relationship with human behavior was discussed like Serotonin is confidence molecule indole derivative is antidepressant agent, Endocannabinoids a bliss molecule etc.

Dr. Tripathi gave insight on how chemistry play important role in synthesizing life saving drugs. It gave deep understanding how chemists are continuously doing research on different drug discovery. During webinar it was also discussed that why there is delay in Covid-19 vaccine.

The key findings in webinar are:

- Synthetic chemist have great role for making our life easy, healthy and pleasant.
- Carbohydrate-containing molecules have been recognized as an attractive Scaffold in Drug Discovery and Development.
- Click Chemistry have enormous potential to construct diverse simple to complex glycoconjugates including glycodendrimers of wide application.