

**8th September
2020**

Topics to be covered

- Bioinformatics
- Biomedical Signal & Image Processing
- Biomedical Instrumentation
- Bio-Electronics
- Genomics and NGS
- Biomedical Informatics
- Nanomaterials in Medicine
- Bio Sensors
- Systems Biology
- Blockchain in Medical Industry
- E-waste and Healthcare

Tentative Speakers

Prof. Vinod Kumar
Vice Chancellor, JUIT

Prof. Yosi Shacham Diamand
Tel Aviv University, Israel

Prof. Sudhir Kumar
HoD, BT and BI, JUIT

Dr. Tiratha Raj Singh
Associate Prof. & Coordinator, CEHTI

Dr. Ankush Bansal
Children's National Hospital, Washington
DC, USA

Dr. Hemraj Saini
Associate Professor, CSE, JUIT

Dr. Ragini Raj Singh
Assistant Professor, PMS, JUIT

Dr. Narendra Kumar
Assistant Professor, BT and BI, JUIT

Dr. Nishant Jain
Assistant Professor, ECE, JUIT

Dr. Gurnoor Singh
Netherlands

Webinar Convener

Dr. Tiratha Raj Singh
Mobile: +91 9816954695

Webinar Coordinators

Dr. Nishant Jain
Mobile: +91 7895451577

Dr. Ragini Raj Singh
Mobile: +91 9625643296

About JUIT

JUIT is spread over 25 acres of lush green picturesque slopes of Wagnaghat, in District Solan of Himachal Pradesh, creating a tranquil environment that can heighten the spirit and energy level of all learners and inspire them to optimize their learning efforts.

**Centre of Excellence in Health Care Technologies and Informatics (CEHTI)
Department of Biotechnology and Bioinformatics
JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY
Wagnaghat, Solan, H.P., India**

About The Webinar Series

With the increase in several lifestyle diseases health care is on priority to facilitate human beings through technological interventions. Healthcare changes dramatically because of research and technological developments. Health care sector depends on advancements in medical technology where innovation plays a crucial role in sustaining health. Areas like bioinformatics, biotechnology, pharmaceuticals, information technology, materials science, electronics etc. aid in the development of new site specific, personalized medicines. Moreover, state of the art diagnostic and imaging medical devices and equipment emerging in health care sector. Electronic medical records (EMR), telehealth services, and mobile technologies advancements are the contributions from the electronics and information technology. All made significant contributions to improving the health of people all around the world. It is anticipated that this webinar series will help the biologists, biotechnologists, biomedical scientists and students from all these streams to gain insight into biological, biomedical and healthcare sectors. It will also help engineers, materials scientists, mathematicians, statisticians, and computer scientists to explore new dimensions for their academic and research activities in health sector.



**Second Talk of the Series
Prof. Yosi Shacham Diamand
Tel Aviv University, Israel
Date: September, 08, 2020
Time: 12:30 PM IST**



**Topic
Flexible Sensors for Biomedical
Applications**

Register now:

<https://tinyurl.com/y5k9d75l>

Next Talk In Line (October, 2020)

Topic: E-Waste and Health Care
Speaker: **Prof. Sudhir Kumar**
Prof. and Head,
Department of Biotechnology and Bioinformatics,
JUIT, Solan, H.P., India



Registration and Certificates

Registration is free. E-certificate will be issued to all the participants for a particular webinar. For more details and upcoming webinars visit CEHTI website's upcoming events section:

<http://www.juit.ac.in/biotechnology-bioinformatics-cehti>

Link to Inaugural Webinar Recording

<https://www.youtube.com/watch?v=cWRjqz5kJEo&t=451s>

Jaypee University of Information Technology (JUIT)

Wagnaghat, Teh. Kandaghat, Distt. Solan
PIN-173 234 (H.P.), India,
Phone: (01792) 239344 / 239205
www.juit.ac.in
Email: cehtjuit@gmail.com

