## IFTM University Alumni Association, Moradabad

## In Collaboration With

## **School of Biotechnology**

**Organized** 

# WEBINAR: IMMUNOINFORMATICS APPROACH TO DESIGN PEPTIDE BASED VACCINE AGAINST MICROORGANISMS

## **September 28, 2021**



#### **About Resource Person:**

Dr. Vikas Kaushik, Ph.D. (Bioinformatics) Lovely Professional University, Jalandhar (Punjab), working as Associate Professor in the Department of Bioinformatics LPU, Jalandhar.

Dr. Vikas Kaushik has an outstanding academic and research background. He completed his B. Tech in Biotechnology from IFTM Moradabad in 2008 and M.Tech in Bioinformatics from IIITA in 2010. Afterwards he joined LPU, Jalandhar as an Assistant Professor in 2010 and earned his Ph.D. Degree as well from LPU itself in the year 2018.

His broad area of research is Computational Biology which involves the study and manipulation of biological information, to build computer-based formulas in order to improve the understanding of diseases. He has published more than 50 articles in various international and national journals and 8 book chapters.

He has completed multiple certification courses from international universities and has also been a part of many national and international conferences where he has presented his research work in front of the pioneers of computational biology. He has also received the best paper presentation award from International Conference on Engineering, Applied Sciences, and Technology (ICEAST), Phuket, in the year 2018.

#### **Details of the Event:**

The webinar was focused on the research field of Immunoinformatics. During this webinar, Dr. Vikas Kaushik shared the basic concepts of vaccine development. He enlightened the participants with the information on immunoinformatics tools and techniques used for the designing of Vaccines against critical diseases and a few examples of epitope based vaccine were also shared with the participants. He also discussed the potential of designing vaccine against Coronavirus using immunoinformatics tools.

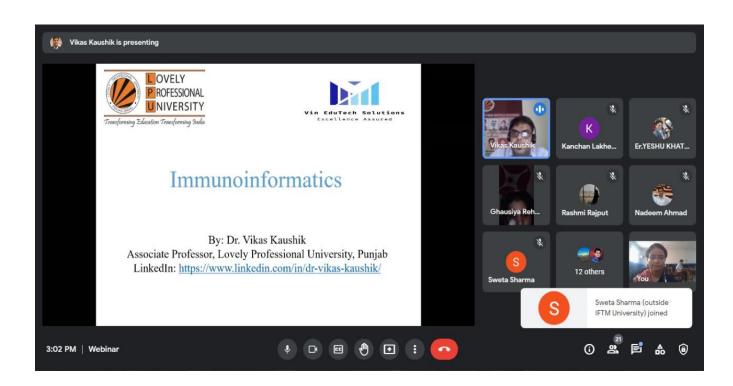
For this Webinar, registration link was created using Google forms. The link for the meeting was created from Google meet and was circulated among the participants. There were a total of 90 participants in the webinar from various schools of IFTM University.

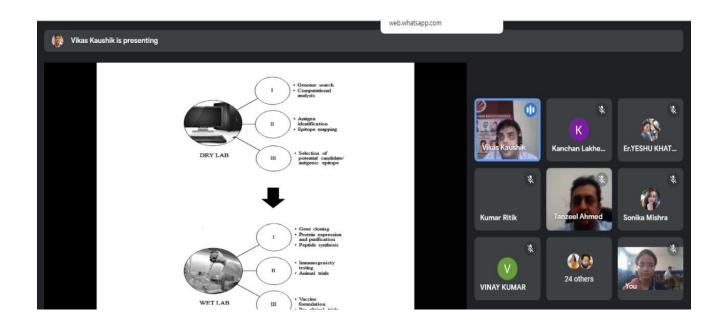
At the beginning, Ms. Kanchan Lakhera, Assistant Professor, SBT, IFTM University, gave a welcome address to the participants at 3:00P.M. by welcoming Honourable Chancellor, Mr.

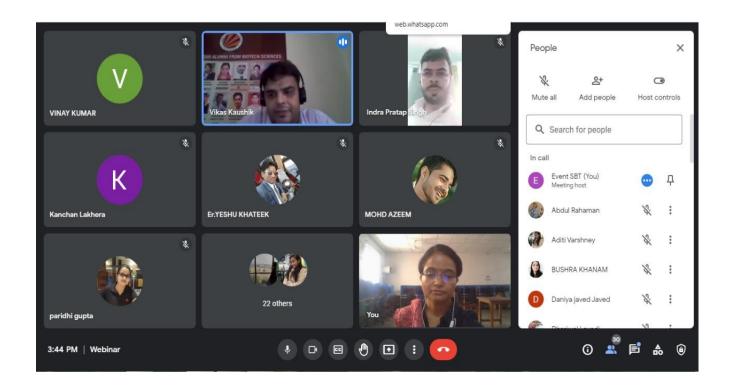
Rajiv Kothiwal, Pro Chancellor, Mr. Abhinav Kothiwal, Vice- Chancellor, Prof. M.P. Pandey, Pro Vice Chancellor, Prof. Rahul Mishra, Registrar Prof. Sanjeev Agrawal, COE & President of IUAA Prof. Anuj Srivastava, Eminent Speaker & Alumnus Dr. Vikas Kaushik and all the participants. After the presentation Mr. Ankit Kumar, Assistant Professor, SBT, IFTM University, delievered the vote of thanks.

In the Webinar, the resource person delivered the topic brilliantly and provided an insightful information to the participants. This program was accomplished successfully with the support of all the faculty members of School of Biotechnology.

## **Glimpses of the Event:**









## **Media Coverage:**

# इम्युनोइंफॉर्मेटिक्स एप्रोच टू डिजाइन पेप्टाइड बेस्ड वैक्सीन अगेंस्ट माइक्रोऑर्गेनिज्म्स पर भी वेबिनार



Dr. Vikas Kaushik,

मुरादाबाद (विधान केसरी)। आईएफटीएम विश्वविद्यालय में एलुमनाई एसोसिएशन एवं स्कूल ऑफ बायोटैवनोलॉजी द्वारा मंगलवार को इम्युनोइंफॉर्मेटिवस एप्रोच टू डिजाइन पेप्टाइड बेस्ड वैवसीन अगेंस्ट माइक्रोऑर्गेनिज्न्स विषय पर वेबिनार का आयोजन किया गया। आईएफटीएम यूनिवर्सिटी के पूर्व छात्र एवं लवली प्रोफेशनल यूनिवर्सिटी, जालंघर (पंजाब) के एसोसिएट प्रोफेसर, डॉ. विकास कौशिक ने मुख्य वक्ता के रूप में अपने वक्तव्य में सभी प्रतिभागियों को पेप्टाइड वैवसीन डिजाइन करने के लिए इम्युनोइंफॉर्मेटिवस टूल्स की उपयोगिता के संबन्ध में प्रकाश डाला। विश्वविद्यालय के कुलसचिव प्रो. संजीव अग्रवाल ने डॉ. कौशिक द्वारा उपलब्ध कराई गई महत्वपूर्ण जानकारियों हेतु उनकी सराहना की। प्रो. अग्रवाल ने यह भी कहा कि सभी विद्यार्थी डॉ. कौशिक के अनुभव का भरपुर लाभ उटाएं और उनके

सुझाव को आत्मसात करें। स्कूल के निदेशक डॉ. तंजील अहमद कार्यक्रम के अध्यक्ष व असिस्टेंट प्रोफेसर मिस. कंचन लखेरा वेबिनार की आयोजन सचिव रहीं। इस वेबिनार में भाग लेने हेतु 90 प्रतिभागियों ने पंजीकरण करवाया। वेबिनार के सफल आयोजन में डॉ. अहमद, अपर निदेशक के.के. बंसल तथा विभागाध्यक्ष एवं एलुमनाई समन्वयक डॉ. नबील अहमद का महत्वपूर्ण योगदान रहा। कार्यक्रम के अंत में वेबिनार के संयोजक व स्कूल के अस्स्टिंट प्रोफेसर श्री अंकित कुमार ने सभी के प्रति आभार प्रकट किया।