

## Press Release for 5<sup>th</sup> October, 2021

### Ref.: Azadi ka Amrit Mahotsav celebrations

In continuation with the celebrations NIPER week –Azadi Ka Amrit Mahotsav Lecture series. On October 5<sup>th</sup> 2021, four industry speakers during Industrial Leadership Conclave gave their talk on theme 'The role of Pharmaceutical industry in development of India since Independence'

The first session started with the talk of **Dr. Ved Shrivastava** who is working as Vice President of Chemistry at Aktis Oncology, NC, USA. His talk was mainly focused on "Peptide-based Pharmaceuticals: How to Strengthen Generics and Invigorate Innovation Ecosystems to Make 'self-reliant India'". He discussed about the biopharmaceuticals in India, paving the way from Generic to Innovative drugs and further directions, and peptide-based therapy for Type 2 Diabetes.

**Dr. Rajamannar Thennati** from Sun Pharma Advanced Research Co. Ltd. and SPARC Bio-Research Pvt Ltd., shared his vision for "Indian Pharmaceutical Industry- Beyond 2030". He mentioned the most important role of academic universities is to give readymade trained manpower in terms of doctorates, Masters and graduates for Pharma industry. He further told that in next 10 years around 120 drugs will go off patent and there is a big opportunity of 250 billion business but this alone is not sufficient and process of thinking needs to be revised and it is important to focus on drug discovery also.

**Dr. Gautam Das**, Co-Founder and Managing Director for Startup miBiome Therapeutics, Mumbai, delivered his talk on "Genomics for All: Healthcare, Pharmaceuticals and Beyond". He mentioned about revolutions in the field of DNA sequencing both in terms of cost and time effectiveness. He further explained the potential of Genomics and Next Generation Sequencing (NGS) in different areas like drug discovery, oncology, and infectious diseases diagnosis etc.

**Dr. Sanjay Singh** from Gennova Biopharmaceuticals, Pune focused his talk on "Innovation for Self-Reliance and Indian Pharma Industry". He mentioned that for innovation collaboration from Academics, Industry, Regulatory and Research Institute is required. He also briefed that there is a need for self reliance of making vaccines for different mutants emerging.

During today's lectures the Directors of different NIPERs introduced the speakers to the audience. Today's lecture series concluded with thanks from Prof. Dulal Panda, Director, NIPER, SAS Nagar.

