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NIT Andhra Pradesh encourages research in drug discovery

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Institute aims to bring advancements in the field of designing of various remedial therapeutic molecules

The National Institute of Technology (NIT) Andhra Pradesh is encouraging its faculty and researchers towards advancements in the field of drug development.

Towards this, the institute is organizing a five-day online faculty development programme on ‘Drug Discovery: From lab to industry’ from 23rd to 27th August 2021.

This programme aims to bring advancements in the field of biomedical, healthcare and drug discovery research.

Addressing the inaugural event, Prof. C.S.P. Rao, Director, NIT Andhra Pradesh, said, “Research should be emphasised more on drug discovery and its delivery for recovering from various diseases by culminating science with modern technology. In addition, emphasised on bridging the gaps in development of novel drugs by computation-based approaches like high throughput virtual screening, structure-based drug designing, pharmacokinetics of lead molecules and application of recent technology in healthcare sector. Thus, this programme will encourage the participants especially research scholars, scientist, and faculty members for carrying out translational research using computational tools for bringing the drugs from lab to industry.”

This programme is intended for faculties, scientists, research scholars and industry professionals working in drug discovery research as well as pharma sector, to impart advanced knowledge and cover the following core areas such as structure based drug designing; high throughput virtual screening of lead compounds; computational techniques to be used in drug development; pharmacodynamics and pharmacokinetics of molecules; and role of technology in healthcare.