



**NGSM INSTITUTE OF
PHARMACEUTICAL SCIENCES**

Department of Pharmaceutics
Presents

DRUG DELIVERY SYMPOSIUM 2024 (DDS 2024)

Theme: Smart Drug Delivery Systems: Innovations in Nanotechnology, Biomaterials and Medical Devices

22nd - 23rd August 2024



Nitte (Deemed to be University)

Nitte (Deemed to be University), established in 2008, has been placed under Category 'A' by the Ministry of Human Resources Development (MHRD), Government of India. It has also been accredited 'A+' Grade by the National Assessment and Accreditation Council (NAAC) and ranked 65th in the National Institutional Ranking Framework (NIRF) 2023.

NGSM Institute of Pharmaceutical Sciences

NGSM Institute of Pharmaceutical Sciences, a constituent college of Nitte Deemed to be University, is a premier Pharmacy College in the country. It is ranked 46th in National Institute Ranking Framework 2023. The Bachelor of Pharmacy programme is accredited by the National Board of Accreditation. The college is recognized by the All India Council for Technical Education (AICTE) and the Pharmacy Council of India (PCI). The management system of the college is certified as per ISO 21001:2018. NGSM Institute of Pharmaceutical Sciences offers Diploma, Degree, Post Graduate and Doctoral Programs.

Department of Pharmaceutics

The Department of Pharmaceutics of the institute was established in 1984 and was upgraded to post-graduation in 1991. The department was also recognized as the Centre for PhD program in 2000 with a vision to become a Centre of excellence in Pharmaceutical Sciences and drug delivery. The department offers a curriculum that prepares students for various professional positions in the pharmaceutical industry. The department is equipped with state-of-the-art laboratories. The department's research activities focus on formulation science and drug delivery with particular emphasis on novel and targeted drug delivery systems, transdermal drug delivery systems and micro & nanoparticulate drug delivery system

About the Conference:

The development of smart drug delivery systems and stimuli-responsive systems has opened up new opportunities for targeted drug delivery against various diseases, including cancer, cardiovascular diseases, neurological disorders, and infectious diseases. These systems have the potential to revolutionize the field of medicine and healthcare as a whole by delivering therapeutic agents precisely. Advancements in materials science and nanomedicine have led to the development of smart nanosystems for therapeutic delivery, bioimaging, and theranostic applications. These systems can be integrated into implantable depots, targetable nanocarriers, and even insertable medical devices, enabling activation-modulated and feedback-regulated control of drug release. Smart drug delivery devices hold great promise in the medical devices industry, as they come equipped with sensors and connectivity that allow for better dosage control and real-time monitoring, improving patient adherence.

The Drug Delivery Symposium (DDS) 2024 offers a unique opportunity for interaction and networking among attendees from academia and the pharmaceutical industry. It brings together a selection of speakers to provide a glimpse of how breakthrough delivery technologies are transforming the industry.

The highlights of this conference are plenary lectures, invited lectures, e-posters and oral presentations from delegates in varied disciplines while focusing on the central theme of smart drug delivery.

Conference Tracks/Abstract Categories:

- Advanced polymers for drug delivery
- Nanotechnology in drug delivery
- Biomaterials and tissue engineering
- Innovative medical devices
- Clinical applications and regulatory challenges in smart drug delivery systems

Important dates:

- Abstract submission deadline: July 25, 2024
- Abstract acceptance notification: July 30, 2024
- Last date for registration online: July 15, 2024

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