



Invitation



**UGC-Sponsored
International Seminar
on**

***“Pharmaceutical Nanosystems-Novel
Approaches and Applications”***

22nd & 23rd March 2018

To

Prof./Dr./Sri _____



From

Seminar Convener

Prof. A. PRAMEELA RANI

Principal

A.N.U. College of Pharmaceutical Sciences

ACHARYA NAGARJUNA UNIVERSITY

Nagarjunanagar, Guntur, Andhra Pradesh

Telephone: 0863-2346459

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Vice-Chancellor, Acharya Nagarjuna University

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Registration Form

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“Pharmaceutical Nanosystems-Novel Approaches and Applications”

22nd & 23rd March 2018

Name of the Candidate.....

Age:.....Gender:.....

College:.....

Designation: Student(UG/PG) / Scholar /Faculty

Address for correspondence:

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Phone:.....

Email:.....

Particulars of Fee:

Amount of Rupees:

DD No:.....

Name of the Bank:.....

Date.....

Signature of the Applicant Signature of Principal

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“Pharmaceutical Nanosystems-Novel Approaches and Applications”

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Venue

Dr. H.H. Deichmann Auditorium
Acharya Nagarjuna University



Organized by

University College of Pharmaceutical Sciences
Acharya Nagarjuna University
Nagarjuna Nagar, Guntur, Andhra Pradesh

Seminar Convener

Prof. A. Prameela Rani

Principal

University College of Pharmaceutical Sciences
Acharya Nagarjuna University
Nagarjuna Nagar, Guntur, Andhra Pradesh
Telephone: 0863-2346459

University at a Glance

Acharya Nagarjuna University was established in 1976 and has been constantly striving towards achieving progress and expansion during existence for three decades. It was inaugurated on 11-9-1976 by the then President of India Dr. Frakruddin Ali Ahmed. University was named after the famous Buddhist Scholar, Philosopher Acharya Nagarjuna who was regarded as the Second Buddha. University was spread over about 300 acres of land on the National high way (NH-5) between Vijayawada and Guntur in Andhra Pradesh with campus student strength of over 5000. The university offers UG (Professional), PG and Ph. D programmes spread over 6 campus colleges. It also offers 153 UG programs in 412 affiliated colleges. It has Centre for Distance Education offering 87 UG and PG programs. The university provides excellent infrastructure and on – campus facilities such as central library with over one lakh books and 350 journals, computer centre, scientific instrumentation centre etc.

About the College

A.N.U College of Pharmaceutical Sciences was established in the academic year 2010-2011 with a plinth area of around 50000 sq. ft and construction cost of 7.50 crores. The college offers both B. Pharm and M. Pharm which are approved by AICTE and PCI, New Delhi. The College is providing research facilities leading to Ph.D. degree in Pharmaceutical Sciences. It is one of the renowned educational institutions with Quality education & effective teaching, learning methodologies. Its main concern is to motivate and encourage the student community to face the challenges in the present society in order to build up their career in a greater way. The college has the state of art laboratory with sophisticated instruments such as IR spectrophotometer, semi – auto analyzer, stability chamber, freeze dryer, 10 – stage rotary tablet punching machine, refrigerated centrifuge etc. and library with good number of books and journals, animal house as per CPCSEA guidelines & herbal garden.

Projects

The college has obtained two major research projects from AICTE and UGC worth of Rs. 26, 00,000/- to strengthen the research activities at the campus college.

Recently our college has been selected for a grant of Rs. 60,00,000/- for the development of research facilities for PG and PhD courses by the Dept. of Science and Technology, Ministry of Science and Technology, Govt. of India under Level – I of the scheme DST-FIST 2017.

The College offers

B.Pharmacy

- M.Pharmacy :
- Pharmaceutical Chemistry
 - Pharmaceutical Analysis
 - Pharmaceutics
 - Pharmacology
 - Industrial Pharmacy

Ph.D. : Full time & Part time

Scope and Objective of Seminar

Nanotechnology is a very commonly used buzzword today in numerous fields of science and everyday life, and fairly in drug delivery. The unique properties of these nanoparticles like surface-to-volume ratio, quantum effects, thermodynamic and optical properties make them best alternative to many approaches in the field of pharmaceutical sciences. These nanosystems can enhance important characteristics of drugs such as bioavailability and drug solubility, improve pharmacokinetics, obtain proper targeting and reduce toxicity of therapeutic agents. These can also provide opportunity to penetrate or overcome some biological barriers such as blood–brain barrier and tight epithelial junctions. These can allow loading a wide variety of materials into them such as synthetic drugs and materials that are extracted/isolated from natural sources. In spite of all the possible advantages of nanosystems, they have some practical problems to overcome such as stability and scale-up.

The major objectives of this program are

- ✓ To overview nanocarrier systems
- ✓ To point their contribution to drug delivery
- ✓ To confer their ability to improve wide range of drug characteristics including but not limited to physico-chemical, pharmacokinetic and pharmacodynamic properties.
- ✓ To discuss their suitability in loading wide variety of pharmaceutical materials.
- ✓ To present detailed information about the trend of research in the field of pharmaceutical nanosystems
- ✓ To educate the researchers about the scope of pharmaceutical nanosystems
- ✓ To provide a platform for the present day researchers to transfer their knowledge mutually
- ✓ To encourage fresh researchers to carry out quality research

Participants

- o Students : B. Pharm, M. Pharm and Ph.D
- o Academicians
- o Industry Professionals

Pharma Quiz Competition

Quiz competition will be conducted on the first day of the seminar (22nd March 2018). Guidelines for the quiz competition are

- Only one team from a college
- The team shall be composed of four members only
- The teams can be registered by sending their details on or before 17th March 2018 to the email anucops2010@gmail.com

Fee Details

Rs. 500/- for each participant. The registration fee should be sent by a crossed D.D drawn infavour of The Seminar Convener, A.N.U College of Pharmaceutical Sciences, payable at Acharya Nagarjuna University on or before 17th March 2018.

Important Dates

Last date for Registration : 17th March 2018

Date of Seminar : 22nd & 23rd March 2018