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REGISTRATION FORM

UGC SPONSORED NATIONAL SEMINAR
ON

“CURRENT PARADIGMS IN PHARMACEUTICAL
ANALYTICAL TECHNIQUES”

14th & 15th March, 2023

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:.....

Date:

Signature of the Applicant

Signature of Principal

UGC SPONSORED NATIONAL SEMINAR
ON

“CURRENT PARADIGMS IN PHARMACEUTICAL
ANALYTICAL TECHNIQUES ”



14th & 15th March, 2023



Venue

Prof. L. Venugopala Reddy Seminar Hall
Dr. H.H. Deichmann & Dr. S. John David Auditorium
Acharya Nagarjuna University



Seminar Director / Convener

Dr. K.E. PRAVALLIKA M.Pharm., Ph.D
Assistant Professor

Organised by

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

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 highway (NH-16) 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.

About the College

A.N.U College of Pharmaceutical Sciences was established during 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 provides sophisticated infrastructure and research facilities to carryout Ph.D. in Pharmaceutical Sciences. It is one of the most 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 offers

B.Pharmacy	
M.Pharmacy	Pharmaceutical Analysis Pharmaceutics Pharmacology Pharmaceutical Chemistry Industrial Pharmacy Pharmacognosy
Ph.D	Full time & Part time

Scope of the Seminar

The development of the pharmaceuticals brought a revolution in human health. To effectively design and exploit drug delivery systems, the underlying characteristic of a dosage form must be understood—from the characteristics of the individual formulation components to how they act and interact within the formulation, and finally to how this formulation responds in different biological environments. To achieve this, there is a wide range of analytical techniques that can be adopted to understand and elucidate the mechanics of drug delivery and drug formulation.

Such methods include e.g. spectroscopic analysis, Chromatographic techniques, Hyphenated techniques, diffractometric analysis, thermal investigations, surface analytical techniques, particle size analysis, rheological techniques, methods to characterize drug stability and release, and biological analysis in appropriate cell and animal models. Whilst each of these methods can encompass a full research area in their own right, formulation scientists must be able to effectively apply these methods to the delivery system they are considering. In recent times, these techniques have undergone a paradigm shift as per the need of mankind from the older titrimetric methods to the latest hyphenated techniques. From the commencement of official pharmaceutical analysis, analytical techniques and assay methods were included in the compendial monographs with the aim to characterize the quality of bulk drug materials by setting limits of their active ingredient content.

The proposed national seminar mainly aims to promulgate Knowledge in Analytical and Bioanalytical Techniques, chromatographic Separation techniques, Mass Spectroscopy and Spectrometry and other hyphenated techniques like LC MS/MS and GC MS.

Objectives of the Seminar

The seminar is planned to organize on this topic to make the audience knowledgeable towards the following objectives:

- To share the cutting-edge research findings and results on all aspects of bioanalytical and analytical techniques.
- To share and develop knowledge on tools of key Analytical Techniques.
- To explore the techniques like HPLC for separation, HPTLC, MASS Spectroscopy in isolation, identification and characterization of degradants of various drugs.
- To discuss the future scope of the Analytical techniques in Pharmaceutical sciences and necessary advancement of the technology for their effective applications.

Expected outcomes of the Seminar

- The audience/participants of the seminar will be enriched with the knowledge on the following aspects from the chosen topic.
 - Increased understanding of the principles and techniques used in Pharmaceutical analysis including analytical methods, instrumentation and data interpretation.
 - Improved knowledge of the latest advances and trends in Pharmaceutical analytical techniques such as high throughput screening and bioanalytical methods.

- Development of Practical skills and techniques for sample preparation, data analysis and quality control in pharmaceutical analysis.
- Opportunities for networking and collaboration with other researchers and professionals in the field of Pharmaceutical analysis.
- Potential for new ideas, research questions or collaborations to arise from discussions and presentations during the seminar.

Participants

- Students : B. Pharm, M. Pharm, Pharm.D
B.Sc., M.Sc., (Organic and Inorganic Chemistry)
- Academicians
- Industry Professionals

Registration Fee Details

Registration fee is Rs. 500/- for each participant. It may be paid through Gpay/Phonepe to the given phone number 9581293369. Spot registration is accepted subjected to vacancy. Registration form along with the payment details of registration fee need to be submitted through email: nscppat2023@gmail.com on or before **8th March, 2023**.

Accommodation

Accommodation will be provided as per the request of the delegates on payment basis. For details, contact the seminar director.

Call for Abstracts

Abstracts of unpublished and original research papers and review articles for posters are invited in all fields of pharmaceutical sciences. Abstract should be sent through email: nscppat2023@gmail.com on or before **8th March, 2023**.

Guidelines for preparation of abstract and poster : Abstract shall include the author names, affiliations, brief introduction, objectives, methodologies, results and discussion. Abstract should not be more than 250 words, typed in times new roman, 12 font size in single space (Poster size 1 X 1.5 mts).

Important Dates:

Last date for Abstract submission : **8th March, 2023**
Last date for Registration : **8th March, 2023**

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