



**FIVE DAYS FACULTY DEVELOPMENT PROGRAMME ON  
“RESEARCH CHALLENGES IN FORMULATION DEVELOPMENT AND  
CONTEMPORARY ANALYTICAL TECHNIQUES IN DRUG DISCOVERY”**

(03<sup>rd</sup> to 07<sup>th</sup> October 2023)

**HARMONIOUSLY BY**



**Department of Pharmaceutics  
Annamacharya College of Pharmacy  
New Boyanapalli,  
Rajampet.**



**Faculty Development cell,  
Jawaharlal Nehru Technological University  
Anantapur (JNTUA),  
Ananthapuramu.**

**In Association with ISTE, AP Section.**



## CHIEF PATRON

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## PROGRAMME CO-ORDINATOR

**Dr. V. Viswanath**  
Professor, ANCP

## WITH BEST COMPLIMENTS FROM

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**Sri. C. Yella Reddy**  
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## ABOUT THE JNTUA

The Engineering College of Anantapur, which was later relocated there in 1948, was temporarily housed in Guindy in 1946. A significant chapter in the college's history began on June 10, 1946, when the first 60 students were admitted to the college at Guindy, Madras. After the college was transferred to Anantapur, Major B.H. Marley was selected to be the institution's first formal principal. The institution in Anantapur was officially inaugurated by the then-honorable Chief Minister O. Ramaswamy Reddiar. Later, a new campus was to be constructed on property that was around 300 acres in size. Construction of the College Main Building, three Laboratories, one Workshop Block, and Power House cost a total of Rs. 18 lakhs in 1958. Both Madras University (1946–1955) and Sri Venkateswara University (1955–1972) in Tirupathi were initially affiliated with the college. The Government Engineering Colleges of Anantapur, Kakinada, and Nagarjunasagar (later relocated to Hyderabad) formed comprised the Jawaharlal Nehru Technological University when it was founded in 1972. Any other college or institution accredited by the State of Andhra Pradesh may affiliate with JNTU, according to a later revision to the JNTU Act 1972 known as the JNTU Ordinance, 1992. The Jawaharlal Nehru Technological University Anantapur (JNTUA) was established on August 18, 2008, by an Act of the State of Andhra Pradesh's Legislature. Both the 2006-founded JNTUA College of Engineering in Pulivendula and the 1948-founded Oil Technology Research Institute (OTRI) in Anantapur joined JNTUA as constituent colleges. The OTRI was renamed in 2016 to the Oil Technology and Pharmaceutical Research Institute (OTPRI). The JNTUA is linked to 98 engineering colleges, 33 pharmacy colleges, and 29 independent MBA/MCA colleges in addition to the aforementioned four constituent colleges. Since its inception, JNTUA has dedicated itself to promoting technological education and striving to produce highly qualified technical employees on par with the best in the world.

## ABOUT THE ANCP

Annamacharya College of Pharmacy (ANCP) was established in the year 2003 by Annamacharya Educational Trust. The College is Approved by AICTE & PCI, New Delhi, Accredited by **NBA (UG)**, New Delhi, and Accredited by **NAAC "A" Grade**, Bangalore, Recognized u/s **2(f) & 12(B)** of the UGC act, 1956, Recognized Research Center by JNTUA, Ananthapuramu. The college offers D. Pharmacy, B. Pharmacy, M. Pharmacy, Pharm D and Pharm D (PB) courses. ANCP admitted its first batch of students in the academic year 2003-04. The college is located in a pleasant locale, near to Thallapaka, the birth place of "The singing saint Annamacharya" on Chennai-Mumbai highway and well connected by road and train. The Annamacharya Educational Trust was established in the year 1997 with the goal to promote quality education by starting various courses to impart futuristic technical education, and install high patterns of discipline. We at Annamacharya College of pharmacy impart futuristic technical education and instill high patterns of discipline through our dedicated staff who set global standards, making our students technologically superior and ethically strong who in turn shall improve the quality of life of the human race. Aspire to establish a system of quality assurance, which on a continuous basis will evaluate and monitor the quality of education and training imparted at the institute, improve the teaching-learning process, and ultimately develop the institute into a Centre for excellence.

## ABOUT FDP

The FDP plays a vital role in recognizing the university's interest in student success and could be widely implemented to provide an authenticated and professional learning experience. The FDP provides insight into computation techniques such as Computer-aided drug design (CADD), for the exploration of new molecular entities. It imparts fundamental skills on web services and open source software that shows a prominent effect in pharmaco-informatics. Further, the FDP discloses the breakthrough in 3D printing technology which can supply therapeutic agents with tailored dosages, size, shape, and drug release characteristics. In addition, the FDP provides an overview of quantum chemical techniques and higher-level molecular dynamics for generating data in Quantitative Structural Activity Relationship (QSAR) analysis.



## RESOURCE PERSONS

**Dr. K. Eshwar Kumar**

**Professor, Andhra University, Vishakapatnam**

**Dr. R. Nagaraju**

**Professor, Sri Padmavathi Mahila Visvavidyalayam, Tirupathi**

**Dr. D. Chamundeswari**

**Professor, Meenakshi Academy of Higher Education, Chennai**

**Dr. Nadendla Ramarao**

**Professor & Dean, Acharya Nagarjuna University, Guntur**

**Dr. V. Prabhakar Reddy**

**Professor, Palamuru University, Mahaboob Nagar, Telangana**

**Dr. Indira Muzib**

**Professor, Sri Padmavathi Mahila Visvavidyalayam, Tirupati**

**Dr. G. Vijay Kumar**

**Professor, Sri Padmavathi Mahila Visvavidyalayam, Tirupati**

**Dr. N. Shankaraiah**

**Professor, NIPER, Hyderabad.**

**Dr. M. Vidyavathi**

**Professor, Sri Padmavathi Mahila Visvavidyalayam, Tirupathi**

**Dr. Bhavani**

**Professor, University College of Pharmaceutical Sciences, JNTUK**

**Dr. D. Sujatha**

**Professor, Sri Padmavathi Mahila Visva Vidyalayam, Tirupati**



## SESSION TOPICS

**Molecular Modification Strategy in Drug Discovery and Drug Design**

**Current Trends in Modern Analytical Techniques for Drug Discovery**

**DNA – targeted anti – cancer agents in drug discovery**

**Advances & Challenges in Nano based drug delivery systems**

**Molecular Formulation Screening Strategies in Drug Discovery**

**3D Printing – an innovative solution for challenges in formulation development**

**Drug Discovery & Development “ Role of Basic Research “**

**Role of CADD in Drug Discovery**

**Artificial Intelligence in Drug Discovery**

**Role of QSAR in drug design & discovery**

## REGISTRATION

- Registration link: <https://forms.gle/4hvHmVkJZKpSy77V8>
- No registration fee.
- Total number of registrations is Limited to 25.
- Participants will be selected based on first come first serve basis.
- No TA/ DA will be provided for participants
- Accommodation will be provided for the outstation participants.

Join through QR Code or Link given below



<https://wa.me/qr/K3B4KEJ4QB3NE1>



**TARGETED FACULTY**

Teaching staff of constituent & affiliated colleges of JNTUA.



**PERFORMANCE EVALUATION**

Every session includes hand on experience and evaluation. Successful participants will be awarded with a certificate.



## ORGANIZING COMMITTEE

- |                                    |                        |                               |                        |
|------------------------------------|------------------------|-------------------------------|------------------------|
| ➤ <b>Dr. C. Suryaprakash Reddy</b> | <b>Professor</b>       | ➤ <b>Mrs. B. Nirmala Devi</b> | <b>Asso. Professor</b> |
| ➤ <b>Dr. K. Adinarayana</b>        | <b>Professor</b>       | ➤ <b>Mr. Y. Pradeep Kumar</b> | <b>Asso. Professor</b> |
| ➤ <b>Dr. M. Deepa</b>              | <b>Professor</b>       | ➤ <b>Mr. S. Sudhakar</b>      | <b>Asso. Professor</b> |
| ➤ <b>Dr. P. Anitha</b>             | <b>Professor</b>       | ➤ <b>Dr. M. Pramod Kumar</b>  | <b>Asso. Professor</b> |
| ➤ <b>Dr. V. Sarovar Reddy</b>      | <b>Asso. Professor</b> | ➤ <b>Dr. M. Sirisha</b>       | <b>Asso. Professor</b> |
| ➤ <b>Mr. M. Madhu</b>              | <b>Asso. Professor</b> | ➤ <b>Mrs. A. Sushmitha</b>    | <b>Asso. Professor</b> |
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| ➤ <b>Mr. E. Gireesh Kumar</b>      | <b>Asso. Professor</b> | ➤ <b>Miss. G. V. Sowmya</b>   | <b>Asst. Professor</b> |

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