

ABOUT JNTUA

The College of Engineering, Anantapur was started at Guindy, Madras in 1946 and shifted to Anantapur in 1948. The college was initially affiliated to Madras University during 1946-1955 and to Sri Venkateswara University, Tirupathi during 1955-1972. In 1972, by an Act of State Legislature, JNT University was established at Hyderabad and the College of Engineering, Anantapur went into the fold of JNTU. Later in the year 2008, by an Act of AP State Legislature, JNTU was trifurcated into three independent universities viz., JNTU, Hyderabad, JNTU, Kakinada and JNTU Anantapur. JNTU College of Engineering, Anantapur became a constituent college of JNTUA and was renamed as JNTUA College of Engineering, Anantapur. The JNTUA College of Engineering, Pulivendula, established in the year 2006 and Oil Technology Research Institute (OTRI), Anantapur, established in the year 1948 also became constituent units of JNTUA. A new constituent college - JNTUA College of Engineering, Kalikiri established in 2013 also came under the fold of JNTUA. The OTRI was later renamed as Oil Technology and Pharmaceutical Research Institute (OTPRI), in 2016. In addition to the above four constituent colleges, the JNTUA has 98 Engineering Colleges, 33 Pharmacy Colleges and 29 stand-alone MBA/MCA colleges affiliated to it. Since its inception, JNTUA is committed to develop and nurture technological education and intends to produce technical manpower of high quality, comparable to the best in the world.

ABOUT COLLEGE

Sri Padmavathi School of Pharmacy popularly known as SPSP was established in the year 1997 under the aegis of Lards Auxilliary for Rural Development Society, Tirupati. SPSP was the first private pharmacy institute to be established in the Rayalaseema region of united Andhra Pradesh. Over the years the institute has grown in all facets and emerged as a centre of excellence in pharmaceutical education due to the relentless efforts of visionary management and committed faculty. SPSP has become synonymous for quality education, with its state-of-the-art infrastructure, committed faculty and the ambient atmosphere for teaching and learning process. The presence of alumnae of SPSP at higher levels in various sectors of Pharma industry, Regulatory bodies, Hospital and Clinical studies, in India and Abroad is the testimony for the quality of education.

ABOUT THE FACULTY DEVELOPMENT PROGRAMME

Nanotechnology has revolutionized the field of healthcare and medicine offering innovative solutions for the diagnosis, treatment and prevention of diseases. This FDP intends to provide faculty members with a comprehensive understanding of the applications of nanotechnology in healthcare and medicine and to explore the recent advances, trends, and challenges in the field of Nanotechnology. This technology is the fastest-growing field in healthcare and has proved to be a promising tool for treating various diseases as it offers newer and better treatment modalities by using nanoapproches. This FDP aims to foster innovation, collaboration and entrepreneurship among faculty members, enabling them to integrate nanotechnology into their teaching and research.

CHIEF PATRON

Prof. H. Sudarsana Rao
Vice Chancellor i/c
JNTUA, Ananthapuramu, A.P, India.

PATRON

Prof. S. Krishnaiah
Registrar
JNTUA, Ananthapuramu, A.P, India.

PROGRAMME DIRECTOR

Prof. G. Prasanthi
Director
Faculty Development Centre,
JNTUA, Ananthapuramu-515002,
A.P, India.

CHAIRPERSON

Smt. P. Sulochanamma
Correspondent
Sri Padmavathi School of Pharmacy
Autonomous
Tiruchanoor, Tirupati, A.P, India.

CONVENOR

Prof. D. Ranganayakulu
Principal
Sri Padmavathi School of Pharmacy
Autonomous
Tiruchanoor, Tirupati, A.P, India.

PROGRAMME CO-ORDINATOR

Dr. K. Ramesh Reddy
Professor and HOD
Department of Pharmaceutics,
Sri Padmavathi School of Pharmacy
Autonomous
Tiruchanoor, Tirupati, A.P, India.



A FIVE DAY FACULTY DEVELOPMENT PROGRAMME

on
“NANOTECHNOLOGY FOR HEALTHCARE
AND MEDICINE: A NEW ERA OF INNOVATION”

18th - 22nd February 2025



Jointly Organized by

SRI PADMAVATHI SCHOOL OF PHARMACY
AUTONOMOUS

Accredited by NBA (UG) and NAAC
Approved by AICTE and PCI, New Delhi, Affiliated to JNTUA, Ananthapuramu
Recognized under 2(f) & 12(B) of UGC Act.
Mohan Gardens, Vaishnavi Nagar, Tiruchanoor, Chittoor (Dist.), A.P. – 517503.

&

FACULTY DEVELOPMENT CENTRE
JAWAHARLAL NEHRU TECHNOLOGICAL
UNIVERSITY ANANTAPUR

ANANTHAPURAMU - 515002, A.P.

OBJECTIVES

- ★ To be aware of the most recent developments in drug delivery, treatments, and medical diagnostics relying on nanotechnology.
- ★ To empower participants with the knowledge and abilities they need to incorporate nanotechnology into their teaching and research endeavors.
- ★ To gain insight into nanomaterials and their usage in imaging, therapy, and medical diagnostics.
- ★ To learn methods to design, synthesize and characterize nanomaterials for medical applications; to talk about the difficulties, constraints and potential future directions of nanotechnology in healthcare and medicine.

HELPFUL IN CURRICULUM ENRICHMENT

- ★ Integrate nanotechnology concepts into existing courses, ensuring students are aware of the latest advancements.
- ★ Create new courses focused on nanotechnology for healthcare and medicine, addressing emerging topics and industry needs.
- ★ Interdisciplinary collaboration among faculty from diverse departments, promoting a holistic understanding of nanotechnology.
- ★ Invite industry experts to share their experiences, ensuring the curriculum remains relevant and aligned with industry needs.
- ★ Develop student-centered curricula that focus on practical applications, problem-solving, and critical thinking.

OUTCOMES

- ★ Develop and teach courses on nanotechnology for healthcare and medicine.
- ★ Integrate nanotechnology concepts into existing curricula.
- ★ Collaborate with industry partners and interdisciplinary teams.
- ★ Encourage students to think creatively and solve problems.
- ★ Contribute to improving human health and quality of life through the application of nanotechnology in healthcare and medicine.

RESOURCE PERSONS

Eminent Experts from National Universities, Institutions & Industry will Deliver the sessions.

ORGANIZING COMMITTEE

Dr. A. Sreenivasa Charan	–	Professor
Dr. P.N. Balaji	–	Professor
Dr. T.S. Durga Prasad	–	Professor
Dr. D. Sai Koteswara Sharma	–	Professor
Dr. P. Keerthisikha	–	Professor
Dr. B. Kishore	–	Professor
Dr. M. Hima Saila	–	Associate Professor
Dr. P. Lakshmi	–	Associate Professor
Mrs. G. Sirisha	–	Associate Professor
Mr. G. Siva Shankar	–	Associate Professor
Mr. P. Prakash	–	Associate Professor
Mr. D. Swamy Charan	–	Associate Professor
Mrs. C. Sirisha	–	Associate Professor
Mrs. A. Jyoshna	–	Assistant Professor
Dr. P. Sai Sunil	–	Assistant Professor
Ms. H. Neelofar	–	Assistant Professor
Mr. A. Ashok	–	Assistant Professor
Mrs. D. Prasanna	–	Assistant Professor
Dr. V. Saida Firdose	–	Assistant Professor
Mrs. M.K. Manisha	–	Assistant Professor

INSTRUCTIONS TO PARTICIPANTS

Target Audience

The participant must be a teaching faculty from constituent and affiliated colleges of JNTUA, Ananthapuramu.

Guidelines

- ★ No Registration Fee.
- ★ Participants will be selected on First-Come First-Serve basis.
- ★ Participant should maintain 100% attendance.
- ★ An evaluation test will be conducted at the end of the FDP.
- ★ Certificates will be issued based on the attendance percentage, test score and submission of feedback.
- ★ Accommodation will be provided on request.

REGISTRATION

Last date for the FDP Registration: 10-2-2025

Confirmation of Registration: 12-2-2025

Link

<https://forms.gle/nUVgC7sjdkfe9Yid6>

Scan QR Code & Complete Registration



For further assistance contact

Dr. B. Kishore

Cell: +91 7995536331
spspprinci@gmail.com
fdpspsp@gmail.com