

#### ABOUT THE COLLEGE

Lendi Institute of Engineering & Technology was established in 2008 under the aegis of Sai Dhamam Educational Trust. As an affiliated college of the JNTU (K), Lendi Institute of Engineering & Tech, has been playing a significant role since its inception in imparting Technical Education in the state of Andhra Pradesh. Lendi offers Five UG programmes (B. Tech) viz., EEE, ME, ECE, CSE, CSSE, CSIT and Four M.Tech programmes. The college has risen to fame in a short span of time due to the availability of a highly motivated teaching staff, top notch infrastructure, and placements to the outgoing students.

#### ABOUT THE DEPARTMENT

The Department of Science & Humanities consists of Chemistry, Mathematics, Physics, English and Management Science as sub-departments. All these serve as basic building blocks for all the Engineering departments in the university. The academic and research activities in diversified fields taken up by the members of the department are commendable.

The department of Chemistry is an intellectual and physical nexus of the basic sciences and engineering. We continue to advance fundamental knowledge in chemistry and open new vistas in the areas of environment, energy and nanoscience. The mission and goal is to educate and develop talented individuals who will be prepared to go out and change the world.

#### ABOUT THE FACULTY DEVELOPMENT PROGRAM

This FDP focuses on nanoscale Science, Engineering and Technology that have the potential to make valuable advances in different areas that include new nonmaterials, biology, medicine, energy conversion, sensors and environmental remediation. Nano Engineering is a highly diversified and multidisciplinary field. This FDP focuses on integrating various Science, Engineering and Technology disciplines necessary for successful careers in the evolving nanotechnology industry

#### OBJECTIVES OF THE FDP

Nanotechnology and Nanomaterials has been a thrust area of research over the past decade. Future advances in Nanotechnology could change our approaches to manufacturing, electronics, IT and communications technology. In this course, basic principles in Nanotechnology will be briefly discussed. Recent advances in Nanotechnology will give the participants a basic knowledge about the current status of Nanotechnology research. This will help the faculty to take up research in the field of Nanotechnology in their subject area.

#### SCHEDULE

##### Day 1: 10/08/2020

- Inaugural Session 10:00-10:30 am
- Talk by Prof. G. Nageswara Rao, Former Vice-Chancellor, Andhra University, Visakhapatnam, Andhra Pradesh, India. 10:30-11:30 am
- Talk by Assoc. Prof. Kinjal J Shah, Nanjing Tech University, Nanjing, China. 11:45-12:45 pm

##### Day 2: 11/08/2020

- Talk by Dr. V. Raviraj, Assistant Professor, IIT Jodhpur, Rajasthan, India. 10:30-11:30 am

##### Day 3: 12/08/2020

- Talk by Prof. A. Raja Kumar, IIT Kharagpur, West Bengal, India. 10:30-11:30 am

##### Day 4: 13/08/2020

- Talk by Prof. Ch. Subramanyam, IIT Hyderabad, Telangana, India. 10:30-11:30 am

##### Day 5: 14/08/2020

- Talk by Dr. N. Lingaiah, Senior Principal Scientist, CSIR-IIT Hyderabad, Telangana, India. 10:30-11:30 am

##### Day 6: 15/08/2020

- Talk by Dr. L. Giribabu, Senior Principal Scientist, CSIR-IIT Hyderabad, Telangana, India. 10:30-11:30 am
- Valedictory Session 11:30-12:00 pm

#### TIMELINES:

Date: 10<sup>th</sup>-15<sup>th</sup> August 2020

Timings: 10:30 AM-11:30 AM, Series of Talk  
15 Min. for Q&A Session

#### ELIGIBILITY:

The faculty members of Sciences, Engineering and Technology from Engineering Colleges, P.G colleges, Degree colleges, and Junior colleges are eligible. Research Scholars and Industrial persons can also apply.

#### REGISTRATION:

Limited number of participants only on the basis of first come first serve.

Registration fee Rs. 100/- can be paid through Google Pay/PhonePe to 9704006886 (or)

Bank Details:

Account Name: M. Balakrishna

Account No. 7962500101475101

Bank Name: Karnataka Bank

IFSC Code: KARB0000796

Distribution of Soft copy of Certificate: 17/08/2020

Distribution of Hard copy of Certificate:

30/08/2020

#### Registration Link:

<https://forms.gle/641j93xiicoTZFF28>



#### RESOURCE PERSONS

**Prof. G. Nageswra Rao**

Former Vice-Chancellor, Andhra University  
Visakhapatnam, Andhra Pradesh, India.

**Prof. Ch. Subrahmanyam**

Department of Chemistry,  
IIT Hyderabad, Telangana, India.

**Prof. A. Raja Kumar**

Department of Chemistry  
IIT Kharagpur, West Bengal, India.

**Dr. N. Lingiah,**

Senior Principal Scientist  
CSIR-IICT, Hyderabad, India.

**Dr. L. Giribabu,**

Senior Principal Scientist  
CSIR-IICT, Hyderabad, India.

**Dr. Raviraj Vankayala,** Assistant Professor

Department of Bioscience and Bioengineering  
IIT Jodhpur, Rajasthan, India.

**Assoc. Prof. Kinjal J Shah**

Nanjing Tech University  
Nanjing, China.

#### CHIEF PATRONS

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**Sri P. Srinivasa Rao**

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**Sri K. Siva Rama Krishna**

Secretary & Correspondent

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#### CO-PATRON

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**Dr. S. Sridhar,** Vice-Principal-Academics

#### CONVENER

**Dr. M. Balakrishna,** Associate Professor of Chemistry

#### CO-CONVENERS

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**Mr. B.G.G. Krishnam Raju,** Asst. Prof. of Chemistry

**Mrs. E. Jyothi,** Assistant Professor of Env. Studies

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**Dr. R. Rajender,** HOD, CS&SE

**Dr. K. Narasimha Raju,** HOD, CSIT

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**Dr. P. Tirumala,** Assoc. Prof. of Mgmt studies

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**Dr. T. Vinod Kumar,** Asst. Prof. of Mgmt studies

**Mr. R. Bulli Babu,** Assoc. Prof. of Maths

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**Mrs. M. Madhuri,** Asst. Prof. of Maths

**Mrs. K. Jyothi,** Asst. Professor of English,

**Mrs. Roja. Y** Asst. Professor of English

**Mr. Vinay Kumar B** Asst. Professor of English

**Mr. M Venkata Ramana,** Asst. Prof. of English

**Mr. P. Siva Nagesh,** Asst. Prof. of Mgmt studies

**Mr. V. V Vidya Sagar,** Asst. Prof. of Mgmt studies

**For all Queries  
related to this FDP**



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# ONE WEEK INTERNATIONAL ONLINE FDP

On

**LATEST TRENDS IN  
ENGINEERING, SCIENCE  
AND TECHNOLOGY:  
NANOMATERIALS  
(LIET: NANOMATERIALS)**

10<sup>th</sup> -15<sup>th</sup> August, 2020



**lendi**

Organized  
By

CHEMISTRY DIVISION, DEPARTMENT OF  
SCIENCE AND HUMANITIES

**LENDI INSTITUTE OF ENGINEERING AND  
TECHNOLOGY  
(An Autonomous Institution)**

Approved by AICTE & Permanently Affiliated to JNTU,  
Kakinada  
Accredited by NAAC with A Grade, NBA Accredited  
Jonnada (Village), Denkada (Mandal)  
Vizianagaram (District)-535005  
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