

### Teaching Learning Centre of NIT Warangal:

The Teaching Learning Centre (TLC) is established at NIT Warangal with grants from the Ministry of Human Resource Development, Government of India under the scheme, 'Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching' (PMMMNTT). Under this scheme a separate building for TLC with the state-of-art training facilities which include a studio for video recording of lectures is established. Many senior and young faculty members across various departments of the Institute are associated with this center as members of the Core-Team.

One of the important objectives of the center is to conduct short term and medium term training programs for Newly Inducted Teachers, In-Service Teachers and Teacher-Aspirants in Science and Engineering disciplines, so as to enhance their skills.

One of the important objectives of the center is to conduct training programs for Aspiring, Newly Inducted and In-Service faculty in Science and Engineering disciplines. Other activities of the TLC include preparation of e-learning materials, offering courses on-line, curriculum development, carrying out research in pedagogy and integrating ICT into teaching-learning process.

### About NIT Warangal

National Institute of Technology Warangal, formerly known as Regional Engineering College was established in 1959. Over the years it has developed into a premier institute of higher learning and is ranked among the top technical education institutions in India. There are 14 Departments offering eight undergraduate and 31 post-graduate programmes besides doctoral programmes. About 5000 students across the country and about 500 international students study in the campus. It is a fully residential campus sprawling over 250 acres with excellent infrastructure in the form of state of the art library, seminar halls, guest houses and laboratories.

Laknavaram Lake



### About Warangal

Warangal is the second largest city of the new state of Telangana. It is situated at a distance of 140 km from the state capital Hyderabad (Nearest Airport). It is well connected by Rail (Kazipet Junction is two km away and Warangal Station is 12 km away) and by Road (NH 202). Warangal is renowned for its rich historical and cultural heritage. It was the seat of erstwhile 5th Kakatiya dynasty. It is a place of tourist attraction with a number of historical monuments like **Thousand Pillars Temple, Warangal Fort, Bhadrakali Temple, Ramappa Temple and Laknavaram Lake.**

**For any queries regarding this workshop, please contact the Coordinators.**

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**For further details about TLC, please contact:**

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Teaching Learning Centre

National Institute of Technology Warangal

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**PMMMNTT  
Scheme**



*A Six-Day Faculty Development Program on*

**Teaching Engineering Standards and  
Intellectual Property Rights for  
Academics (ESIPR 2020)**

**13<sup>th</sup> -18<sup>th</sup>, February 2020**

**Call for Registration and Participation**

#### Coordinators

**Dr. Srikanth Korla**

**Dr. G V Ramana**

**Prof. L Krishnanand**

**Dr. V Vasu**

#### Organized by

**Teaching Learning Centre (TLC)**

**National Institute of Technology Warangal**

**Warangal - 506004**

**Telangana State, INDIA**

### Overview of the Programme:

Technical standard is a formal document that establishes uniform engineering or technical criteria, methods, processes and practices. The purpose of developing and adhering to standards is to ensure minimum performance, meet safety requirements, and to make sure that the product/system/process is consistent. Knowledge of engineering standards also help to make the components that can interface with other standard-compliant equipment by ensuring compatibility.

Intellectual property is the product of the human intellect including creativity concepts, inventions, industrial models, trademarks, literature, symbols, names, brands etc. Intellectual Property Rights (IPR) do not differ from other property rights. They allow their owner to completely benefit from his/her product which was initially an idea that developed and crystallized. They also entitle him/her to prevent others from using, dealing or tampering with his/her product without prior permission.

Engineering standards and patenting procedures are widely followed in industry and research laboratories. However, **these practices are not often taught or trained in academic institutions besides academic curriculum. Therefore, there is a dire need to train the academicians and students in the above mentioned topics which are essential for the Industry.** In this context, this faculty development programme is proposed to train the academicians, scholars, and industry personnel with the concepts of Engineering standard and procedures for intellectual property rights.

### Objectives of the Programme:

- ❖ To Enable the participants to learn various engineering standards widely used in Research laboratories and in industries
- ❖ To train the participants with the content of Engineering Standards for teaching in academia
- ❖ To Empower the participants with the knowledge on intellectual property rights, and the forms and procedures
- ❖ To Provide hands on experience in writing patent applications

### Topics in the Workshop:

- ❖ Covers the practices of various engineering standards in industry/research laboratories-ASME, ISO, SAE, AIAA, AISC, ASTM, ISRM etc.
- ❖ Covers FEA and EASA regulations
- ❖ Covers the Standards and various activities of Bureau of Indian Standards (BIS)
- ❖ Procedure in intellectual property rights-patents, industrial designs, trademarks, copyrights, geographical indicators etc.
- ❖ Practice sessions on patent writing

### Resource Persons:

Faculty from NIT Warangal, reputed industries, and research laboratories with experience and exposure on using various engineering standards and patent filing will deliver lectures and hands-on sessions. Partial list of the external resource persons is as follows:

- Dr. Vijaybhaskar Narayanamurthy, RCI, Hyderabad
- Dr. Shirish Sonawane, Professor NIT Warangal
- Mr. Kiran vagga, founder CEO, Omly
- Mr. Manoj Kumar, Scientist, Bureau of Indian Standards (BIS)
- Dr. Srikanth Korla, Associate Professor, NIT Warangal
- Dr. G V Ramana, Assistant Professor, NIT Warangal
- Practice sessions on IPR will be conducted by the specialists

### Registration is open to:

Faculty Members, Research Scholars and P G students working from Engineering & Technology institutions.

### Warangal attractions:



### How to Apply:

Eligible candidates may apply by submitting the scanned copy of the filled in registration form to

[korla@nitw.ac.in](mailto:korla@nitw.ac.in) by 7<sup>th</sup> February, 2020. The applicant has to send the registration fee in the form of a demand draft in favor of “**Director Research, NIT W**” payable **at Warangal, on or before 07-02-2020**. Registration fee may also be sent through On-line/NEFT to the bank account given below.

<b>Account Name</b>	<b>Director, Research Account, NIT Warangal</b>
Account Number	62266262236
Bank	State Bank of India
Branch	NIT Warangal Campus
IFSC code	SBIN0020149

### Registration Fees

Category of Participant	Amount
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Faculty	Rs.750/-
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Students and Research scholars	Rs.400/-
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Note: registration Fee for faculty and students of SC/ST category is half of the amounts mentioned as applicable

### Accommodation:

Accommodation for the outstation participants will be provided upon request in the Institute visitors Block or Students Hostels, subjected to availability and as per the institution norms on first come first served basis.

Accommodation Venue	Occupancy (NON AC)	One day Tariff per person
Institute Visitors Block	Double/Triple	Rs.600- Rs.800
International Students hostel	Double	Rs. 200



A Six Day Faculty Development Programme on  
Teaching Engineering Standards (ES) and Intellectual Property Rights (IPR) for  
Academicians

Organized by the

Teaching Learning Centre of NIT Warangal

Under the MHRD's PMMMNMTT Scheme

in association with

Mechanical Engineering Department, NIT Warangal

**REGISTRATION FORM**

13<sup>th</sup> -18<sup>th</sup> February 2020

Name : \_\_\_\_\_

\_\_\_\_\_

Date of Birth : \_\_\_\_\_

Place of Birth: Village/Town/City: \_\_\_\_\_ District: \_\_\_\_\_

Tick as applicable (Rural / Urban): \_\_\_\_\_ State: \_\_\_\_\_

Aadhaar number: \_\_\_\_\_ Gender (Put a ✓ Mark)  M  F

Category (Tick as applicable) : **Open / OBC / SC / ST / PWD**

Qualification : \_\_\_\_\_

Designation : \_\_\_\_\_

Organization : \_\_\_\_\_

No. of Years of Teaching Experience: \_\_\_\_\_

Address for Correspondence : \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Mobile(s): \_\_\_\_\_ E-mail(s): \_\_\_\_\_

Accommodation:  Required  Not Required

Payment Details (DD): Amount: \_\_\_\_\_ DD No.: \_\_\_\_\_

Date: \_\_\_\_\_ Bank: \_\_\_\_\_ Branch: \_\_\_\_\_

**Declaration by the Applicant**

If selected, I agree to abide by the rules and regulations of the workshop/ training programme and shall attend all the sessions.

\*\* Kindly go through the brochure before making payment

Date:

Signature of the Applicant

Recommended and Forwarded

Office Seal

Signature of the Head of the Department / Institution