

Volume 10, No. 3 (July – September, 2019)



National Institute of Technical Teachers Training and Research, Chandigarh

# Rewsletter



### **Seminar on Writing Scientific Papers for Quality Journals**

The Institute organized the seminar on "Writing Scientific Papers for Quality Journals" in the institute auditorium on July 5, 2019 at 10:30 am. Dr. Sanjay Sengupta, Principal Scientist, CSIR-National Institute of Science Communication & Information Resources, New Delhi was the key resource person. All faculty, research scholars and the ME students attend the seminar. Dr. Sanjay Sengupta explained the various aspects that the prospective author should consider to get their manuscript published in quality journals.

One Day Workshop on "Design of Flexible Pavements as per IRC: 37-2018" was held at NITTTR, Chandigarh on 10<sup>th</sup> July 2019. Guidelines for the design of Flexible pavements have been recently revised by the Indian Roads Congress in Nov. 2018. To upgrade the knowledge of professionals of Northern India in line with these guidelines, General Highways And Infracon Pvt. Ltd. (GHAIPL) in association with National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh organized One Day Workshop on "Design of Flexible Pavements as per IRC:37-2018". Shri Hussan Lal, Secretary PWD B&R, Punjab presided over the workshop. Dr. Sunil Bose, Deputy Director and Head, Flexible Pavements Division of CRRI; Er. Bidur Kant Jha, General Manager (Pavement & Materials) of LEA Associates South Asia Pvt. Ltd.; Dr. Tanuj Chopra of Thapar Engineering College were the keynote speakers. More than 200 delegates from J&K, Punjab, Haryana, Himachal Pradesh, Rajasthan and Maharashtra participated in the event.

### One Day Workshop on "Design of Flexible Pavements as per IRC: 37-2018"





#### Regional Workshop on Renew and Orientation on Unnath Bharath Abhiyaan

Department of Rural Development organized one day Orientation workshop on Unnat Bharat Abhiyan (UBA) for the State of Punjab and Chandigarh on 19th July 2019. Prof V K Vijay, National Coordinator, UBA, IIT Delhi, Dr R K Soni, Regional Director for NW AICTE, Chandigarh amongst others were present.



### MOU with Electrical Engineering Department on 9<sup>th</sup> August 2019

Department of Electrical Engineering has entered the MoU with Typhoon HIL, Switzerland for setting up of Industry supported HIL laboratory. As a part of this collaboration Typhoon HIL Switzerland shall sponsor one research scholar every year in the area of Electrical Engineering. Also, it will give a technical support for the development of MOOC courses such as HIL for Smart Grid, renewable energy and distributed generation, electric vehicles and other related areas.

### हिंदी माह का आयोजन

संस्थान में 02 सितम्बर से 30 सितम्बर 2019 तक सितम्बर माह को हिंदी माह के रूप में मनाया गया। समारोह की अधयक्षता संस्थान के निदेशक डा0 एस एस पट्टनायक ने की, समारोह का शुभारम्भ दीप प्रज्ज्वलन तथा संस्थान के कुलगीत के साथ किया गया। इस माह के दौरान हिंदी सुलेख, हिंदी शब्दज्ञान, हिंदी श्रुतलेख, हिंदी टाइपिंग, हिंदी नोटिंग, हिंदी उच्चारण एवं हिंदी कविता पाठ नाम की सात प्रतियोगिताओं का आयोजन किया गया। इन प्रतियोगिताओं में संस्थान के 122 प्रतिभागियों ने भाग लिया। फैकल्टी प्रभारी द्धप्रशासनऋ इंजी० पी.के. सिंगला ने संस्थान में वर्ष के दौरान हिंदी में किये गए कार्यों की रिपोर्ट प्रस्तुतकी। इस समारोह के दौरान प्रश्नमंच का भी आयोजन किया गया, जिसमें संस्थान के अधाकारियों / कर्मचारियों एवं विद्यार्थियों ने उत्साहपूर्वक भाग लिया। इसके पश्चात अधयक्ष महोदय ने पुरस्कार विजेताओं को पुरस्कृत किया एवं अपने अधयक्षीय भाषणमें हिन्दी की दिनों दिन बढ़ रही प्रगति की प्रशंसा की। उन्होंने पुरस्कार विजेताओं को बधााई देने के साथ – साथ उन लोगों का भी उत्साहवर्धान किया जिन्होंने हिन्दी प्रतियोगिताओं में भाग लिया था। समारोह का समापन राष्ट्रगान के साथ हुआ।







Dr. SS Pattnaik, Director of the institute addressing the faculty, staff and students on the Annual Hindi Day Celebrations held on 26.09.2019.



Tree Plantation drive was carried out by the institute faculty, staff and students on 14<sup>th</sup> August 2019

Ph. D. Viva-
Voce
<b>Examination:</b>

Name of Scholar	Title of the Thesis	Supervisor	Date
Mr. Ram Murat Singh	Performance Analysis of a Surface EMG Based Control Scheme of an Exoskeleton Robot	Dr. S Chatterji	24.07.2019
Mr. Swar Sushil Kumar Mastram	Structural Performance of Densified Small Particles Based RC Joints	Dr. SK Sharma, (Professor, NITTTR, Chandigarh) and Dr. HK Sharma (Professor, NIT, Kurukshetra)	04.09.2019





Director of the institute hoisting the National Flag and addressing the faculty, staff and students during Independence Day Celebrations on 15.08.2019













## Other Major Achievements

1. Tech Spardha 2K19: National Level Competition on Prototype Development was held between 5<sup>th</sup> to 7<sup>th</sup> September 2019 at NITTTR, Chandigarh. More than 15 Teams were participated in the event and developed and showcased their prototypes in a continuous 36 hours marathon session.



















Institute celebrated
Teachers Day
Celebrations at
NITTTR,
Chandigarh

3. Institute celebrated 52nd Annual Day on 7th September, 2019. Sh. Laxmi Narayan Gupta (IAS), Technical member, National Company Law Tribunal, New Delhi graced the occasion as Chief Guest



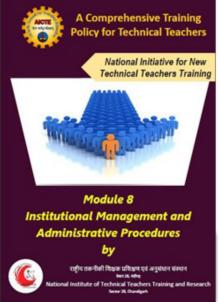
4. The institute launched NRC in Big Data Analytics in Smart Grid launched on SWAYAM with more than 8000 learner registrations.

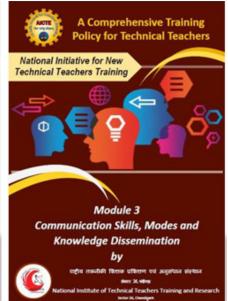
The institute bid
Farewell to Hon'ble
Chairman Board of
Governors, Dr. K K Talwar on
12th July 2019



5. The institute launched AICTE Teacher Training Modules (3 out of 8) on 11th September, 2019 on Creative Problem Solving, Innovation and Meaningful R & D; Institutional Management and Administrative Procedures; Communication Skills, Modes and Knowledge Dissemination







### **Faculty Achievements:**

- Two Faculty members, Prof. Maitreyee Dutta and Prof. C Rama Krishna have been sponsored by AICTE, New Delhi for AICTE-UKIERI Leadership Development Programme held from 30<sup>th</sup> July 2<sup>nd</sup> August, 2019.
- · NITTTR Chandigarh conducted AICTE ATAL Sponsored One Week Training Programme on Cyber Security from 6<sup>th</sup> September 2019 to 20<sup>th</sup> September 2019. 35 participants from different states attend the programme. Professor (Dr.) Maitreyee Dutta and Professor (Dr.) C Rama Krishna were the coordinators of the event.
- Two faculty members Dr. Amit Goyal and Ms. Garima Saini have been sponsored by Malaysian government to attend training programs on Industrial Automation in TVET Training and Enchantment Train the Trainer Programme from 3<sup>rd</sup> September to 20<sup>th</sup> September, 2019.
- · Dr. Kanika Sharma submitted Sponsored Research Project, 'Design & Development of Low Cost Sensor Network for Detecting Pollutants for Health Monitoring' to DST.
- · Prof. Amod Kumar and Dr. Kanika Sharma submitted Sponsored Research Project, 'Quantification of pain using Biosignals' CSIR.

### **Training Programmes conducted during**

Programme Mode	July-September, 2019		
	Number of Programmes	Number of Teachers Trained	
Contact Mode	85	1458	
Training Programmes through ICT	15	1647	



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Team : Dr. Kanika Sharma, Dr. Ritula Thakur, Er. Amit

Doegar, Er. Himmi Gupta, Dr. Amit Goyal, Dr. PS Rao,

Published by : Director, NITTTR, Sector 26, Chandigarh Printed at : Deepak Printpack, Ph: 0172-4622003