



National Institute of Technical Teachers Training and Research, Chandigarh

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Newsletter



National Seminar on New Frontier in Cloud & Edge/Fog Computing for Big Data & IoT

Dr. Rajkumar Buyya, Professor and Director, Cloud Computing and Distributed Systems (CLOUDS) Lab, The University of Melbourne, Australia and CEO, Manjrasoft Pvt Ltd, Melbourne, Australia has delivered a keynote lecture on the topic of Cloud and Edge/Fog Computing for Big Data & IoT on 23rd April 2019 at NITTTR. The seminar was organized jointly by CSE and IMCO Department of NITTTR. More than 25 participants attended the seminar. The seminar focused on the emerging technologies like cloud, Edge computing and Fog computing and their applications in the big data analytics and Internet of Things.



Best Umpire NPL-9 on 3rd April, 2019



Mrs. Suniti Sharma,
 Director
 (Raj Bhasha), MHRD
 inspecting the Hindi
 works in the institute
 on
 23rd April, 2019



A one day workshop on 'Internet Deaddiction & Digital Detox' was organized in collaboration with Planet Psychology Academy, Chandigarh and MANOSAMVAAD, New Delhi on 13th April, 2019 at the institute. Resource Persons highlighted about the various problems that arises from Internet and Social Media Addiction. They highlighted various ways on how to get de-addicted from Internet and Social Media and engage themselves in many other creative things. The workshop was attended by faculty and students of NITTR and many participants from various other organizations. Professor SS Pattnaik, Director of the institute interacted with the participants on Mobile Radiation and Impact.



Dr. Neeru
Senior Hindi Officer, IMTECH, Chandigarh
addressing the staff of the institute
on 13th June, 2019



Visit of Team Hyperion,
a Solar Vehicle Team from Sinhgad College
of Engineering, Pune
on 1st April, 2019



Prof. SS Pattnaik
Director addressing all the Deans, HoDs, Professors and Section Officers regarding promoting Hindi in our daily official transactions on 16th May 2019



Mr. BK Mishra
Senior Vice President of Tech Mahindra addressing the faculty of the institute and participants of STCs at NITTR, Chandigarh



To promote awareness and learning of Yoga, the institute has taken many initiatives. M.E./Ph.D Scholars, Faculty and staff along with their family benefitted from these activities. The above events were organized by Er. Ajay K. Duggal, Er. PK Singla and their team members on 18th June, 2019.



MoU with uLektz

NITTR Chandigarh has entered an MoU with uLektz Learning Solutions Pvt. Ltd. (uLektz.com), Chennai on 16th May 2019 for (i) Designing and developing eLearning courses for NITTR, (ii) Facilitating content development through empanelled Subject Matter Expert (SME), (iii) Developing eLearning courses on emerging areas of Engineering and Technology, (iv) Converting and

developing the existing physical modules in the eLearning Courses to reach a wider audience as per the NITTR requirement, (v) To facilitate NITTR to conduct online Industry based Programmes, (vi) To offer Microsoft technology based courses in online mode, and (vii) Deliver online courses with e-Proctored Assessments and Online Certifications on AICTE Model Curriculum of Courses at UG Level in Emerging Areas such as: Artificial Intelligence, Internet of Things (IoT), Blockchain, Robotics, Quantum Computing, Data Sciences, Cyber Security, 3D Printing and Design, and Virtual Reality (VR), etc.



Curriculum Development Workshop on new ME Courses on Internet of Things, Artificial Intelligence, Robotics and Smart Grid on 24th April 2019.



The institute celebrated Anti-Terrorism Day on 21st May 2019 during which Pledge ceremony and Essay/Debate Competition were held.

Superannuation



Sh. RK Malik,
Section Officer,
30.04.2019

Sh. Bhag Singh
Laboratory Attendant
30.04.2019

Sh. KS Elias
Senior Technical Assistant
31.05.2019

Training Programmes conducted during

Programme Mode	April- June, 2019	
	Number of Programmes	Number of Teachers Trained
Contact Mode	44	817
Training Programmes through ICT	15	1817

The Faculty Members of NITTTR have submitted the following Project Proposals for Various Funding Agencies:

- Unnat Bharat Abhiyan (in association with IIT Delhi – Grants Received)
- Energy Efficient Solar Powered Charging Station and Bidirectional Converter for Plug in Electric Vehicle to Grid (V2G) Interface, Power Quality Improvement of IoT based Grid Connected Hybrid PV and Wind System
- Analysing the Effect of Different Cross-Sections of Column in High-Rise Building Air Pollution Trend Analysis in Various Districts Of Haryana Region
- Development of Artificial Intelligence Based Real-Time Maximum Power Point Tracking Controller for a Hybrid Renewable Energy System

Consultancy Project Undertaken - Recruitment Test for various posts of TGTs under Sarva Shiksha Abhiyan, Chandigarh by Dr. SS Banwait, Professor, Mechanical Engineering, Dr. Sunil Dutt, Professor & Head, Education & Educational Management and Dr. Rakesh Kumar Wats, Professor & Head, Media Centre.

Publications by the Faculty of the institute for the Period of April – June 2019:

SCI Indexed Journals – 02

Scopus Indexed Journals – 01

Other Journals – 06

International Conferences – 06

Ph. D.Viva - Voce Examination :

Name of Scholar	Title of the Thesis	Supervisor	Date
Mr. Mohammad Junaid Khan	Development of Artificial Intelligence based Real Time Maximum Power Point Tracking Controller for a Hybrid Renewable Energy System	Dr. (Mrs.) Lini Mathew	27-05-2019