



National Institute of Technical Teachers Training and Research, Chandigarh

# Newsletter



A function was organized to celebrate the New Year 2020 in the institute auditorium. During the celebrations, Professor SS Pattnaik, Director of the institute addressed the faculty, staff and ME/Ph.D. Scholars. In addition, Dean (Academics, Research & Development) and Dean (Extension Services & Consultancy) also spoke on the occasion.



## Workshop on “New Education Policy, 2020 on Technical Education and Challenges”

The challenges to inclusively develop the country are dynamic in nature, and essentially include the quality education as a first step in this direction. Government of India has envisioned to achieve the goal through New Education Policy. It is in this context, NITTTR Chandigarh organised one-day workshop on March 06, 2020 on 'New education policy on technical education and challenges'.

The main objective of this workshop was to bring together the academicians, policy makers, researchers, engineers and scholars from institutions, universities, and industries to exchange and share their ideas about the policy. The brainstorming was on the practical challenges that may be encountered, as course of implementation and the steps to be taken for seamless integration of present education system of Higher Education in India and upcoming policy.

**Green Skill Development Programme on “ETP/ STP /CETP Operation and Maintenance”** was conducted from 13<sup>th</sup> January 2020 to 5<sup>th</sup> March 2020 by ENVIS HUB, Department of Environment, UT, Chandigarh in collaboration with NITTTR, Chandigarh. In the programme funded by Ministry of Environment, Forest and Climate Change, Govt. of India, 19 participants from all over the country were imparted skill development training regarding various aspects of effluent treatment plants, sewage treatment plants and common effluent treatment plants. During the programme participants have visited various ETP/STP/CETP plants to understand the waste water discharge and functioning of water treatment in industries. Professor Sanjay Sharma and Professor Poonam Syal coordinated of the program.





### 3rd International Conference on 'Innovative Technologies for Clean and Sustainable Development' (ITCSD 2020)

The third international conference on Innovative Technologies for Clean and Sustainable Development was organized at NITTTR, Chandigarh on February 19- 21, 2020. The conference was a collective effort of NITTTR and Maharaja Agrasen University, Baddi. The event sponsored/supported by RILEM, ACI, JCI, Springer, Materials Today: Proceedings, ICI and ICACI and was attended by more than 250 Participants from different countries to present their recent works in the area of clean technology and sustainable development.

There were 29 sessions with 4 key-note speakers and 5 invited speakers. On the first day of the event, the opening ceremony was introduced by Dr. N. Gopalakrishnan.



### National Conference on Biomedical Engineering

A National Conference on Biomedical Engineering was organised by the department of Electronics and Communication Engineering, NITTTR, Chandigarh from January 22 – 24, 2020.

The conference was inaugurated by Dr. G Dewan, the Chief Guest, Dr. Munna Khan, the Guest of Honour, and Dr. SS Pattnaik, Director NITTTR Chandigarh, Dr. SS Gill and Dr. Amod Kumar, the Organizing Chairs. Dr. G Dewan, Director, Health Services, UT, Chandigarh spoke about the importance of Biomedical Engineering in technical field. He also talked about how Engineers and Doctors can work side by side for the betterment of the individuals. Dr. Munna Khan, Professor, Jamia Millia Islamia University, New Delhi talked about Multi-Dimensional Applications of Biomedical Engineering. He also presented his work related to the stealth aircrafts.

Dr. Garima Saini, Convener of the conference told about the theme of the conference and sponsorship received from Department of Scientific & Industrial Research under A2K+ Scheme. Professor SS Gill spoke about the department activities and conference sessions.

One day conference tutorial by industry was planned in this conference to increase the knowledge of the subject, practical challenges and to open the minds of the researchers towards specific topics. The first day of the conference started with tutorial on "Hands on Physiograph" by Dr. UN Maurya, Managing Director, LM HealthCare. He talked about Physiography



and conducted hands on session for obtaining different body vital parameters. Another tutorial session was held in afternoon on "Posture and Object Recognition" by Dr. Kanav Kahol, CEO Pinktech Design and former faculty, Arizona State University, USA. He communicated about posture and object recognition and showed implementation for the same. There were six technical sessions. The sessions were named as Soft Computing, Biomedical Engineering Devices, Optical Systems, Communication Technologies, Biomedical Engineering Techniques and Antenna Engineering. The conference was attended by 55 participants and was ended with distribution of certificates to participants by Dr. Brahmjit Singh, Professor, NIT, Kurukshetra.



**23<sup>rd</sup> Meeting of Academic Council** of the institute was held on 03.02.2020. The meeting was chaired by Professor SS Pattnaik and was attended by Professor DP Agrawal, Former Chairman, UPSC, New Delhi; Mr. Tarikdeep Singh, Principal Group Head of IoT Solutions, TechMahindra, Mr. Vikrant Jain, Programmer, TechMahindra and all Professors of the institutes. Dr. SS Banwait, Dean (Academics, Research & Development) was the Member Secretary, Academic Council.



**A Capacity Building Training Programme** was organized in collaboration with Association of Professional Social Workers and Development Practitioners (APSWDP) Chandigarh and Municipal Corporation, Chandigarh on **"E-Waste and Circular Economy"** on 4<sup>th</sup> February 2020. Ms. Dea Andrea Wehrli from E[co]work Association and Empa, Switzerland, an Environmentalist and E-Waste Recycling Expert emphasized on the solutions by the way of identifying informal waste sector, enabling them by the way of building their capacities and transforming them into formal micro entrepreneurs. 71 faculty members and students attended the programme. As an outcome of the programme, it was decided that the institute will identify its E-Wastes and prepare a plan for its disposal.

## **Green Skill Development Course on 'Sustain and Enhance Technical Knowledge in Solar Energy Systems'**

has been organized from 4 February, 2020 to 18 March, 2020 by NITTTR, Chandigarh in collaboration with ENVIS Hub, Department of Environment, Chandigarh Administration. Twenty one participants from all over country participated. The program was sponsored by Ministry of Environment, Forest and Climate Change, Govt. of India. During the training, the participants were provided knowledge about various solar energy technologies and operation maintenance of solar devices. The course curriculum included detailed knowledge regarding the Solar Photovoltaic Panel installation, operation, and maintenance works involved in the various solar energy systems. Professor Sanjay Sharma and Professor Poonam Syal were the coordinators of the program.



As part of **Nation's FIT INDIA Programme** launched by Hon'ble Prime Minister of India, NITTTR Chandigarh took initiative to be part of this movement through various activities. A session was organized in collaboration with SWEAT FITNESS on Health, Nutrition and Exercise by Internationally Certified Sports Nutritionist experts with a certification done from viz. NESTA and ISSA, U.S.A. on 6th February, 2020 at 3:00 pm in the Institute auditorium. The session sensitized faculty, staff and ME/Ph.D. scholars and were aware about the sustainability of fitness lifestyle and how easy it is to stay fit with busy lifestyle. It was a step towards creating awareness to remain fit and take care of our nutrition and food habits.

Professor Ronki Ram, Professor, Department of Political Science, Panjab University, Chandigarh delivered an invited talk on **'Building Nation in a Multicultural Society: Dr. BR Ambedkar, Constitution & Social Democracy'** on 07.01.2020. Faculty, staff, STC participants and ME/Ph.D. scholars attended the talk.





## Massive Open Online Courses (MOOCs) on SWAYAM Portal

Programme Title	Coordinator(s)	Dates	No. of Participants
Research in Technical Education (First Re-run)	Dr. PK Tulsi Dr. Sunil Dutt Er. Amandeep Kaur	27 January – 30 March, 2020	1490
Development of Self Learning Material (First Re-run)	Dr. Sunil Dutt	24 February – 17 April, 2020	1218
Graphics and Animation Development (First Re-run)	Er. Shano Solanki	24 February – 17 April, 2020	1924
AICTE - NITTT - Module 3 – Communication Skills, Modes & Knowledge Dissemination	Er. Amandeep Kaur	2 March – 27 April, 2020	10030
AICTE - NITTT - Module 7 – Creative Problem Solving, Innovation and Meaningful R&D	Dr. PK Tulsi Dr. Sunil Dutt	2 March – 20 April, 2020	4147
AICTE - NITTT - Module 8 – Institutional Management & Administrative Procedures	Dr. RK Wats Dr. SS Pattnaik Dr. Sunil Dutt	2 March – 27 April, 2020	3014

## Training Programmes conducted during

Training Programmes Mode	January – March, 2020	
	Number of Programmes	Number of Teachers Trained
Contact Mode	55	1064
ICT Mode	20	2848

## Superannuation



Sh. Suresh Sharma  
Section Officer  
28.02.2020



Sh. Kuldeep Kumar  
Laboratory Attendant  
28.02.2020



Dr. PK Tulsi  
Professor  
31.03.2020



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Co-Chairman : Professor (Dr.) KG Srinivasa

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Doegar, Er. Himmi Gupta, Dr. Amit Goyal, Dr. PS Rao,  
Er. Amardev Singh, Mrs. Savita Bhanot

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