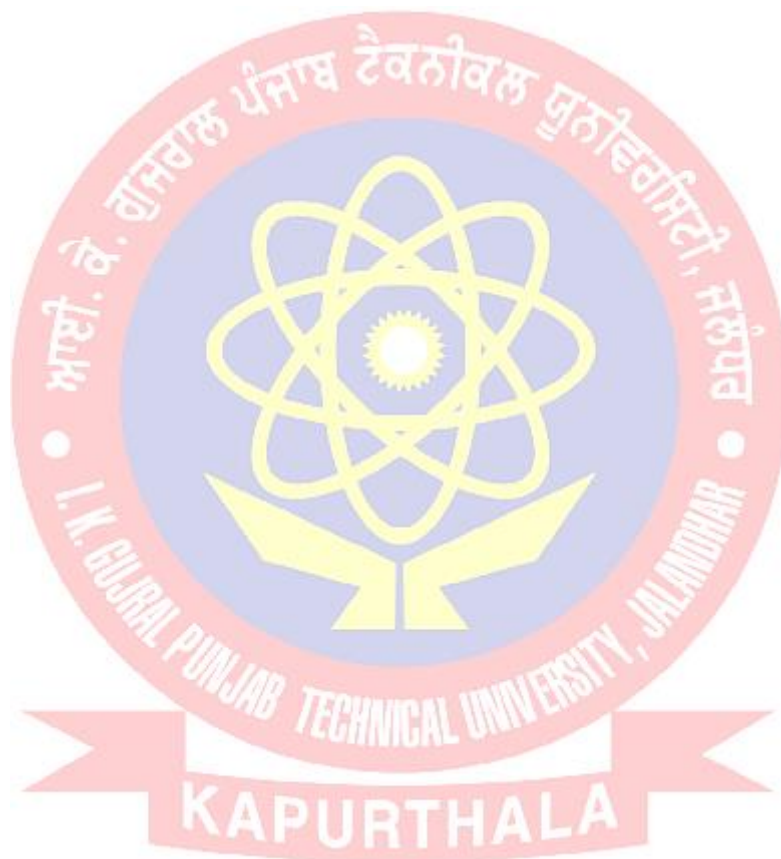


6.3.3

Professional Development / Administrative Training Programmes organized for Teaching and Non-Teaching staff.



NITTR AND IKGPTU Organize
One Week Faculty Development Programme (FDP)
Recent Advances in Nanostructured Materials
(January 13-17, 2020)

at
IK Gujral Punjab Technical University,
Main Campus, Kapurthala-144603 (Punjab)



Chief Patron
Dr. Shyam S. Pattnaik
Director, NITTR Chandigarh

Vice-Chancellor, IKGPTU Kapurthala
Dr. Ajay Kumar Sharma

Convener
Dr. Hitesh Sharma
IKGPTU, Kapurthala

Programme Coordinator
Dr. Ashok Kumar
NITTR Chandigarh
Email: ashokku@nittrchd.ac.in

Dr. Neetika
IKGPTU Main Campus, Kapurthala
Email: dr.neetika@ptu.ac.in

I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY, KAPURTHALA

IKGPTU was established by an Act of State Legislature on 16th January 1997, to promote technical, management and pharmaceutical education in the state at degree level and above. It was renamed as I.K. Gujral Punjab Technical University by State Government in the honor to Late Sh. Inder Kumar Gujral, Former Prime Minister of India, in 2015. The University has the mandate to set up centres of excellence in emerging technologies and for promoting research and development in these areas.

Department of Physical Sciences Development
I.K. Gujral Punjab Technical University

Main Campus

IKG PTU has bagged the Best Technical University Award for the year 2013 by Indian Society for Technical Education (ISTE), Best University Promoting High Quality Research at Masters and Doctoral Thesis Work in 2013 by the Consortium of Co-Chairpersons-Industry (CCI) of Gujarat Technological University (GTU), and eINDIA 2010 Award of the Year as "ICT Enabled University of the Year" and "Open and Distance Learning Initiative of the Year Award" by the Ministry of Information and Communication Technology, Govt. of India, at Hyderabad.

IKG PTU is committed for providing the training and placement of its students and faculty. Faculty Development Programs have been regularly organized with experts/Professionals from IITs, IIMs, NITs, Universities and Industries. The University has a mission to provide excellent education to the students and make the affiliated institutes as Centres of Excellence.

NATIONAL INSTITUTE OF TECHNICAL TEACHERS TRAINING AND RESEARCH, CHANDIGARH

NITTR Chandigarh, formerly known as Technical Teachers Training Institute (TTTI), was established by Ministry of Human Resource Development (MHRD), Government of India in 1967 to meet the requirements of training Polytechnic teachers for the growth and development of polytechnic education in the northern region of the country. Institute ushered into a new era in November 2003, with its changed name and enhanced status as National Institute of Technical Teachers Training and Research (NITTR). It is one of the four National Institutes in the Country with a focus on the Northern Region comprising the states of Haryana, Himachal Pradesh, Punjab, Rajasthan, Uttar Pradesh, Uttarakhand, National Capital Territory of Delhi, and Union Territory of Chandigarh, Jammu & Kashmir, and Ladakh. Presently, the outreach of the programmes and activities of the institute covers the entire gamut of technical education. It is now reckoned as a resource institute for the technical education system providing services to its clientele covering faculty/staff of technical institutions, officials of directorates/boards of technical education, central and state government departments, industry, students from technical institutes, community and trainees from overseas.

OBJECTIVES AND SCOPE

Nanostructured materials have gained prominence in technological advancements due to their tunable physical, chemical, and biological properties with enhanced performance over their bulk counterparts.

Topics to be covered:

- ❖ Nanostructured Materials and Systems
- ❖ Carbon based Nanomaterials & Applications
- ❖ Synthesis and Characterization of Nanomaterials
- ❖ Advanced Electronic and Magnetic Materials
- ❖ Advanced Ceramic, Composite and Polymeric Materials
- ❖ Modelling and Simulations of Devices and System
- ❖ Advanced materials for Medicine/Healthcare, Green Energy and Environment

Lectures will be delivered by Expert faculty members and professionals from reputed organization to provide insight and future scope of nanostructured materials.

ELIGIBILITY

This FDP has been designed for faculty members from the AICTE approved technical institutions.

HOW TO REGISTER

1. Faculty interested in attending the FDP have to register individually on website of NITTR, Chandigarh, following the link: <http://14.139.60.236/siteonline/index.php>
- The firsttime users will be asked to pay annual convenience fee of Rs. 100/- (valid for one financial year).
2. The steps are self-explanatory. In case of any assistance, please contact us on 0172-2759772 and email ID: dr.neetika@ptu.ac.in, ashokku@nittrchd.ac.in

REGISTRATION FEE

1. There is NO COURSE FEE for participants from AICTE approved technical institutions (Engineering and Polytechnic). However, the registration will be on first come first basis as the number of seats are limited.
2. The participants from Industry/Educational Institutions (other than Technical Institutes)/ Research Scholars and TEQIP-III sponsored Institutions may attend this course after paying a COURSE FEE OF RS. 5000/- + 18% GST. For other details please refer to: <http://14.139.60.236/siteonline/STCTADA-Oct2016.pdf>

ACCOMMODATION

Limited accommodation on sharing basis is available in the Guest House/Students Hostel for outstation participants with an advance request on the first come first serve basis.

Faculty development Programme on "Recent Advances in Nanostructured Materials" w.e.f. 13.01.2020-17.01.2020
Venue: Room No A-111, 1st floor, CB-1, I K Gujral Punjab Technical University, Kapurthala

TIME TABLE

Day & Date	09.30 AM-11.00 AM	11.30 AM - 01.00 PM	02.00 PM - 03.30 PM	03.45 PM - 05.15 PM
Day-1 13.01.2020 Monday	Registration & Inauguration	Fundamentals of Nanotechnology, characterization of Materials and thin films (Dr. Ravi Kumar, NIT Hamirpur)	Materials for energy application (Dr. O.P. Pandey, TIET, Patiala)	Instrumentation in Nanotechnology (Dr D. Sahdev, Director Quazar Tech, New Delhi)
Day-2 14.01.2020 Tuesday	Strange transport behavior in 2D materials (Dr D. Sahdev, Director Quazar Tech, New Delhi)			
Day-3 15.01.020 Wednesday	Phonon and electron transport in nanomaterials (Dr. Chandan Bera, INST Mohali)			
Day-4 16.01.2020 Thursday	Oxide nanomaterials for emerging applications (Dr. Ashok Kumar, NITRR Chandigarh)	Carbon-Based Nanomaterials for Applications in Healthcare and Environment (Dr. Prabhpreet Singh, Chemistry, GNDU)	Modelling & Simulation (Dr. Hitesh Sharma, IKG PTU Jalandhar)	Thin films physics and applications (Dr. Ashok Kumar, NITRR Chandigarh)
Day-5 17.01.2020 Friday	Spin transport in magnetic insulator (Dr. Debangsu Roy, IIT Ropar)			
		Low-temperature scanning probe microscopy (Dr. Gautam Sheet, IISER Mohali)	Visit to National Institute of Renewable Energies and Science City (Dr. Hitesh Sharma and Dr. Neetika, IKG PTU Jalandhar / Dr. Ashok Kumar, NITRR Chandigarh)	Quantum ATK & VNL: Modelling and Simulation Software (Dr. Hitesh Sharma and Dr. Neetika, IKG PTU Jalandhar / Dr. Ashok Kumar, NITRR Chandigarh)
		Doping effects in transparent conducting oxide (Dr. Abhinav Pratap Singh, NIT Jalandhar)		
		Nanomaterials for water management and agricultural applications (Dr. Kiran Jeet, PAU Ludhiana)		
			Evaluation & Valediction	

Dr. Hitesh Sharma (Convener), Dr. Neetika (Local Coordinator) and Dr. Ashok Kumar (Coordinator)



Dr. Hitesh

DEPARTMENT OF APPLIED SCIENCE

STC on "Recent Advances in Nanostructured Materials" (National Level)
(13-17 January, 2020)

O. Plan No. AS-20

Course Co-ordinator : Dr. Ashok Kumar

Venue : I.K. Gujral, Kapurthala (Pb)

Registration & Attendance Sheet:

Sr. No.	Name (in English), Designation & Official Address	Name (in Hindi) Contact No. & E-mail	Pvt/Govt./ Govt. Aided (if TEQIP please mention)	M/F	SC/ST, OBC, General	13		14		15		16		17	
						M	E	M	E	M	E	M	E	M	E
1.	Dr. Prachi Assistant Professor Roorkee Institute of Technology, Roorkee, Uttarakhand	डा० प्राची 9761567948 prachi.chy@rit.roorkee.com	No	F	General P										
13	D. Sahdev (SPEAKER) (Ex) IIT Kharagpur QuazaTech New Delhi	डा० सहदेव 8800845344 ds@iitk.ac.in	No	M	Gen										
2.	Dr. Neelika, A.P. I.K.G PTU, Kapurthala	डा० नीलिका 7059838150 neelikaphy@gmail.com	Govt	F	Gen										
4															
3.	Dr. Amoljit S. Gill A.P. I.K.G PTU Kapurthala	9988700421 amol_gill@rediffmail.com	Govt	M	General P										
10															


Head
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I.K. Gujral Punjab Technical University,
Main Campus

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						M	E	M	E	M	F	M
4.	Dr. Rabina Poudel Asstt Prof. IKG-PTU Kapurthala (5)	डा. राबिया पण्डित - 8360170682 - rabriabest@gmail.com	Govt.	F	General	P	P	P	P	P	P	P
5.	Dr. Vandana Naithani Assistant Prof. IKG PTU (14) Kapurthala	वन्दना नैथानी - 9478098084 naithanivandana@gmail.com	Govt.	F	General	P	P	P	P	P		
6.	Dr. Anshul Dadwal Assistant Prof. IKG PTU, KPT. (8)	अंशुल दादवाल - 9417911076 -> dadwal.anshul@gmail.com	Govt.	M	Gen.	P	P	P				
7.	Dr. Amit Saini Asso. Prof. ASR Campus. (12)	अमित सैनी 9465884849 amod1amit@jtu-ac.in	Govt.	M	Gen.	P						
8.	Dr. M.K. Grewal Asstt. Prof. IKG PTU, KPT (32)	मी.के. ग्रेवाल 9855857900 neelkantgrewal@gmail.com	Govt.	M	Gen.	P	P	P	P	P	P	P

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						M	E	M	E	M	E	M	E	M	E
9. (1)	DR. MEGHA GOYAL Asst. Prof. IKGPTU, KPT	डा० मैधा गोयल 94640-53322 dr.meghagoyal@ptu.ac.in	Govt.	F	GEN.	P	P	P	P	P					
10. (2)	Dr. Manpreet Kaur Asst. Professor IKGPTU, KPT	डॉ. हरप्रीत कौर 94658-84840 maanhs57@gmail.com	Govt.	F	GEN	P	P	P	P	P	P	P	P	P	P
11.	Dr. Raubir Singh Assoc. Prof. & Head IKGPTU	डा० रणबीर सिंह 94780-98070 raubirdeeba@gmail.com	Govt	M	GEN	P									
12.	Dr. SARABJIT SINGH ASSISTANT PROFESSOR IKGPTU	डॉ. सरजित सिंह 94780-98061 MANNKARIA@GMAIL.COM	Govt	M	GEN	P									
13. (20)	Dr. Amit Bansal A.P. IKGPTU	8289000931 amit.bansal978@gmail.com	Gov	M	Gen	P	P	P	P	P	P	P	P	P	P

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						M	E	M	E	M	E	M	E	M	E
14.	Dr. Rupesh Kumar AP IKGPTU, Kapurthala (3)	डा. रुपेश कुमार 9914231989 rupesh.manak@gmail.com	Govt	M	Gen	P	P	P	P						
15	Dr. Rakesh Goyal AP IKGPTU, Kapurthala (9)	डा. रमेश गोयल 9465884826 drakeshgoyal15@gmail.com	Govt.	M	Gen	P	P	P	P	P	P	P	P	P	P
16	Dr. Anwar Singh Buttar AP IKGPTU Kapurthala (30)	डा. अवतार सिंह बुट्टर 9478098053 danghawta@gmail.com	Govt.	M	Gen	P	P	P	P	P	P	P	P	P	P
17	Dr. Jyoti Chhara Asst. Prof. (11) IKGPTU, MC	डा. ज्योति चहरा 9415848052	Govt	M	Gen	P	P	P	P	P	P	P	P	P	P
18	Ankur (A.P.) IKGPTU Main Campus	अंकुर 9717880558 randalankur@gmail.com	Govt	M	Gen	P									

Head
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Sr. No.	Name (in English), Designation & Official Address	Name (in Hindi) Contact No. & E-mail	Pvt/Govt./ Govt.Aided (if TEQIP please mention)	M/F	SC/ST, OBC, General	13		14		15		16		17	
						M	E	M	E	M	M	E	M	E	M
19.	Dr. Deepak Kumar Goyal A.P., M.E.D, IKGPTU, Main Campus (29)	ड. दीपक कुमार गोयल	Govt	M	Gen	P	P	P	P	P	P	P	P	P	P
20	Dr. Rajneesh Gossain Prof. Food Science IKGPTU KPT	राजनीश रामदेव	Govt	M	Gen										
21	Dr. Gaurav Sharma Associate Prof Chemistry (22) IKGPTU KPJ	गौरव शर्मा	Govt	M	Gen	P	P	P	P	P	P	P	P	P	P
22.	Simran Harsh (A.P) Guest faculty, I.K.G. PTU (28) Main Campus	सिमरन हर्ष	Govt.	F	Gen	P	P	P	P	P	P	P	P	P	P
23	Priyanka	प्रियंका	Govt.	F	Gen	P									

Head
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Main Campus

Sr. No.	Name (in English), Designation & Official Address	Name (in Hindi) Contact No. & E-mail	Pvt/Govt./ Govt.Aided (if TEQIP please mention)	M/F	SC/ST, OBC, General	13		14		15		16		17	
						M	E	M	E	M	E	M	E	M	E
24	ज्याहि गर्ग	9805470285	Govt	F	Genr	P									
25	अर्जुन	आरती 9517657667	Govt	F	SC	P									
26	Swati Thakur	स्वाति ठाकुर	G	F	G	P									
27	Dr. Chhaya Jankar Asstt. Professor Dept. of Chemical Sci- 31 KAPTU	डा. चहैया जंकर	Govt.	M	S	P	P	P	P	P	P	P	P	P	P
28	Dr. Ashish Sharma Asst Prof (G.F) Electrical Engg Dept 16 KAPTU	आशीष 8965256055	G	M	G	B	B	B	B	B	B	B	B	B	B

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Sr. No.	Name (in English), Designation & Official Address	Name (in Hindi) Contact No. & E-mail	Pvt/Govt./ Govt.Aided (If TEQIP please mention)	M/F	SC/ST, OBC, General	13		14		15		16		17	
						M	E	M	E	M	E	M	E	M	E
29.	Dr. Hitesh Sharma AP, IKGPTU Kapurthala	डॉ. हितेश शर्मा 9478098060 dr.hitesh.phys@gmail.com	Yes	M	Gen.	P	E	P	E	P	E	P	E	P	E
30.	Dr. Anun Sharma Tech. Asst., IKGPTU Kapurthala	अनुराग शर्मा 7009072080 anurpandit2212@gmail.com	Yes	M	Gen.	P	E	P	E	P	E	P	E	P	E
31.	Ar.Md. Fuzail Jawaid AP, IKGPTU Kapurthala	[मो. फ़जैल जावेद] 9548188922 ar.fuzail@gmail.com	Yes	M	Gen.	P	E	P	E	P	E	P	E	P	E
32.	Parampreet Kaur TA, IKGPTU Kapurthala	परमप्रीत कौर 9855433234 aroxapreet350@gmail.com	Yes	F	Gen.	P	E	P	E	P	E	P	E	P	E
33.	Ravinderjit Kaur TA, IKGPTU, Kapurthala	रविन्दरजीत कौर 9041141787 ravinderbijwa59@gmail.com	Yes	F	Gen.	P	E	P	E	P	E	P	E	P	E

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						M	E	M	E	M	E	M	E	M	E
34	Dr. Ashwesh Asorsa Associate Prof. IKGPTU, KPT (16)	आशीष अश्वेश 9478098087 dr.ashwesh@gmail.com	Govt.	M	G.	A	A	A	A	A	A				
35	Anjali Technical Assistant IKGPTU, KPT (24)	अंजलि 8146797472 anjalis2018@gmail.com	Govt.	F	SC	A	A	A	A	A	A				
36	(23) Chandan Kalra Technical Assistant. IKGPTU, Main Campus	चंदन कलरा 95926-31400 Chalra35@gmail.com	Govt.	M	Gen.	A	A	A	A	A	A	A	A	A	A
37	Vivek Aggarwal Asst. Prof IKGPTU, Main Campus (18) Kapatla	विवेक अग्रवाल 9814244441 agarwalz_v@yahoo.com	Govt.	M	Gen	A	A	A	A	A	A	A	A	A	A
38	Dr. Amit Gupta. Asst Prof. IKGPTU, Main Campus (6) Kapatla	अमित गुप्ता 9465884538 amitgupta@gmail.com	Govt.	M	Gen	A	A	A	A	A	A	A	A	A	A

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						M	E	M	E	M	M	E	M	E	M
	Naveen Kumar Assist. Prof. 1KG PTU, Kapurthala	नवीन कुमार 9882281525 naveen31.sharma@gmail. com	Govt	M	Gen	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen

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Main Campus



Dr. Jyoti Institute of Technology
Jyoti Institute of Technology
Jyoti Institute of Technology



NITTTR & IISCTPU
Organized by
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Recent Advancements
in
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DEPARTMENT OF PHYSICS
IIT Gurgaon, Technical
Main Campus
Kapurthala - Jalandhar




Department of Physics
IIT Gurgaon, Technical
Main Campus






NITTTR & IKGPTU
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Kapurthala-144603 (Punjab)
Chief Patron
Dr. S. Pattnaik (Director)
Dr. Hitesh Sharma (Vice-Chancellor)
Convenor
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