WHO CAN REGISTER?

- Faculty members from Universities and Engineering Colleges.
- Industry Professionals from IT Industries.
- Students with Engineering background, Researchers and Programmers.

REGISTRATION FEE

A nominal fee of Rs. 300/- should be paid towards registration fees by participants. One can register himself/herself through payment *via* Online Transfer/ Google Pay/ Paytm.

Beneficiary Name	Punjab National Bank
Branch Name	Shimla
Complete Address	THE MALL, SHIMLA, H.P., INDIA
Name of Beneficiary	Jaypee University of Information Technology, Waknaghat
Account No.	0427002100682105
NEFT Code/ IFSC Code	PUNB0042700
MICR Code	171024002

IMPORTANT NOTES

Last Date for Registration: 26th July, 2020

Registration includes:

1. To attend Expert Lectures
2. To attend Hands-on
3. E-Certificate (After submitting the assignment and feedback)

RESOURCE PERSONS

Experts from reputed research &, academic institutions, and Industries such as *NIT, TIET, Amity, CMREC, NVEST, ICFAI, IKGU* will deliver the sessions and hands-on. Two weeks sessions are planned for the systematic conduction of the programme to help participants in implementing best practices to meet the current industry demand in the field of Cloud Computing, Deep Learning, Network Security, Distributed Computing, etc.

CHIEF PATRONS

Prof. (Dr.) Vinod Kumar, Vice Chancellor, JUIT, Waknaghat

Prof. (Dr.) Samir Dev Gupta, Dean of Academics & HoD, CSE&IT , JUIT, Waknaghat

Maj. Gen Rakesh Bassi (Retd.), Registrar and Dean of Students, JUIT, Waknaghat

ORGANIZING COMMITTEE

Dr. Hemraj Saini, JUIT, Waknaghat

Dr.Himanshu Jindal, JUIT, Waknaghat

Dr. Monika Bharti, JUIT, Waknaghat

Dr. Aman Sharma, JUIT, Waknaghat

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(Established under H.P. Legislative Assembly Act No. 14 of 2002 and Approved by UGC under section 2(f))

National Level Two Weeks Faculty Development Programme on

"Ambient Technologies: State-of- Art, Challenges, and Future Directions"

27th July, 2020 – 8th August, 2020

Organized By

Department of Computer Science & Engineering and Information Technology

Eminent Expertise

Dr. Dinesh Kumar Saini
Sohar University, Oman
Topic: Security is Moving Target

Dr. Sushma Jain
Thapar Institute of Engg. & Technology, Patiala, India
Topic: Deep Architecture, Learning Algorithms & CNN

Dr. Nisha Chaurasiya
National Institute of Technology, Jalandhar, India
Topic: Cloud Computing and Virtualisation

Dr. Sandeep Kumar Panda
ICFAI University Hyderabad, India
Topic: Blockchain Technology and Applications using Ethereum, Solidity

Dr. Prashant Kumar
National Institute of Technology, Jalandhar, India
Topic: Opportunistic Networking and Device to Device Communication

Dr. Rakesh Goyal
IK Gujral Punjab Technical University, Kapurthala, India
Topic: Blended Learning with Open Broadcaster Software

Dr. Ashima Singh
Thapar Institute of Engineering & Technology, Patiala, India
Topic: Distributed Architecture, Cloud Computing Architectures, Hadoop Architecture and Map Reduce

Dr. Mohit Saini
National Institute of Technology, Jalandhar, India
Topic: Cloud Computing and its Applications

Mr. Tushar Sharma
NVEST Bangalore, India
Topic: Blockchain Technology and Applications using Ethereum, Solidity

Dr. Amritpal Singh
National Institute of Technology, Jalandhar, India
Topic: Probabilistic Data Structures

Dr. Gautam Kumar
CMR Engineering College, Hyderabad, India
Topic: ECC and Non-Commutative Cryptography with Formal Verifications

Dr. Vandana Bhatia.
Amity University, Noida, India
Topic: Big Data Analytics

Dr. Bharti Saneja
Department of Higher Education, Haryana, India
Topic: Sensor Data Analytics

Inauguration Ceremony

10:30 AM	Online Joining to FDP Link
11:00 AM	Speech by *Prof. (Dr.) Vinod Kumar Vice Chancellor*, Jaypee University of Information Technology, Waknaghat, India
11:30 AM	Speech by *Prof. (Dr.) Samir Dev Gupta, Dean of Academics*, Jaypee University of Information Technology, Waknaghat, India
12:00 PM	Summary and Thanks…..
12:15 PM	FDP Open for participants…..

Date	Timing	Speaker	Title
27th July, 2020	12:15AM - 01:45PM	Dr. Dinesh Kumar Saini, *Sohar University, Oman*	Security is Moving Target
	03:30PM- 04:30PM		Discussion of Tools used
28th July, 2020	10:30AM - 12:00PM	Dr. Sushma Jain, *Thapar Institute of Engineering & Technology, Patiala, India*	Deep architecture, learning algorithms & CNN
	02:00PM - 03:30PM		Hands-On
	03:45PM- 04:45PM		Self-Practice Session
29th July, 2020	10:30AM - 12:00PM	Dr. Amritpal Singh, *National Institute of Technology, Jalandhar, India*	Probabilistic data structures
	02:00PM - 03:30PM		Hands-On
	03:45PM- 04:45PM		Self-Practice Session
30th July, 2020	10:30AM - 12:00PM	Dr. Mohit Saini, *National Institute of Technology, Jalandhar, India* & Dr. Nisha Chaurasiya, *National Institute of Technology, Jalandhar, India*	Cloud Computing and its Applications
	02:00PM - 03:30PM		Cloud Computing and Virtualisation
	03:45PM- 04:45PM		Self-Practice Session
31st July, 2020	10:30AM - 12:00PM	Dr. Rakesh Goyal, *IK Gujral Punjab Technical University, Kapurthala, India*	Blended learning with Open Broadcaster Software
	02:00PM - 03:30PM		Hands-On
	03:45PM- 04:45PM		Self-Practice Session

Date	Timing	Speaker	Title
1st August, 2020	10:30AM - 12:00PM	Dr. Bharti Saneja, *Project Officer, Department of Higher Education, Haryana, India*	Sensor Data Analytics
	02:00PM - 03:30PM		Hands-On
	03:45PM- 04:45PM		Self-Practice Session
3rd August, 2020	10:30AM - 12:00PM	Dr. Vandana Bhatia, *Amity University, Noida, India*	Big Data Analytics
	02:00PM - 03:30PM		Hands-On
	03:45PM- 04:45PM		Self-Practice Session
4th – 5th August, 2020	10:30AM - 12:00PM	Dr. Sandeep Kumar Panda, *ICFAI University, Hyderabad, India* & Mr. Tusar Sarma, *NVEST Bangalore, India*	Blockchain Technology and Applications using Ethereum, Solidity
	02:00PM - 03:30PM		Blockchain Technology and Applications using Ethereum, Solidity
	03:45PM- 04:45PM		Self-Practice Session
6th August, 2020	10:30AM - 12:00PM	Dr. Gautam Kumar, *CMR Engineering College, Hyderabad, India*	ECC and Non-Commutative Cryptography with Formal Verifications
	02:00PM - 03:30PM		Hands-On
	03:45PM- 04:45PM		Self-Practice Session
7th August, 2020	10:30AM - 12:00PM	Dr. Ashima Singh, *Thapar Institute of Engineering & Technology, Patiala, India*	Distributed Architecture, Cloud Computing Architectures, Hadoop Architecture and Map Reduce
	02:00PM - 03:30PM		Hands-On
	03:45PM- 04:45PM		Self-Practice Session
8th August, 2020	10:30AM - 12:00PM	Dr. Prashant Kumar, *National Institute of Technology, Jalandhar, India*	Opportunistic Networking and Device to Device Communication
	02:00PM - 03:30PM	Valedictory Session	NA