



Jaypee University of Information Technology

Department of Computer Sc. & Engg/Information Technology

organizing

Workshop on Data Analytics and its Research Perspectives

(6th- 11th June 2022)

About JUIT

JUIT is spread over 25 acres of lush green picturesque slopes of Wagnaghat, in district Solan of Himachal Pradesh, creating a tranquil environment that can heighten the spirit and energy level of all learners and inspire them to optimize their learning efforts. JUIT Wagnaghat is midway between Shimla & Solan.

Objective of the Workshop

Data Analytics and its application in agriculture, natural language processing, graph mining and autonomous driving, and in many more. Due to very wide area of applications, it attracts students, researchers, educators and industrialist from different background like Electronics and Communication Engineering, Computer Science Engineering, Biotechnology and Bioinformatics Engineering and others. This workshop will help the participants working or intend to work in the area of agriculture, natural language processing, graph mining and autonomous driving. It will help the participants to explore the new dimensions for their academic and research activities. The main objectives of the workshop are:

- To provide the recent development in the areas of agriculture, natural language processing, graph mining and autonomous driving.
- To provide hands-on practice on Big Data in agriculture, natural language processing, graph mining and autonomous driving using Python and MATLAB.

Workshop will be conducted in both Offline and Online Mode. All the lectures will be delivered remotely by keynote speakers, whereas hands-on session will be conducted by experts in the Lab. All the sessions will be available through google meet for the Online Participants.

Registration Link: <https://forms.gle/JBbVK5TgL8zrcFGR7>



REGISTER HERE

Sr. No.	Registration Type	FEES
1	ONLINE	Rs.500/-
2	OFFLINE	Rs.5000/-



Patron

Prof. (Dr.) R.K. Sharma, Vice Chancellor

Advisor

Prof. (Dr.) Ashok Kumar Gupta,
Dean (Academics & Research)

Program Chair

Dr. Vivek Sehgal, Head, CSE/IT Department

Finance Chair

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

Coordinators

Dr. Rajni Mohana, Associate Professor ,
CSE/IT

Dr. Aman Sharma, Asst. Prof, CSE/IT
Dr. Mrityunjay Singh, Asst. Prof, CSE/IT

Dr. Rakesh Kanji, Asst. Prof, CSE/IT

Topics to be covered

- Introduction to Data Analytics
- Hands-on Data Analytics using R/Python
- Big Data in Agriculture
- Hands-on session for building predictive modelling using agriculture dataset.
- Natural Language Processing
- Graph Mining
- Hands-on session for data visualization and analytics using graph mining tool
- Introduction to Autonomous Driving
- Hands-on session for real life application of autonomous driving (CNN)

Contact:

Ravi Raina
Lab Engineer, Dept of CSE, JUIT
+91 91494 52578
ravi.rainar@juitsolan.in