



Department of Computer Science and Application

Atal Bihari Vajpayee University, Bilaspur, Chhattisgarh, India

Organizes

Faculty Development Program (FDP)

On

Data Science: Applications and Research Directions

(From 5th - 9th July 2021)

Under

AICTE Training And Learning (ATAL) Academy, New Delhi, India



Inauguration Function

on

July 05, 2021 at 9:30AM



Chief Guest

Prof. Anil D. Sahasrabudhe
(Chairman)

All India Council for Technical Education (AICTE),
New Delhi



Chief Patron

Prof. A.D.N. Bajpai
(Vice-Chancellor)

Atal Bihari Vajpayee University,
Bilaspur Chhattisgarh



Patron

Prof. Sudhir Sharma
(Registrar)

Atal Bihari Vajpayee University,
Bilaspur Chhattisgarh



Dr. H.S. Hota
(HoD, CSA)

Atal Bihari Vajpayee University,
Bilaspur Chhattisgarh

Coordinator

Rashmi Gupta
(Assistant Professor)

Co-Coordinator

Jeetendra Kumar
(Assistant Professor)

Shriya Sahu
(Assistant Professor)

Our Experts



Dr. Aprajita Ojha

Indian Institute of Information Technology,
Design & Manufacturing (IIITDM), Jabalpur (M.P.)

Topic: Introduction to data science and data science tools



Dr. Om Prakash Vyas

Indian Institute of Information Technology (IIIT)
Allahabad (U.P.)

Topic: Clustering, Recommender Systems



Dr. Pramod Kumar Singh

Atal Bihari Vajpayee-Indian Institute of Information Technology
and Management (ABV-IIITM), Gwalior (M.P.)

Topic: Optimization Techniques



Dr. (Mrs.) Maya Ingle

Devi Ahilya Vishwavidyalaya, Indore (M.P.)

Topic: Statistics for data science and EDA



Dr. Partha Pratim Roy

Indian Institute of Technology (IIT), Roorkee, (U.K.)

Topic: Data Visualization with Python



Dr. Atul Gupta

Indian Institute of Information Technology,
Design and Manufacturing (IIITDM), Jabalpur

Topic: Python Programming



Dr. Lalit Singh

NPCIL, Department of Atomic Energy, Govt of India, BARC, Mumbai

Topic: Case Study



Ms. Swapnil Nema

Infosys, Australia

Topic: Case Study



Himanshu Nagarkar

Faculty, The Art of Living Organization

Topic: Life management skills



Dr. Tanmoy Hazra

Indian Institute of Information Technology (IIIT), Pune

Topic: Classification Techniques



Dr. Sanjeev Sharma

Indian Institute of Information Technology (IIIT), Pune

Topic: Introduction to Machine Learning



Dr. Mitul Ahirwal

Maulana Azad National Institute of Technology (MANIT),
Bhopal (M.P.)

Topic: Model development and Model evaluation in python



Dr. Vijay Bhaskar Semwal

Maulana Azad National Institute of Technology (MANIT),
Bhopal (M.P.)

Topic: Dimensionality Reduction

About Department

The Department of Computer Science and Application was established in the year 2013, with the objective of imparting quality education in the field of Computer Science. The Department is committed to produce high quality, skilled IT professionals to fulfill the needs of the IT industry. The Department has well qualified, experienced, active and dedicated faculty members who are actively involved in teaching as well as in research and with live interaction with students directing them for a better future. The department is also running a computer centre with the latest computer and Internet facility along with Wi-Fi facility to the student. The department library has a sufficient number of books for the students of UG, PG and Ph.D. It is one of the department of Atal Bihari Vajpayee University Bilaspur Chhattisgarh. Atal Bihari Vajpayee University (Vishwavidyalaya) is State University which has been established by the Gazette notification on 03.02.2012 of Chhattisgarh Act No 07, 2012, The Chhattisgarh Vishwavidyalaya (Amendment) Act, 2011 and came in to its existence in June, 2012. The jurisdiction of Atal Bihari Vajpayee Vishwavidyalaya is extended to 03 districts namely:- revenue districts of Bilaspur, Mungeli, Korba,. There are nearly 90 Govt. and private colleges affiliated in the 03 districts of Chhattisgarh state which together constitute the jurisdiction of Atal Bihari Vajpayee Vishwavidyalaya.

About ATAL Academy

The ATAL academy was established by AICTE, New Delhi on 24 sept 2018 with the establishment of ATAL academy centers at Jaipur, Vadodara, Guwahati & Trivandrum. The objective behind establishment of ATAL academy are to set up an academy which will plan and help in imparting quality technical education in the country, to support technical institutions in fostering research, innovation and entrepreneurship through training, to stress upon empowering technical teachers & technicians using Information & Communication Technology. It also aims to utilize SWAYAM platform and other resource for the delivery of trainings and to provide a variety of opportunities for training and exchange of experiences such as workshops, orientations, learning communities, peer mentoring and other faculty development programs along with to support policy makers for incorporating training as per requirements.

Objectives of the Course

The aim of this program is

- To promote research in Data Science to solve problems. Following are the some objectives behind the organizing this faculty development program.
- To enhance the knowledge of data science and machine learning domain.
- To familiarize the various python libraries required for Data Science Projects.
- To enhance the analytical skills of participants in the area of research.
- Hands-on experience of the models & tools used for conducting research.
- To provide hands-on training to participants on various tools and platforms of intelligent automation, machine learning and data science.

Registration Process

- Those who are willing to participate are requested to register at the ATAL website link:

<https://atalacademy.aicte-india.org/signup>

- After registration, **select Workshop:**
 - a. **Select State** → Chhattisgarh
 - b. **Month** → July
 - c. **Thrust Area** → Thrust Area
 - d. **Mode** → Online
- **Select** → Data Science: Applications and Research Directions. By clicking the "+" sign you will automatically register.

(maximum number of participants - 200)

Registration is Free

Important Dates

Last Date (Online Registration)
03-07-2021

Selection Confirmation by E-Mail
04-07-2021

- Selected participants will be informed in advance through e-mail.
- The numbers of seats are limited and seats will be allotted on a first come first serve basis

Target Participants

- Faculty members
- Research Scholars
- PG students
- Industrial person.

Address for communication

Rashmi Gupta

(Assistant Professor)

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