

### ABOUT UNIVERSITY

In order to actualize Dr Ambedkar's vision of an egalitarian and enlightened society, Babasaheb Bhimrao Ambedkar University was established on 10 January 1996. Babasaheb Bhimrao Ambedkar University is a fairly well-spread, student-centric university having students enrolled in a broad range of graduate, post-graduate & doctorate programs including several professional schools.

### ABOUT DEPARTMENT

Established as Centre of Vocational Studies (CVS) in 1997 the department started functioning as Department of Computer Science in 2001 with the vision to provide quality education based on the innovative ideas and latest technology for improving the skills and for overall growth the students. Effective teaching programs are used by the department to upgrade the knowledge of students and help them to get employed in leading corporate and IT sector to serve the country to bridge the digital gap.

### ABOUT WORKSHOP

Artificial Intelligence is a subject of Computer Science aimed at building machines and computers that can enhance logical operations and is continuously extending its frontier in technology and knowledge. AI systems have the ability to execute tasks naturally associated with human intelligence, like speech recognition, decision-making, visual perception, and translating languages.

Machine Learning is one of the widely used algorithms of AI. The learning process involves the enhancement of new declarative knowledge, the advancement of cognitive and motor skills through practice or instruction.

The objective of this workshop is to develop skills and train faculty and research students so that they can accept challenges to contribute to the industry or society through various applications of AI. Since the beginning of the computer era, researchers and scientists have been trying to implant learning abilities in computers. Solving this issue has been, and remains, most fascinating and challenging long-term goal in AI. The workshop will give exposure on core concept of AI, Machine Learning, HCI, text processing, sentiment analysis and sessions with Python programming language.

### TENTATIVE TOPICS FOR WORKSHOP

- Introduction to Artificial Intelligence
- Issues, challenges and scope of Artificial Intelligence
- Application of Artificial Intelligence
- Pattern Recognition
- Machine Learning and applications
- Machine Learning Techniques
- Machine Learning Tools/Frameworks
- Human Computer Interaction
- Text Processing
- Sentiment Analysis
- Meta Heuristics
- Machine Learning with Python
- Data Manipulation and visualization with Python

### TARGET AUDIENCE:

This workshop is mostly beneficial to faculty of AICTE approved institutions/ Host Institution/ Research Scholar/PG Scholar.

### PREREQUISITES:

Basic experience in programming language is preferable for hands on session. We assume no prior knowledge in AI/ML (as it is an introductory course), however basic knowledge of statistics will be helpful.

### IMPORTANT DATES

Online Registration start date: 28<sup>th</sup> August 2019

Workshop Start Date: 16<sup>th</sup> September 2019

Workshop End Date: 20<sup>th</sup> September 2019

### REGISTRATION PROCESS

- Interested candidate can apply for registration through following link:  
[Registration form](#)
- Confirmation of the registration will be sent through email after receiving filled registration form duly approved/ forwarded from competent authority.
- No registration fees shall be charged.

### PATRON

Prof. Sanjay Singh, Honorable Vice Chancellor, BBAU

### WORKSHOP DIRECTOR

Prof. Sanjay Kr. Dwivedi, Head DCS

### WORKSHOP CORDINATORS

Dr. Deepa Raj, Asstt. Professor, DCS

Dr. Manoj Kumar, Asstt. Professor, DCS

Dr. Narander Kumar, Asstt. Professor, DCS

Dr. Shalini Chandra, Asstt. Professor, DCS

### CONTACT DETAILS

For any queries please mail us at: [dcsbbau2016@gmail.com](mailto:dcsbbau2016@gmail.com) or contact us at:

Dr. Shalini Chandra :+919140964048, Versha Verma: +919795385480,  
Dr. Ganesh Chandra: +919453483137, Dr. S B Verma: +918840170302,  
Ankit Pandey: +919839419533

### IN ASSOCIATION WITH

AICTE Training and Learning (ATAL), Jaipur



### CERTIFICATION

The certificates shall be issued by AICTE Training and Learning (ATAL) academy, Jaipur to those participants who have attended the program without any absenteeism and scored minimum 60% marks in the test conducted at the end of the workshop.

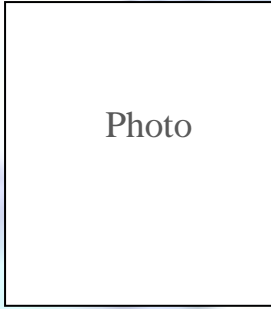
### Note:

- Confirmation of registration will be subject to availability of seats and the same will be decided by the registration committee which will be final.
- On spot registration if possible, subject to availability of seats will be decided on first day at the time of registration.
- Only tea during session/ working lunch will be provided to the participants.
- No TA/ DA shall be paid to the participants.
- Participants have to make their own arrangement for accommodation; however, assistance may be provided on request by Dr. Narander Kumar: +917500371818.

**One Week (Five Day) National Workshop on  
Artificial Intelligence – Machine Learning with Python 2019**  
16<sup>th</sup>-20<sup>th</sup> September, 2019

**Registration Form**

1. Name :.....
2. Father's Name:.....
3. Gender:        a.  Male        b.  Female
4. Email ID:.....
5. Mobile No.: .....
6. Date of Birth:.....
7. Institute Name & Address: .....
8. Participant Type:  
 a. Faculty of AICTE approved Institution / Host Institution  
 b. Research Scholar  
 c. PG Scholar
9. Correspondence Address:.....  
.....



I hereby declare that the details furnished above are true and correct to the best of my knowledge and belief and I undertake to inform you of any changes therein, immediately. I have also gone through the guidelines related to workshop mentioned in the brochure and will abide by the same.

**(Signature)**  
**Participant**

**(Signature)**  
**Head of the Department/ Institution**  
**(Seal)**

Place:.....  
Date :.....

**Note: Please complete the form and upload a scanned copy of the same on online registration form ([Registration form](#)). Please carry the printout of the same during registration on 16<sup>th</sup> Sep 2019.**