

**Makhanlal Chaturvedi National University
of Journalism and Communication, Bhopal (M.P.)
Department of Computer Science and Applications**

Organizing
**Online Faculty Development Program on
DATA SCIENCE**

Sponsored by AICTE ATAL

7th – 11th Sep 2020



Patron

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About the University

Makhanlal Chaturvedi National University of Journalism and Communication (MCNUJC) was established in 1990 by the Madhya Pradesh Government. Hon'ble Vice President of India is the Visitor of university. The Chief Minister of Madhya Pradesh is the Chairman of the General Council and the Management Committee of the University. The University is a member of the Association of Commonwealth Universities and the Association of Indian Universities (AIU). The University conducts postgraduate, undergraduate as well as skill-oriented diploma courses in Computer Applications, Electronic Media, New Media, Journalism, Advertising and Public relations, Management and Communication Research.

About the Department

The Department of Computer Science and Applications was established in year 1993 with a vision of bringing globally pioneer in Computer Science, Applications and Information Technology professionals and entrepreneurs. The Department has been successful in creating a bridge between the theoretical understanding and practical knowledge for inculcating the skills in the students through current, practical, the best quality and job oriented course curricula. Department have experienced faculty members, and computer laboratories fitted with high end equipment. The Department periodically conducts hands-on workshop on recent technology with industry.

About ATAL Academy

“To empower faculty to achieve goals of higher education such as access, equity and quality” is the vision of AICTE Training and Learning (ATAL) academy.

All India Council for Technical Education is committed for development of quality technical education in country by initiating various scheme launched by Government of India MHRD. With an understanding of the need of skilled young generation the council is putting efforts on training faculties and technicians through ATAL Faculty Development Programs.

About the Program

In recent years, Data Science and Big Data Analytics have revolutionized the way organizations work. Everyday business data keeps on increasing and the organizations can access various types of data that may be collected from various sources Data Science is an amalgamation of statistics, programming and scientific methods to extract hidden knowledge and insights from data. It is the study of where information comes from, what it represents and how it can be transformed into a valuable resource in the creation of business strategies. Many universities across the country introduced Data Science and Data Analytics as a subject in UG & PG curriculum. Faculty will get to learn the best practices in these domains so that they can teach the required skill sets. With this objective, MCNUJC, Bhopal proposed to conduct 5 days the Faculty Development Programme in data science.

Topics

- Overview of Data Science, Artificial Intelligence, Machine Learning, and Data Analytics
- Mathematical Foundation for Data Science
- Data mining and Machine Learning Algorithms
- Deep Learning and Big Data Analytics
- Programming Tools required for Big Data
- Data Visualization techniques
- Case Study

Eligibility to Participate

Academicians, Researcher Scholars, PG Scholar and Professionals working in universities, colleges, institutes and industry related to Computer Applications, Computer Science, Computer Engineering or Information Technology, Mathematics or relevant disciplines may participate.

About program fees

There is no registration fee to attend this program. As the program is online participants should have internet connection and equipment for online class.

Registration procedure:

Participants interested to attend this program need to make compulsory online registration on the below mentioned link:

<https://www.aicte-india.org/atal>

Selection of participants will be done based on first-come-first-serve basis.

Shortlisted candidates will be informed through email. Those who have attendance 80% or more and also score more than 60% in the test will be issued a digital certificate by the ATAL Academy.

www.mcu.ac.in

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