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Dean, Faculty of Science
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Chairperson, Department of Computer Science
Aligarh Muslim University, Aligarh

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Department of Computer Science
Aligarh Muslim University, Aligarh (U.P.)

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ABOUT THE UNIVERSITY

Aligarh Muslim University is a public central university in Aligarh, U.P., India. It was originally established by Sir Syed Ahmad Khan as the Muhammadan Anglo-Oriental College in 1875. Muhammadan Anglo-Oriental College became Aligarh Muslim University in 1920, following the Aligarh Muslim University Act. The university campus spans 467.6 hectares in the city of Aligarh, located about 130 kms away from New Delhi, the capital of India. At present, the university now boasts almost 30,000 students, 1,400 teachers and 6,000 non-teaching staff on its roll. It has 13 faculties comprising a wide spectrum of academic disciplines, 103 departments, 13 centers and offers about 325 courses. The University has laboratories equipped with modern and sophisticated instruments to encourage quality research. Internationally, AMU was ranked 801-1000 in QS World University Rankings of 2020. In the same, AMU ranked 251-260 in Asia in 2020 and 138 among BRICS nations in 2019. In 2020, it was ranked 801-1000 in the world by Times Higher Education World University Rankings, 201-250 in Asia and 201-250 among Emerging Economies. In 2020, AMU was ranked 31 in India by National Institutional Ranking Framework (NIRF) and 17th among universities.

ABOUT THE DEPARTMENT

Department of Computer Science, AMU is one of the oldest and pioneer departments of Computer Science in India. It came into existence in the year 1971 with the installation of IBM1130 Computing System, under the umbrella of Computer Centre and later blossomed into an independent department known as "Department of Computer Science" in the year 1988. Presently, this department offers various courses like Ph.D., M.C.A., P.G.E.D.P., P.G.D.C.P. and B.Sc. (Hons.) Computer Applications. The syllabi for these courses are designed by keeping under consideration the requirement of time as well as the demand of the IT industry. Students from both undergraduate and postgraduate courses have been able to secure a place in IT companies, like TCS, Accenture, Infosys, IBM, JK Techno soft, Info system, NIC, Wipro, Bharti Telesoft, and many more.



Department of Computer Science
Faculty of Science
Aligarh Muslim University
Aligarh (U.P.)

Organizes

ATAL Online Faculty
Development Programme
on
Data Sciences
October 26-30, 2020



Sponsored By

AICTE Training and Learning
(ATAL) Academy, New Delhi

ABOUT THE ONLINE FDP

The Department of Computer Science, Aligarh Muslim University, under the ATAL Academy FDP 2020-2021 scheme is organizing ATAL Online Faculty Development Program (FDP) on Data Sciences from October 26-30, 2020. Data science is an inter-disciplinary field that uses scientific methods, processes, algorithms and systems to extract knowledge and insights from many structured and unstructured data. The main objective of this online FDP is to provide a forum for the interaction of data sciences researchers and academicians to discuss the recent advances of data sciences. It will also present a platform to learn data sciences using different tools and Python/MATLAB/R programming language. This online FDP also aims to foster the exchange of ideas and creates an opportunity for collaboration in frontier areas of data sciences.

CONTENT

The tentative topics to be covered (but not limited to)-

- Fundamental of Data Science
- Introduction to Machine Learning
- Supervised and Unsupervised Learning
- Reinforcement Learning and Deep Learning
- Techniques for Data Processing and Data Manipulation
- Techniques for Data Visualization
- Social Networks and Bioinformatics Applications
- Cloud Computing and Internet of Things (IoT) Applications
- Hands-on Sessions

RESOURCE PERSONS

Prof. Deo Prakash Vidyarthi, JNU, New Delhi
Prof. M.M. Sufiyan Beg, AMU, Aligarh
Prof. M. Sarosh Umar, AMU, Aligarh
Prof. Naveen Kumar, DU, New Delhi
Dr. Zahid Raza, JNU, New Delhi
Dr. Haider Banka, IIT (ISM), Dhanbad
Dr. Mohammad Tanveer, IIT, Indore
Dr. Ahish Khare, UOA, Allahabad
Dr. Sonali Agarwal, IIIT, Allahabad
Dr. Rajiv Ratan Shah, IIIT, Delhi
Dr. Khalid Raza, JMI, New Delhi

WHO SHOULD ATTEND?

The faculty members of the AICTE approved institutions, research scholars, PG Scholars, participants from Government, Industry (Bureaucrats/Technicians/Participants from Industry etc.) and staff of host institutions.

REGISTRATION

***No fee will be charged from participants for the FDP.**

Please register at AICTE ATAL portal <https://www.aicte-india.org/atal>

The FDP ID is 117.

REGISTRATION PROCESS

1. Go to <https://www.aicte-india.org/atal>
2. Register as a participant → Fill your details
3. After login, click on the workshops tab on the left side of the page.
4. Select State (Uttar Pradesh) → Select Month (October) → Select Thrust Area (Thrust Areas) → Select Mode (Online Mode)
5. Select Institute → Aligarh Muslim University

SELECTION PROCESS

The seats are limited and candidates will be selected on first-cum-first-serve basis. The selected candidates will be intimated through email only using AICTE-ATAL portal.

CERTIFICATION

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

We look forward to your virtual participation and consistent presence in the online FDP.

For queries, Contact

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Stay home, Stay safe