EXECUTIVE DEVELOPMENT PROGRAM

IN
ADVANCED DATA SCIENCE

&

CERTIFICATE PROGRAM

IN
DATA SCIENCE

ABOUT CURAJ

The Central University of Rajasthan (CURaj) was established in the year 2009 by an Act of Parliament (Act No. 25 of 2009). This University was established with the aspiration to be one of India's most dynamic and vibrant universities in order to impart cutting-edge education to all the learner communities. The University is fully funded by the Government of India that provides quality education to all, especially those coming from humble socio-economic background and seeking quality education.

In this span of 14 years, the University has emerged as one of the top academic institutions by adopting cutting edge technology to impart knowledge for global outreach. The University is one of the fastest-growing and flourishing institutes of higher education in Rajasthan. Recently the University was awarded with the A++ grade (CGPA 3.54) by NAAC in the second cycle of evaluation.

Eligibility

Essential Criteria:

The candidate must hold a Graduate Degree from a recognized University with Computer Science as one of the subjects. Also, Candidate should have a background of Mathematics/Statistics

- The candidate of the Unreserved category must have secured at least 50 % marks in Graduation.
- The candidate of OBC/SC/ST/EWS/PwD category must have secured at least 45\% marks in Graduation.

Desirable Criteria:

(i) Industrial professionals for career advancement. OR, (ii) Academic professionals for R & D.

Program Fees

Certificate Program in Data Science
Duration: 6 months, Fees: 25,000/- (INR)

Executive Development Program in Advanced Data Science
Duration: 12 months, Fees: 46,000/- (INR)

Program Advisor
Prof. Anand Bhalerao,
Vice Chancellor
Central University of
Rajasthan, India

Course Structure:

- **Executive Development Program in Advanced Data Science:** Module 1-8 & Project 2.

- **Certificate Program in Data Science:** Module 1-4 & Project 1.

- Module 1: Programming Fundamentals [4 Credits (Cr.), 60 Hrs]
- Module 2: Mathematical Foundations of Machine Learning [4 Cr., 20 Hrs]
- Module 3: Exploratory Data Analysis with MS-Excel [4 Cr., 20 Hrs]
- Module 4: Foundations of Data Sciences & Machine Learning [4 Cr., 20 Hrs]
- Module 5: Artificial Neural Network & Deep Learning [4 Cr., 20 Hrs]
- Module 6: Bio-informatics [4 Cr., 20 Hrs]
- Module 7: Time Series Analysis & Forecasting [4 Cr., 20 Hrs]
- Module 8: Big Data Technologies & Architecture [4 Cr., 20 Hrs]
- Project 1: Minor Project in Certificate Program in Data Science
- Project 2: Major Project in Executive Development Program in Advanced Data Science

Resource Persons:

Prof. Sushma M. Bendre, ISI Chennai	Prof. Vasudha Bhatnagar, DU
Prof. S. Dharmaraja, IIT Delhi	Dr. Namita Mittal, MNIT, Jaipur
Prof. K.A. Venkatesh, Alliance Uni., Bangalore	Prof. Jitendra Kumar, CURaj
Dr. Vidyottama Jain, CURaj	Dr. Deepesh Bhati, CURaj
Dr. Basant Agarwal, CURaj	Dr. Nishtha Kesswani, CURaj
Dr. Pritpal Singh, CURaj	Dr. Bhavna Saini, CURaj
Dr. Subodh Kumar, CURaj	

Here is the reason why

WHY CHOOSE US ⟩

- Well-experienced and qualified faculties from three different departments: (a) Data Science & Analytics, (b) Statistics, and (c) Computer Science
- Module wise teaching
- Project based learning
- Industry relevant module
- More than 25 research and industry oriented projects on different modules
- Hands-on practical sessions from experts