

सी डैक  
CDAC

**Centre for Development of Advanced Computing**  
(Scientific Society of the Ministry of Electronics and Information Technology, Government of India)

# CERTIFICATE

*This is to certify that*

**Rajan Rustagi**

*has completed 900-hour full time Post Graduate Diploma course offered in the online mode by*

**Centre for Development of Advanced Computing, Noida**

*This course has the following compulsory modules*

- ◆ Data Collection and DBMS
- ◆ Python and R programming
- ◆ Big Data Technologies
- ◆ Advanced Analytics using Statistics
- ◆ Project
- ◆ Linux Programming and Cloud Computing
- ◆ Object Oriented Programming with Java
- ◆ Data Visualization-Analysis and Reporting
- ◆ Practical Machine learning
- ◆ General Aptitude & Communication

*This course was conducted during the period March 17, 2023 to August 31, 2023.*

*Rajan Rustagi has been examined and found proficient in the above modules and has been conferred*

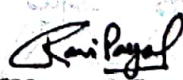
**PG Diploma in Big Data Analytics**

*with Grade A.*

Grade Scale : A+ >=85%, A >=70% to <85%, B >=60% to <70%, C >=50% to <60%, D >=40% to <50%, F <40%

  
Executive Director  
C-DAC, Noida

  
Senior Director & GC  
C-DAC, Noida

  
Programme Coordinator  
C-DAC, Noida

B357857

Date : August 31, 2023



Place : Noida



## PG Diploma in Big Data Analytics

PERFORMANCE STATEMENT  
(Duration : March 17, 2023 to August 31, 2023)

Name of the Student : Rajan Rustagi

Name of the Centre : Centre for Development of Advanced Computing, Noida

Sr. No	Name of the Module	Maximum Marks	Marks Secured
1.	Linux Programming and Cloud Computing	100	75
2.	Practical Machine Learning	100	80
3.	Advanced Analytics using Statistics	100	76
4.	Python and R Programming	100	73
5.	Data Collection and DBMS	100	72
6.	Big Data Technologies	100	72
7.	Data Visualization-Analysis and Reporting	100	77
8.	Object Oriented Programming with Java	100	68
TOTAL		800	593

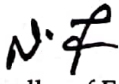
Marks Distribution: Theory 40%, Lab 40% and Internal 20%.

Result : Pass	Grand Total : 593 / 800	Percentage : 74.13 %	Grade : A
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Rajan Rustagi has been awarded Grade B for Project Work, Grade A for General Aptitude & Communication.

Grade Scale : A+ >=85%, A >=70% to <85%, B >=60% to <70%, C >=50% to <60%, D >=40% to <50%, F <40%

  
Senior Director & GC  
C-DAC, Noida

  
Controller of Examination  
C-DAC, Noida

  
Programme Coordinator  
C-DAC, Noida

M299216

Date : August 31, 2023



Place : Noida