

**CENTRE FOR BIOINFORMATICS
PONDICHERRY UNIVERSITY
PUDUCHERRY**

August 31, 2018

CIRCULAR

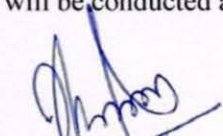
SHORT COURSE ON “Big Data Analytics and Cloud Computing”

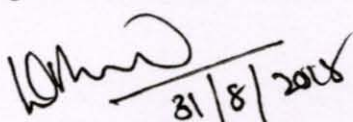
Mr. Sundara Pandiyan, Tandam Certification Centre, Thirunelveli will give a short course on the above-mentioned topic at Centre for Bioinformatics, Pondicherry University to the Faculty, Research Scholars and Students during September 14-16, 2018 (Friday-Sunday). The schedule of lectures are given below

Sl. No	Lectures
1.	Introduction to Big Data, Bigdata Usescases, Introduction to R programming, R data types, R functions, Vectors, Lists, Arrays, Matrix, Data Frames, R Graphics, Data analysis using R
2.	Introduction to Hadoop, HDFS, Data Analysis by PIG using Cloudera Quickstart, Data Analysis by HIVE using Cloudera Quickstart, Map Reduce Programming using Java using Cloudera Quick Start, Data Analysis by Spark using Cloudera Quickstart
3.	Introduction to MongoDB., MongoDB Collections, Documents, MongoDB Functions, Create, Insert, Update documents, Schema Designing using MongoDB. Batch insertions, Integrating MongoDB with Java

Duration : Lectures + Practical(15Hrs)
Dates : September 14-16, 2018
Time : September 14-16, 2018 –09.30 A.M. to 5:30 P.M;
Venue : Seminar Hall, Center for Bioinformatics

Lectures are open to all research scholars, students and faculty of PU; Computational knowledge is desirable. Interested candidates can register online at www.bicpu.edu.in. Faculty members, Research Scholars and students from other departments are requested to register online by **September 10, 2018 (Monday)**. Maximum number of vacancies is 40 and preference will be given to internal applicants from the Center for Bioinformatics. Selected participants will be intimated through e-mail. An assessment test will be conducted at the end of the shortcourse. Successful candidates will be given a certificate.


Dr. V. Arouda
Course Coordinator


Dr. A. Dinakara Rao
Centre Head

Copy to

1. PA to the Vice-Chancellor, Pondicherry University for kind information to the VC
2. PA to the Registrar, Pondicherry University for kind information to the Registrar
3. The DR (Aca), AR (P&D), Pondicherry University
4. The Systems Manager, Pondicherry University for display in the university web-site
5. The Director, Media Center with a request to video record all the lectures
6. The Dean, SLS, SOPCAS, Engineering, Mathematics
7. HODs of Departments of Bio-Technology, Biochemistry and Molecular Biology, Ecology and Environmental Sciences, Food Science and Nutrition, Microbiology, Bioinformatics, Chemistry, Physics, Earth Sciences, Center for Nanoscience and Technology, Centre for Green Energy and Technology, Pollution Control and Energy Technology, Department of Computer Science, etc.