

Day 2:

Resource Person:

Solai Murugan. V

Centre for Development of Advanced Computing(C-DAC)

Session I: 09.30 am – 11 am

Spark in practice & Real time data processing algorithm

Session II: 11.30 am – 1 pm

Applications of big data

Session III: 2 pm – 3.15 pm

Big data storage and querying using NoSQL Databases

Session IV: 3.30 pm – 5 pm

Valedictory

Note: Hands on experience on both the days.

For further details contact:

Dr. A. Amali Asha

Department of Computer Science, Loyola College (Autonomous), Chennai -34

(M) : 9442685842 Ph : 044 – 28178425

E-mail : csc@loyolacollege.edu

Chief Patron

Rev. Dr. Francis.P.Xavier, SJ, Rector

Rev. Dr. B. Jeyaraj, SJ, Secretary & Correspondent

Rev.Dr. A. Thomas, SJ, Principal

Patron

Dr. J. A. Charles, Deputy Principal

Convenor

Dr. S. Bharathidason

Head, Department of Computer Science

Co-convenor

Dr. M.D. Anandaraj

Co-ordinator, Department of Computer Science

Organizing Secretary

Dr. A. Amali Asha

Organizing Committee

Dr. J. Jerald Inico

Dr. S.J. Rexline

Dr. I. Justin Sophia

Ms. A. Maria Vinitha

Dr. M. Nester Jeyakumar

Ms. M. Regina

Dr. S. Venkatalakshmi

Dr. M. Deeba

Ms. A. Jasmine Jinita

Ms. E. Gangadevi

Mr. Antony S. Alexander

Ms. S. Vijaya Peter Raj

Dr. M. Edison

Dr. R. Stephen

Ms.S.Kanageswari



LOYOLA COLLEGE (AUTONOMOUS)

(College of Excellence)

Nungambakkam, Chennai – 600 034

Affiliated to the University of Madras and Re-accredited with

'A++' Grade by NAAC



National Level Workshop

on

“BIG DATA ANALYTICS USING OPEN SOURCE TOOLS AND TECHNIQUES”

3rd & 4th March 2023

Organized by

**Department of Computer Science
and Applications**

Loyola College (Autonomous)

Nungambakkam, Chennai – 600 034

About the College

Loyola College, a Catholic Minority Institution, was founded by the Society of Jesus (Jesuits) in 1925, with the primary objective of providing University Education in a Christian atmosphere for deserving students irrespective of caste and creed. The College aims at training young men and women of quality to be leaders in all walks of life with holistic formation, whom we hope will play a vital role in bringing about the desired changes for the betterment of the people of our country, more particularly of the Dalits and other poorer sections of society. India Today magazine has repeatedly ranked the Arts, Commerce and Science departments of Loyola College amongst the top 10 colleges in India. Loyola College is also awarded “the Best Men's College in the City on the Employability skills” by PR Syndicate.

About the Department

The Department of Computer Science was started in Loyola in the year 1993. The Department aims at imparting quality education through effective teaching and updated curriculum that is on par with the industry needs. The department prepares and motivates the students for their career and higher studies through various seminars, workshops and personality development programmes. The thoroughly committed and well trained faculty members of the department enable the students to learn, develop and achieve their goals. In addition, the students are exposed to team work by means of projects and internships and are well equipped with communication and interpersonal skills to excel in their professional career.

About the workshop

This workshop aims to bring academicians, researchers and industry practitioners to discuss the importance and future research directions of Big data analytics. This workshop covers an overview of Big data analytics tools and techniques. The workshop comprises of a series of lectures and practical exercises. The participants obtain deep insights of big data analytics using open source tools, which in turn helps them to apply it in practice or as a foundation to a deeper study in this area.

Highlights of the workshop:

- Exposure of Distributed Data Platforms in Big data.
- Understanding the key components in Big data.
- Ability to identify the specific domain areas where Big data can be applied.
- Provides research directions in Big data.
- Practical Exposure on Big data tools such as

Spark, Hadoop, NoSQL, Apache Pig

**Venue: Xavier Computer Lab
(Jubilee Building, Third Floor)**

Time: 9.30 am – 5.00 pm

Day 1:

Resource Person:

Dr.K.Vijay Kumar

Joint Director

Centre for Development of Advanced Computing(C-DAC)

09.00 am – 10.00 am Registration & Inauguration

Session I: 10.00 am – 11 am

Introduction to big data analytics

Session II: 11.30 am – 1 pm

Setting up Distributed data platforms

Session III: 2 pm – 3.15 pm

Manipulate Big Data with Apache Pig

Session IV: 3.30 pm – 5 pm

Data Warehousing using Hadoop ecosystem

Registration Details:

Online Registration Link

[https://erp.loyolacollege.edu/
loyolaonline/conference](https://erp.loyolacollege.edu/loyolaonline/conference)

Visit: www.loyolacollege.edu

Registration Fee: Rs. 1000/-



**(Registration Fee includes Lunch, refreshments,
Workshop Kits and Certificate)**

Last Date for Registration: 20/02/2023 (Only Limited seats are available)