

Theme of Workshop

Big data analytics helps organizations harness their data and use it to identify new opportunities. That, in turn, leads to smarter business moves, more efficient operations, higher profits and happier customers.

Big data technologies such as Hadoop and cloud-based analytics bring significant cost advantages when it comes to storing large amounts of data plus they can identify more efficient ways of doing business. With the speed of Hadoop and in-memory analytics, combined with the ability to analyze new sources of data, businesses are able to analyze information immediately and make decisions based on what they've learned.

This workshop aims to give hands-on training sessions for the faculty members who in turn will train their students in Big data analytics tools.

Who can attend?

Faculty Members & Industry persons.

Maximum strength :50

Objectives

Session Details

Day 1: Dr.E.Poovammal - Data Analytics using R

After lunch Hands-on sessions-1

Day 2: Dr.R.Uthra - Data Analytics with Python

Hands-on sessions-2

Day 3: Data Analytics MATLAB

Hands-on sessions -3

Data Analysis using SPSS

Hands-on sessions - 4

Day 4: Data Analysis using SPSS

Hands-on sessions - 5

Day - 5 Massive Online Analysis

Hands-on sessions - 5

Day 6 - Group Project by the participants with mentor's guidance

Day 7 - Group Project by the participants with mentor's guidance

The context for Big Data Analytics in theory and practice is main principle of the workshop. The professionals including academicians, and entrepreneurs will find this workshop informative, as it brings together leading data scientists from academia and industry to give an overview of the field, highlight the thrust areas of research, and present practical Models. Henceforth academicians and researchers of all faculties are urged to make best use this opportunity to increase their awareness in this burgeoning and promising discipline.

Materials

All the participants will be provided with study material regarding the software used for the training on CDs individually so as to enable them to practice the same at their place of work. Further free software available for academic users with restricted permissions will be provided for the registered participants.

How and who can Apply

To provide hands on experience to individual participants, it is proposed to have only limited registrations. As present workshop is aimed at practical training, a basic knowledge in statistics and computational analysis is essential. A brief resume along with a note as how the training will be useful for their research or teaching, should be sent to the Organizing Secretary. Participants have to make their own arrangements for their stay during workshop.

Training Workshop on **BIG Data Analysis (SPSS)**

(24th – 29th March 2020)

REGISTRATION FORM

Name:

Designation:

Qualification:

Address:

Mobile:

Email:

Registration Fee: DD No. _____

Andhra bank _____ branch

Whether accommodation is required: Yes/No

If yes advance sent: Rs. DD. No.

Date: Signature

PS: Please send the registration form along with brief resume by e-mail (preferably by e-mail)

Contact Email: chitta34c@gmail.com

About the University

Sri Krishnadevaraya University (SKU) had its beginning as the Post Graduate center of Sri Venkateswara University in the year 1968. Its gained autonomy in the year 1976. SKU is located 9k.m. from Anantapuramu and is well connected by rail and road with metropolitan cities like Bangalore, Chennai and Hyderabad. SKU has facilities for undertaking study and research through well-established library, buildings and laboratories. The students, besides the opportunities for academic advancement, are provided with facilities such as outdoor stadium, E-Class Room, Internet, and computer networks for their overall personality development

About the Department

Biochemistry department of Sri Krishnadevaraya University was established in 1985 and grown to occupy a unique place among biochemistry departments of its kind in the southern part of the country. The Biochemistry department has received support from UGC, DBT, DST and AICTE to create facilities to conduct modern research in applied areas.

About the DBT-BIF

The Department of Biotechnology, Ministry of Science and Technology, Government of India provided financial support for the establishment of Bioinformatics Infrastructure Facility (BIF) for the promotion of Biology Teaching through Bioinformatics (BTBI) at SKU, Anantapuramu under the Biotechnology Information Network (BTISnet) program. The main objectives of DBT-BIF include supporting the teaching and research activities in the area of Bioinformatics for students of biology and its allied areas of Sciences of SKU and the neighboring institutions. In addition BIF organizes Training programs or Workshops for familiarizing the applications of Bioinformatics in various field of Biology. BIF has High end, Medium end Servers connected to Desktop Systems with OS, Operating and application software's, Databases and Journals and 2 Mbps broadband internet connectivity with special reference to Drug design.

To,
The Head



Local Organizing Committee

Chief Patron

Sri Rajasekhara Budithi, I.A.S.,

Vice Chancellor (FAC)

S.K. University

Patrons

Prof. K. Krishna Naik

Rector, S.K. University

Prof. K. Mallikarjuna Reddy

Registrar, S.K. University

Prof. S. Sankar Naik

Principal, S.K.U. College of Science

Prof. S. Sankar Naik

Dean of Life Sciences

Executive Committee

Faculty of Biochemistry, Biotechnology,
Botany, Zoology, Microbiology, Sericulture

Organizing Secretary

Dr. Chitta Suresh Kumar

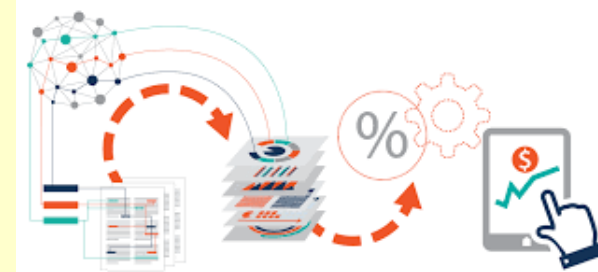
Coordinator

Dr.C.M. Anuradha

Dept. of Biotechnology

Training Workshop on **BIG Data Analysis**

(24th – 29th March 2020)



Sponsored by



DBT-BIF, New Delhi.

Bioinformatics Infrastructure Facility (BIF)

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