## CHIEF PATRON

**Kavi Kireeti Dr. V MALAKONDA REDDY**
President, CBIT

## PROGRAM MONITORING COMMITTEE (PMC)

**Prof. G. P. SARADHI VARMA** (Chairman)
Principal, CBIT

**Prof. Y. RAMA DEVI** (Member)
Head, Department of CSE

**Prof. P. SURESH** (Member)
Director, IQAC

**Prof. D L S REEDY** (Member)
Head, Department of MCA

**Prof. CHINA RAMU SAMPATHIRAO**
(Coordinator & Member secretary-PMC)
Department of CSE

**Dr. SANGEETA GUPTA,**
(Coordinator & Subject Expert)
Assoc. Professor, Department of CSE

## CO-COORDINATORS

**Dr. E PADMALATHA**
Assistant Professor, Department of CSE

**Mr. B SATEESH**
Assistant Professor, Department of CSE

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| Registration Fee | Free |
|---|---|

### IMPORTANT DATES (Phase - I)

| Last date for Registration | : 19-11-2020 |
|---|---|
| Intimation of selection | : 21-11-2020 |

### IMPORTANT DATES (Phase - II)

| Last date for Registration | : 10-12-2020 |
|---|---|
| Intimation of selection | : 12-12-2020 |

### HOW TO APPLY

The applicants should fill the Registration Form through Google Forms using below link

Selection is based on first-come-first-serve basis and will be informed through mail.

A test will be conducted at the end of the program and E-certificates will be issued (by AICTE & conducting institute) to those participants who have attended the program and have scored minimum 60% marks in the test.

### FOR FURTHER DETAILS PLEASE CONTACT

E-mail: aictesttp_cse@cbit.ac.in

Mobile: 9989404702,9059991788.

### REGISTRATION LINK

**Phase - I**

https://forms.gle/wY849vSdYQUjKGCx5

**Phase - II**

https://forms.gle/omX6bAeCHA3WkKZdA

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CHAITANYA BHARATHI
INSTITUTE OF TECHNOLOGY (A)
Kokapet(Village), Gandipet, Hyderabad, Telangana-500075. www.cbit.ac.in

COMMITTED TO RESEARCH, INNOVATION AND EDUCATION
41 years

**AICTE SPONSORED ONLINE SHORT TERM TRAINING PROGRAM (STTP)**

on

# Data Science for Bigdata Analytics in Cloud using Advanced Tools

**Phase – I:** 23rd to 28th November, 2020

**Phase – II:** 14th – 19th December, 2020

**Organized by**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

## CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A)

CBIT, established in the Year 1979, has developed in Four Decades of its journey, as one of the Premier Engineering Institute in INDIA, in Telangana State. The Institute offers Eleven UG and Eleven PG Programs into which Brilliant and Meritorious Candidates with good EAMCET Rank are seeking admissions at CBIT. CBIT Students are prepared and perfected holistically to secure Placements in reputed National and Multi-National Industries. Alumni, nearly 25,000 Graduate Engineers, are successfully placed in their Careers and as Entrepreneurs Globally. The Institute has been granted Autonomous Status from the Academic Year 2013-14 onwards.



## ABOUT THE DEPARTMENT

The Department of CSE was started in the year 1985 with an intake of 20. The intake was gradually increased to 180. From this academic year (i. e. 2020) we have started Two new programmes in emerging technologies like B.E (CSE with AI and ML) with an intake of 60 and B.E (CSE with IoT, Cyber Security with Blockchain) with an intake of 60. Thus, increasing the intake of UG students from 180 to 300. M. Tech programme was started in the year 2002 with an intake of 18 and increased to 36 in 2011. CSE department is a recognized research center under Osmania University. It has centers of excellence in the areas of AI&ML, Cyber security, and IOT. The department is having committed and well qualified staff. The intellectual ambiance in CSE Department is conducive to the overall development of the students and the discipline of Computer Science and Engineering as a whole. The vision of CSE Department is to become a Centre of Excellence in the field of Computer Science and Engineering that produces Innovative, Skillful, Socially Responsible and Ethical Professionals

## ABOUT THE FDP

This STTP will enable the participants to acquire knowledge in the data science arena through bigdata analytics and cloud environment without the need to relay on licensed software's. It also intends to enhance the practical skills of the participants in the use of modern analytical tools to explore data science aspects with respect to bigdata. The participants will be able to upgrade their teaching-learning skills with the most up-to-date tools and techniques in the bigdata domain and they will also be able to enhance the quality of research publications by integrating their ideas with latest tools in data science via freely available open source resources.

## TOPICS TO BE COVERED IN STTP

It includes introductory concepts as well as advanced topics in the field of Data Science for Bigdata Analytics in Cloud using Advanced Tools. The following topics will be covered but not limited to:

- Introduction to Data Science & Bigdata Technologies
- Social Media Analytics
- Significance of cloud for bigdata
- NoSQL Databases for Bigdata Analytics
- Bigdata Analytics using R and python
- Bigdata Ecosystem-Spark
- Spark Streaming
- Industrial Applications & Research Directions in this thrust area

## RESOURCE PERSONS

Resource Persons will be from Renowned Institutions such as IIT's/NIT's, Industries like Tata Motors, and host Institution.

## ELIGIBILITY

The Faculty members of the AICTE approved Institutions, Research Scholars, PG Scholars, participants from Government, Industry (Bureaucrats / Technicians etc.) and staff of host institutions