ABOUT THE PROGRAMME

Data science is the domain of study that deals with vast volumes of data using modern tools and techniques to find unseen patterns, derive meaningful information, and make business decisions. Data science uses complex machine learning and deep learning algorithms to build predictive models. The data used for analysis can come from many different sources and presented in various formats. The program provides a strong foundation on data science by bringing together salient techniques from statistics, mathematics, computer science, and management in a realistic business context.

TOPICS

- Introduction to Data Science in Engineering
- Overview of Statistical Techniques in Data Analysis
- Exploratory Data Analysis
- Machine Learning and Deep Learning Models
- Deep Learning Models
- Fundamentals of Big Data Analytics
- Introduction to Explainable AI, Federated Learning.

RESOURCE PERSONS

The sessions will be handled by experts from academia, research organizations and industry in the subject area.

ELIGIBILITY

The faculty members of the AICTE approved institutions, research scholars, PG Scholars, participants from Government, Industry (Bureaucrats / Technicians/Participants from Industry etc.).

ADDRESS FOR CORRESPONDENCE:

The Coordinator,
Department of Information Technology,
Chaitanya Bharathi Institute of Technology(A),
Hyderabad-500075
Contact Number: 9966199834, 9440080590

CHIEF PATRON
Sri. N. Subash, President, CBIT

PATRON
Dr. P. Ravinder Reddy, Principal, CBIT.

CONVENOR
Dr. Rajanikanth Aluvalu,
Professor & HoD, Department of IT, CBIT
Coordinator

COORDINATOR
Dr. M. Venu Gopalachari, Professor, Dept. of IT, CBIT.
Mobile: 9966199834, mvenugopalachari_it@cbit.ac.in

CO-COORDINATORS
Ms. A. Sirisha, Asst. Professor, Dept. of IT, CBIT
Mobile: 9440080590, asirisha_it@cbit.ac.in

Ms. P. Kiranmaie, Asst. Professor, Dept. of IT, CBIT.
Mobile: 9032315262, kiranmaie_it@cbit.ac.in

ADVISORY MEMBERS
Prof. Umakanta Choudhary, Director I & I, CBIT
Prof. Sarma A.D, Director-RnD, CBIT.
Prof. Krishna Veni K, Director, Academics, CBIT
Prof. Suresh Pabboju, Director AEC, CBIT
Prof. Koteswara Rao N V, Director IQAC, CBIT
Prof. Swamy Das M,
Joint Director Academics, CBIT
Prof. P. Ravinder Reddy,
Director Student Affairs, CBIT

ORGANIZING COMMITTEE
Dr. Ramakrishna Kolikipogu,
Professor, Dept of IT, CBIT
Dr. R.M.Krishna Sureddi,
Assoc Professor, Dept of IT, CBIT
Dr. B. Veera Jyothi,
Assoc Professor, Dept.of IT, CBIT
Dr. T. Satyanarayana Murthy,
Assoc Professor, Dept of IT, CBIT
Dr. Ramu Kuchipudi,
Assoc Professor, Dept of IT, CBIT
Dr. P. Ramesh Babu,
Associate Professor, Dept of IT, CBIT

™

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(Autonomous)

(Affiliated to Osmania University & Approved by AICTE, Accredited by NBA-AICTE, NAAC (A++) - UGC, ISO 9001-2015 certified Institute)
Kokapet(V), Gandipet(M), Hyderabad, Telangana-500075
Website: http://www.cbit.ac.in

**A NATIONAL LEVEL
FACULTY DEVELOPMENT PROGRAMME
(ONLINE)**

On

RECENT TRENDS IN DATA SCIENCE FOR ENGINEERING

26th – 30th June, 2023
in association with

IEEE Robotics & Automation Society
Student Branch Chapter
CBIT

Organized by

**Department of Information Technology,
Chaitanya Bharathi Institute of Technology,
Hyderabad**

ABOUT THE INSTITUTE

Chaitanya Bharathi Institute of Technology is one of the premier Engineering Colleges in the self-financing category in the state of Telangana established in the year 1979. The college offers 9 UG and 10 PG Programmes. The Institute has become Autonomous under UGC w.e.f. 2013-14. UG Programmes are accredited by NBA in the year 1998, 2004, 2008, 2013, 2017, 2022 and Five PG Programmes have been accredited by NBA in 2020. The Institute is accredited by NAAC with a CGPA of 3.59 on a seven point scale at 'A++' grade in 2023 for five years. CBIT ranked in the band of 151-200 in Engineering Category under National Institutional Ranking Framework (NIRF), Govt. of India, MHRD. The College Campus is spread across 50 acres. Total research grants received from various funding agencies is about Rs.8.5 Crores and Consultancy works carried out are worth Rs. 25 Crores.

ABOUT THE DEPARTMENT

The Department of Information Technology started with the BE (IT) Programme in the academic year 2000-01 with an intake of 60. The intake increased to 120 w.e.f 2015-16, and 180 w.e.f. 2018-2019. The UnderGraduate program has been accredited 4 times by National Board of Accreditation (NBA) in 2008, 2012, 2017 and 2022. The mission of the Department is to impart state-of-the-art value based education in the field of Information Technology. The department has 14 Ph.D. faculty. The strong academic programs, based on theoretical and practical knowledge, match well with the requirements and demands of the industry. The process of teaching learning adopted by our faculty, imparts knowledge, behavior and skills that develops learning range in students. Our students have been placed in top MNCs through campus recruitments and are excelling in their professional career.

Apart from the curriculum, opportunities are provided to students by means of internships to obtain hands-on experience in an industrial working environment. Interactive sessions are conducted with industry experts to provide professional guidance for our students. Our faculty are actively involved in research and publishing in international and national journals, presenting papers at international and national conferences.

GUIDELINES

- The faculty members of the AICTE approved institutions, research scholars, PG Scholars, participants from Government, Industry (Bureaucrats / Technicians / Participants from Industry etc.) and staff of host institutions.
- Session times will be from 9:30 AM to 3:30 PM.
- Total number of participants is limited.
- Eligible participants will be selected based on first come first serve basis and will be intimated by e- mail only.
- The coordinator's decision will be final regarding the selection of participants.
- Certificates are issued only to the participants who have attended 80% sessions and complete the assessment.
- E- Certificate will be Issued by CBIT and IEEE-RAS.

NO REGISTRATION FEE

REGISTRATION LINK

https://forms.gle/rYDCo2yUnSjbDUCt9

Registrations will be accepted on or before 24th June 2023.

One Week
NATIONAL LEVEL
FACULTY DEVELOPMENT PROGRAMME (ONLINE)
On

RECENT TRENDS IN DATA SCIENCE FOR ENGINEERING

26th – 30th June, 2023
in association with

IEEE Robotics & Automation Society
Student Branch Chapter
CBIT

Organized by

Department of Information Technology, Chaitanya Bharathi Institute of Technology, Hyderabad

REGISTRATION FORM

1. **Name:** ....…..............

2. **Designation:** ....…........

3. **Organization:** ....….............

4. **Address:** ....…..........

...................................…........

...................................…........

5. **Mobile No:** ....

6. **Email-ID:** ....…............

Signature of the Sponsoring Authority   **Participants Signature**