ABOUT CBIT (AUTONOMOUS)

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 11 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 CGPA of 3.59 on seven point scale at 'A++' grade in 2023 for five years. CBIT ranked in the rank band 150-200 in Engineering Category under National Institutional Ranking Framework (NIRF), Govt. of India, MHRD. The College Campus is spread across 50 acres.

ABOUT AI&ML DEPARTMENT

Department of Artificial Intelligence and Machine Learning established in 2020 at CBIT and offers two UG Programs. BE (CSE-AIML) started in the year 2020-21 with an intake of 60 seats and BE (AIML) in the year 2021-22 with an intake of 60 seats. BE (CSE-AIML) programme combines CSE with functional and operational aspects of AIML. AIML department has well equipped laboratories with necessary software's and committed, qualified well trained staff for teaching/learning process.

Department of AIML is consistently exploiting the trending curriculum, teaching, and learning practices, providing scope for the students to acquire knowledge and exploring better opportunities, for those aiming for admissions in prestigious institutions for their higher studies. Department have been conducting Workshops, FDP's, STTP's for up-skilling the knowledge. Department provides an opportunity to the students to abreast in emerging technologies.

ABOUT THE FDP

This program aims to equip educators with the foundational mathematical concepts crucial for effective teaching and understanding in the dynamic fields of Data Science and Machine Learning.

Who can attend?

Faculty, Research Scholars, PG Students, and Industry Professionals

Registration Fee:

- **Rs. 250** for Faculty,
- **Rs. 200** for Research Scholars & PG Students,
- **Rs. 500** For others
- Free for CBIT Faculty and Students.

For Registration & Other Details:

Contact: Mr. M. Asha Kiran, Asst. Professor

Mobile No: 9985043910

Email ID: ashakiranm_aiml@cbit.ac.in

For Online Registration:

https://forms.gle/ixKWZohDWc5ibbK27

Last Date for Registration : 02-02-2024

Timings & Schedule:

The Detailed Schedule will be send to the Registered Participants.

- **80% Attendance is mandatory for receiving FDP Participation Certificate.**

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

One Week National Level Faculty Development Programme (Online)

On

Essential Mathematics For Data Science & Machine Learning

05th – 09th Feb, 2024

In
Association with

acm Chapter
Hyderabad Deccan

Organizing by

Department of AI&ML
Chaitanya Bharathi Institute of Technology
(Autonomous)
Affiliated to Osmania University,
Accredited by NAAC A++ Grade,
Kokapet (V), Gandipet (M), Hyderabad-75,

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President, CBIT (Autonomous)

PATRON
Prof. C. V. Narasimhulu
Principal, CBIT (Autonomous)

HEAD OF THE DEPARTMENT
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Professor

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Associate Professor

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Assistant Professor

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Prof. P. V. R. Ravindra Reddy, Director Student Affairs, CBIT (A)

Prof. C. S. R. Prabhu, Director General of NIC (Retd.) & Chairperson, ACM Hyderabad Deccan Chapter

Dr. Muniraju Naidu, Vice-Chair, ACM Hyderabad Deccan Chapter)

TOPICS TO BE COVERED IN FDP

The topics include introductory concepts and advanced topics with various applications. The following topics will be covered but are not limited to:

Basics of Data Science, Machine Learning, ML life cycle, Essential Math for ML, Basics of Linear Algebra, Probability, Statistics, Probabilistic Classifier, Regression Analysis, Mathematical Intuitions, Deep Learning concepts, Math behind CNN, Math for RNN model development, Linear Algebra for Data Science, Evaluation, Convolution, Calculus, Python basics, SVM, Optimization, Softmax, Evaluation Measures, Applications, Use cases, Research.

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Dr. J. Manoranjini, Associate Professor
Mrs. K. Mary Sudha Rani, Assistant Professor
Mrs. D. Naga Jyothi, Assistant Professor
Mrs. Ramya Thavva, Assistant Professor
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Mr. G. Siddhartha, Computer Operator
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Dr. J. Somasekar
Professor, JAIN (Deemed to be University), Bangalore

Mr. Sateesh Ambesange
Co-Founder, Pragyan AI, Bangalore.

Dr. Y. Rama Devi
Professor in AIML, CBIT

Dr. Prabhakar Kandukuri
Professor in AIML, CBIT

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One Week National Level
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On
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Registration Form

1. Name: ……………………………….......….......

2. Designation: ……………………………………....

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

4. Address:…………………………………….….......

……………………………………………….…….

………………………………………………….…….

5. Mobile No. ………….........................……........

6. Email ID: …………………..…………….…….......

Signature of the   Sponsoring Authority
Participant   Signature