

CHIEF PATRON

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PATRON

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Principal, CBIT(A).

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Professor & Head, Department of CSE

COORDINATOR

Prof. R. Ravinder Reddy

Professor, Department of CSE

Dr. Sridevi Tumula

Associate Professor, Department of CSE

CO-COORDINATORS

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Mrs. A. Sangeetha, Assistant Professor

Mr. J. Shiva Sai, Assistant Professor

ADVISORY COMMITTEE

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Prof. Umakanta Choudhary, Advisor, I & I, CBIT(A)

Prof. A.D Sarma, Advisor, R&D, CBIT(A)

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

Dr. N.L.N Reddy, Advisor, CDC, CBIT(A)

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

ORGANISING COMMITTEE

Mrs. E. Swathi, Assistant Professor

Mrs. Isha Padhy, Assistant Professor

Mr. B. Deepthi, Assistant Professor.

Mr. K. Karthik, Assistant Professor

Mrs. M. Naga Jyothi, Programmer

Mr. B. Sangeev Kumar, Programmer

Mr. P. Ramesh Babu, Programmer

Resource Persons

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Dr. E. Damoder Reddy, NIT, Goa

Dr. Vinay Raj, NIT, Trichy

Dr. Ramalinga Swamy, NITW

Dr. Sangram Ray, NIT, Sikkim

Dr. Vinaya Chakati, NETAPP Inc., USA

Prof. M. Swamy Das, CBIT

Prof. R. Ravinder Reddy, CBIT

Dr. Sridevi Tumula, CBIT

Mrs. I. Srujana, CBIT

Intended Participants

Faculty, Research Scholars, PG Students, and Industry Professionals.

Registration Fee:

- Rs. 300 for Faculty
- Rs. 200 for Research Scholars & PG Students
- Rs. 500 for others

80% Attendance is mandatory for receiving FDP Participation Certificate.

QR CODE for Payment



A/C Number : 180401001442

IFSC: ICIC0004385

Registration Link:

<https://forms.gle/wQacVSsnMGJWmx8q9>

Last Date for Registration: 31-05-2024

For Registration & Other Details,

Contact: Mr. J. Shiva Sai

Mobile No: 9700750020

Email ID: jshivasai_cse@cbit.ac.in



**CHAITANYA BHARATHI
INSTITUTE OF TECHNOLOGY (A)**

**One Week National Level
Faculty Development Programme
(Online Mode)**

On

**Machine Learning Applications for
Engineers**

3rd – 7th June, 2024

**In Technical Association with
ACM Hyderabad Deccan Chapter**

Registration Form

1. Name:
2. Highest Qualification:
3. Designation:
4. Organization:
5. Address:
6. Mobile No:
7. Email ID:

Signature of the Participant Signature of the Sponsoring Authority

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 (A) 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 CSE DEPARTMENT

The Department of CSE was started in the year 1985 with an intake of 20. The intake was gradually increased to 180 with three sections. Department started M.Tech program 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. BE(CSE) Program was accredited by the NBA for the first time in the year 1998 with 'A' grade for 3 years and being successfully accredited.

The Department has committed and well qualified staff. The faculty is active in publishing their research work in various Conferences / Journals. It has been conducting various workshops and certification programs including Microsoft and IBM, professional activities in collaboration with CSI, ISTE along with student branches of IEEE and CSI.

ABOUT THE FDP

The Faculty Development Programme will help to disseminate the knowledge in the domain of Machine learning for all the Engineering discipline. Machine Learning is a fast-growing field of Artificial Intelligence concerned with the study and design of computer algorithms for learning good representations of data, at multiple levels of abstraction. It empowers the participants to understand how Machine Learning used to innovate and improve the Engineering analysis, decision making & design rapidly. Machine Learning provides a comprehensive set of tools to help them apply their new found knowledge in practice. The participants will be trained with hands-on approach in order to have an in-depth insight into the domain of ML algorithms & Python for coding expose them to feasibility & future scope and how it can be applied in real world scenarios.

FDP CONTENTS

- Introduction to Machine Learning
- Machine learning algorithms and Applications
- Federated Learning
- Data Visualization and Python packages for ML
- Natural Language Processing
- Brain Computer Interaction
- Real world applications of ML
- Research challenges in ML
- Deep Learning Approaches
- CNN, RNN and LSTM usage in real world applications



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Organized by

**Department of Computer Science
and Engineering**

Chaitanya Bharathi Institute of Technology
(Autonomous)

Affiliated to Osmania University, Accredited
by NAAC A++ Grade,

Kokapet (V), Gandipet (M), Hyderabad-75,
Telangana State, India.