

Preamble

Artificial intelligence (AI) and Internet of Things (IoT) are the terms that project futuristic, scientific imagery and both have been identified as drivers of business disruption. In fact both are more real today than any time in the past. AI makes machines to learn from experience, adjust to new inputs and perform human-like tasks. Data is all around us. The Internet of Things (IoT) and sensors have the ability to harness large volumes of data, while AI can learn patterns in the data to automate tasks for a variety of business benefits.

Objective

- To train the faculty in the important area of industrial relevance through academic and industrial experts.
- To provide hands on experience on the usage of various tools, models, methodologies and techniques.
- To provide comprehensive idea of various industrial best practices in the field and make them adapt in their academic curriculum as case studies.
- Achieve competitive teaching and learning environment and channelize development with respect to academic qualifications.
- Acquire knowledge about current technological developments in AI and IoT.
- To apply the analytics on the IoT data for extracting patterns using intelligence.
- To learn the Various IoT applications related to applying the intelligence and intelligent things.

Course Contents

- Overview of Artificial Intelligence
- Knowledge Representations
- Learning Techniques
- Knowledge in Learning
- Intelligent Agents
- Introduction to IoT
- Data Handling and Analytics
- Data Analysis Tools
- Case studies using IoT
- Applications and Trends in IoT

Contact

Please send the filled application to the **ai-iot@cbit.ac.in** , **ravindra_rkk@cbit.ac.in** and for any queries contact the coordinators.
Cell: **09959900011**

Resource Persons

Eminent Speakers from IIT Hyd, IIIT Hyd, Osmania University, JNTUH, NIT, RCI,CDAC etc

Eligibility

The course is open to all the Engineering faculties and research scholars belonging to CSE, IT and ECE departments of AICTE recognized Institutions. Admission will be offered subject to the availability based on the AICTE guidelines.

Accommodation & TA

Accommodation will be provided to the outstation participants on request basis and travelling allowances will be given as per AICTE guidelines (3AC).

Registration

Registration is free for faculties from AICTE approved Institutions. Selected participants are requested to pay an amount of Rs. 500/- by Demand Draft drawn in favor of **“The Principal, CBIT”**, payable at **Hyderabad** which is refundable to the participants on the final day of the Programme.

Organizing Committee

Chief Patron

Dr.V.Malakonda Reddy, President, CBIT

Patron

Dr. P.Ravinder Reddy, Principal, CBIT

Advisors

Dr.Y.Rama Devi, Professor, CSE

Dr.M.Swamy Das, Professor & Head, CSE

Coordinator

Dr.R.Ravinder Reddy,

Associate Professor, CSE, CBIT.

Cell:09959900011

Co-coordinator

B. Ramana Reddy

Assistant Professor, CSE, CBIT.

Cell:09441441810

REGISTRATION FORM

AICTE - ISTE Sponsored

ONE WEEK

REFRESHER PROGRAMME

On

**“ARTIFICIAL INTELLIGENCE BASED
INTERNET OF THINGS”**

26.11.2018 to 1.12.2018

Name Dr./Mr./Ms.:

Qualification:

Designation/Dept.:

Teaching Experience:

Address:

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PIN Code:

Mobile No:

E-mail:

Is the institution approved by AICTE? YES / NO

Do you want accommodation? YES / NO

DD No: Date:

Bank:

Place:

Signature of Applicant

Declaration by the Candidate

The given information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the programme. If selected, I shall attend the course for the entire duration. In case I am unable to attend the course, I am prepared to forego the refundable advance paid by me.

Place :

Date : Signature of the Applicant

Sponsorship

Mr./Ms./Dr. :
is an employee of our Institution and is hereby sponsored. He/she will be permitted to attend the programme, if selected. He/She will abide by the rules and regulations of the host Institute.

Date: Seal Signature of the
Sponsoring Authority

IMPORTANT DATES

Last date of
Application : 15.11.2018
Date of intimation : 18.11.2018

The scanned copy of duly filled application form along with DD should be sent to the following address or email.

Dr. R. Ravinder Reddy,
Coordinator, Associate Professor, Department of CSE,
CBIT, Gandipt, Hyderabad-500075.

Email:- ai-iot@cbit.ac.in

Shortlisted candidates will be intimated through email.

E-Mail: ai-iot@cbit.ac.in, ravindra_rkk@cbit.ac.in
Cell: 9959900011, 9441441810

ABOUT THE COLLEGE

Chaitanya Bharathi Institute of Technology is one of the premier Engineering Colleges in the self-financing category in Telangana. It has been accredited five times in 1998, 2004, 2008, 2013 and 2017. It is also the first ISO 9001-2008 certified Engineering Institute of Telangana. The total constructed area is 4,45,467 sq. ft. worth about few hundred of crores, spread over 30 acres. The grants received from AICTE are worth about Rs. 4.0 crores. The college offers 9 UG and 11 PG programmes. Brilliant and meritorious candidates with top EAMCET ranks are seeking admission in CBIT (especially in ECE, EEE, CSE, IT, Mechanical Engineering etc.). The pass percentage is consistent with 95% on an average out of which 80% of the students are passing either in distinction or in first class. More than 75% of the students are being placed in nationally and internationally reputed companies through campus placements. The remaining students pursue higher education or go for Govt. sector jobs.

ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering started in the year 1985 with an intake of 20 in Bachelor of Engineering programme. The intake gradually increased to 180 with three sections by the year 2013. M.Tech programme started in the year 2002 with an intake of 18 and increased to 36 from academic year 2011-12 onwards. The department was accredited by NBA-AICTE five times in the years 1998, 2004, 2008, 2013 & 2017. The Department is recognized as Research Center by Osmania University. Faculty members of the Department have considerable academic, industrial and research experience. The department has specialists in the fields of Machine learning, Image Processing, Security and IoT.

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by

AICTE - ISTE



Coordinator

Dr. R. Ravinder Reddy



Organized by

**Department of Computer Science and
Engineering**

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

(Affiliated to Osmania University)

Accredited by NBA-AICTE, NAAC-UGC

An ISO 9001:2008 Certified Institution

Chaitanya Bharathi (Post), Gandipet

Hyderabad – 500 075

Telangana State, India

www.cbit.ac.in