

## CHIEF PATRON

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

## CHIEF ADVISOR

**Prof. P. RAVINDER REDDY**  
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## ADVISORS

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Director, IQAC

**Prof. K. RADHIKA**  
Head, Dept. of IT

## COORDINATOR

**Ms. E. RAMALAKSHMI**  
Asst. Professor, Dept. of IT

## CO-COORDINATOR

**Dr. P. PRIYADARSHINEE,**  
Asst. Professor, Dept. of IT

## GUIDELINES

- ☞ Eligible participants will be selected based on first come first serve basis and will be intimated by e- mail only.
- ☞ On the last day of the program an assessment test will be conducted for all participants.
- ☞ A Digital Certificate by the ATAL Academy will be issued to the participants, who have an attendance of minimum 80 % and score more than 60% in the test.

## REGISTRATION DETAILS

- No Registration Fee
- All the participants are requested to register using the following link

<https://atalacademy.aicte-india.org/login>

## FOR FURTHER DETAILS PLEASE CONTACT

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**AICTE**  
Training and Learning (ATAL)  
Academy Online  
Faculty Development Program

on

**AUGMENTED/  
VIRTUAL REALITY**

**26<sup>th</sup> – 30<sup>th</sup> October, 2020**

**Organized by**

**DEPARTMENT OF INFORMATION  
TECHNOLOGY**

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

CBIT is one of the premier Engineering Institute in INDIA, pioneer in Telangana State, which is at idyllic surroundings of Gandipet Lake, Hyderabad. The college offers Nine UG and Eleven PG programs. It has been standing as a temple of knowledge for the past 41 years by producing about 25,000 Eminent and skillful Graduate Engineers, who are successful in their Careers, serving all over the world. The Institute has been Accredited by NBA--AICTE and NAAC--UGC. UGC has granted Autonomous Status from the Academic Year 2013-14 onwards. The Grants received from AICTE/UGC are worth about Rs. 2.5 Crores. Brilliant and Meritorious Candidates with good EAMCET Rank are seeking admissions at CBIT. CBIT Students are prepared and perfected to secure Placements in MNCs through College Career Development Center.



## **ABOUT THE DEPARTMENT**

The Department of Information Technology started with 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 department has also been offering a PG Programme, M. Tech with specialization in Computer Networks and Information Security (CNIS) w.e.f. 2013-14. The Under Graduate program has been accredited thrice by National Board of Accreditation (NBA) in 2008, 2012 and 2017. The mission of the Department is to impart state-of-the-art value-based education in the field of Information Technology. The department has six 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,

## **ABOUT THE FDP**

Augmented and Virtual Reality is a rapidly evolving field, ready to take on the world in unimaginable ways. We can experience the past things in the present as if it is happening virtually. Virtual Reality experience includes three dimensional images that appear to be life-sized from the perspective of the user. The objective of the FDP is to introduce fundamentals and applications of AR/VR and development environment in AR/VR. The FDP course will cover a complete understanding of AR/VR concepts with hands-on sessions.

## **Topics to be covered in FDP**

- ✚ What is AR/VR
- ✚ Applications of AR/VR
- ✚ Tools for AR/VR`
- ✚ Software and Hardware required for AR/VR
- ✚ Challenges in AR/VR
- ✚ Working with Unity software
- ✚ Development environment in AR/VR
- ✚ Hands-on Sessions

## **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/Participants from Industry etc.) and staff of host institutions