

ABOUT THE INSTITUTE

Chaitanya Bharathi Institute of Technology, established in the Year 1979, esteemed as the premier engineering institute in the states of Telangana and Andhra Pradesh. It is located in idyllic surroundings of Gandipet Lake, Hyderabad. The Institute, committed to education and innovation and over the 44 years, has emerged as a dream destination for students with a rewarding career and corporates to source well-rounded engineers. Best academic practices with quality education enabled the Institute to establish its Identity in the Technical Education in both the Telugu Speaking States. The great learning experiences in the institute have enriched the lives of students and helped them to develop into a multi-skilled and multi-tasking personalities that ensured success in their careers and occupations. With the students being the singular objective, the institute has established excellent infrastructure such as state-of-the-art laboratories, spacious library with printed and digital collection of books and journals, sports, hostel, and other infrastructure for extra and co-curricular engagements with a total built-up area of about 57,714 m² in the serene ambience of 50 acres to inspire, encourage and pursue academics. In its relentless strive for Academic excellence, CBIT has scaled great heights both nationally and internationally in industry and global universities.

ABOUT THE DEPARTMENT

Civil Engineering Department of the institute started functioning right from the inception of the institute, in the year 1979. It has well qualified, experienced and dedicated faculty and committed supporting staff. Apart from giving their best in academics, the students of the department are highly enthusiastic & actively participate in various co-curricular & extra-curricular activities. The laboratories of the department are well equipped with advanced and sophisticated instruments, to fully satisfy the training needs of the students and research and consultancy needs of the department as well. The department offers one UG programme (Two Sections) and one PG Programme (Structural Engineering). Conducting seminars, workshops and conferences on the latest developments in civil engineering, arranging expert lectures and industrial visits for the

benefit of staff & students, is a regular feature in the department. The department also offers Consultancy Services for various Government and Private Agencies and has completed a good number of prestigious projects. It is a matter of great pride that this Department has submitted the draft for 'Water Policy' for the newly formed Telangana State. In last academic year, CED has organised one 6-Day AICTE sponsored training program on "Crying need of Bridges" and an International Conference "ICACE2022" in collaboration with Universities abroad and India. An interdisciplinary (with Mechanical Engg Dept.) project worth Rs. 9.89 lakhs sanctioned by DRDO is under progress. In the current academic year, CED has published 21 research papers in reputed peer reviewed Journals/conferences. Also, one patent has been granted and one is published. Students of the department are equally good in extracurricular & Co-curricular activities and received some awards as well.

ABOUT THE AICTE IDEA LAB OF CBIT

The aim of AICTE IDEA Lab in CBIT is to provide all facilities for conversion of an idea into a prototype. With these facilities in the campus, more students and faculty are being encouraged to take up creative work. In this process, students and faculty are getting trained on creative thinking, problem solving, collaboration etc. The IDEA Lab of CBIT is headed by Principal & Professor Dr. P. Ravinder Reddy, who is the chief mentor. The program is being actively guided by Dr. UK Choudhury, Director I & I. Dr. BVS Rao and Dr. P. Sathish are coordinators. We also have strong team of four Technical Guru's. The IDEA lab at CBIT is equipped with 15 3-D Printers, 50 Robotic Kits. About 600 Students have already undergone training for Digital Fabrication using 3-D Printers and IoT prototype development. So that they become technically capable and confident to convert idea into prototype. Presently the IDEA Lab at CBIT is also trying to reach schools and industries in and around Hyderabad, to train and motivate the students to use IDEA Lab in CBIT.

IMPORTANT DATES

Registration Deadline	12 November 2023
Confirmation mail	13 November 2023
Internship	14 Nov to 5 Dec 2023



Three-week Practice oriented Internship
On
**Software Applications for Sustainable
Civil Engineering (SASCE)**
(Hybrid mode)
14th November to 5th December 2023



Organized by
DEPARTMENT OF CIVIL ENGINEERING
In Association with
AICTE Idea Lab
and
Indian Concrete Institute, Hyderabad Centre

Chaitanya Bharathi Institute of Technology
(Autonomous)

Affiliated to Osmania University
Accredited by NAAC-UGC and NBA-AICTE
ISO 9001:2015 Certified Institution
Gandipet, Hyderabad-75 (TS), India

ABOUT THE INTERNSHIP

This internship is an excellent platform for students and researchers to gain knowledge on applications of different computational tools in Civil Engineering. Theoretical knowledge is not solely sufficient to work in real-field problems. Therefore, this internship mainly focuses on hands-on training on Basic statistics and soft computing techniques and its applicability in Civil Engineering, Research scope for optimization applications in Environmental Engineering, Application of Artificial intelligence Technique in Water Resource Engineering, Constitutive modelling in Geotechnical Engineering, Applications of soft computing techniques in geotechnical engineering, Activity based Travel demand modelling which require an intense knowledge of relevant software and their working. Assessment will be done on a given project related to real-field application thereby enhancing the ability of the participants in carrying out its application in the future research. The proposed internship will be handled by experts from resource persons from universities of national repute and Industries.

WHO CAN ATTEND

Students (UG & PG)

VENUE

Department of Civil Engineering, CBIT (A), Gandipet, Hyderabad, 500075

REGISTRATION LINK

<https://forms.gle/hGjoRXTewzcmC9Bx5>

REGISTRATION FEE

Rs. 1000/- per participant (includes Kit, hands-on, and Certificate)

Limited seat up to 50 nos. Register first to book your seat.

For more Information,

CONTACT

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Phone: 9991016357

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Email: kamalinidevi_civil@cbit.ac.in,

Phone: 9337683749

ORGANISING COMMITTEE

Patron

Prof. C. V. Narasimhulu

Principal, CBIT (A)

Chairman

Dr. K. Jagannadha Rao

Professor & Head

Department of Civil Engineering, CBIT (A)

Convenors

Dr. Angshuman Das

Assistant Professor

Department of Civil Engineering, CBIT (A)

Dr. Kamalini Devi

Assistant Professor

Department of Civil Engineering, CBIT (A)

Coordinators

Dr. Dudam Bharath Kumar, Asst. Prof., CED

Sri. Ramanarayana Sankriti, Asst. Prof., CED

Dr. Kakara Srikanth, Asst. Prof., CED

Dr. Vishal Singh, Asst. Prof., CED

Dr. B. V. S. Rao, Coordinator, AICTE IDEA Lab CBIT

RESOURCE PERSONS

1. Dr. Bhabani Shankar Das

Assistant Professor, NIT Patna

2. Mr. Mane S R Rohith

Manager (Engg), Shivam section

Sub division -3, O&M Division -5, HMWS&SB

3. Dr. Anasua Guharay

Associate Professor, BITS Pilani, Hyd Campus

4. Dr. Priyadarshini

Assistant Professor, VIT Vellore

Other Resource Persons from IITs and NITs

REGISTRATION FORM

For

Three-week Practice oriented Internship

On

**Software Applications for Sustainable
Civil Engineering (SASCE)**

(Hybrid mode)

(14th November to 5th December 2023)

Name: _____

Designation: _____

Semester and Year: _____

Institute: _____

Mailing Address: _____

Contact Number with STD Code

(Office): _____

(Mobile): _____

Email ID: _____

Transaction Id.: _____

Bank: _____, Date: _____

Signature: _____

QR code for registration fee:



Merchant Name : CBITSTUDENTACTIVITIES
Mobile Number : 8466997204

Steps to Pay UPI QR Code
Open UPI app > Select 'Tap to Pay' > Scan QR Code > Enter Amount

Note: The participants are requested to mention the subject name as "Registration Fee for Internship SASCE-2023" during payment.