

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 43 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.

This 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	28 May 2023
Confirmation mail	28 May 2023
Internship	29 May to 15 June 2023



Two-week Practice oriented Internship

On

Software Applications for Sustainable Water Resources Management

(HYBRID MODE)

29th May to 15th June 2023



Organized by

DEPARTMENT OF CIVIL ENGINEERING

In Association with

AICTE Idea Lab

**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 Water Resources Engineering. Theoretical knowledge is not solely sufficient to work in real-field problems. Therefore, this internship mainly focuses on hands-on training on computational flow modelling, Application of artificial intelligence in discharge assessment, remote sensing application, satellite image processing, realistic problems in water supply / distribution system and its solution, Hydrograph studies in flood routing, Rainfall-runoff simulation, Scouring depth prediction, 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)
Research Scholars

VENUE

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

REGISTRATION LINK/ QR Code

<https://forms.gle/CwzWWhoZ36wq3vWUHA>



REGISTRATION FEE

Rs. 1200/- per participant (includes Kit, hands-on, and Certificate)

Limited seat up to 60 nos. Register first to book your seat.

For more Information, visit

<https://sites.google.com/cbit.ac.in/saswrm-2023/home>

CONTACT

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Phone: 9704802049

ORGANISING COMMITTEE

Patron

Prof. P. Ravinder Reddy
Principal, CBIT (A)

Chairman

Dr. K. Jagannadha Rao
Professor & Head
Department of Civil Engineering, CBIT (A)

Convenors

Dr. Jnana Ranjan Khuntia
Assistant Professor
Department of Civil Engineering, CBIT (A)
Dr. Kamalini Devi
Assistant Professor
Department of Civil Engineering, CBIT (A)

Coordinators

Sri E. Maheshwar Reddy, Assistant Professor
Sri Ramanarayan Sankriti, Assistant Professor
Dr. Angshuman Das, Assistant Professor
Dr. B. V. S. Rao, Coordinator, AICTE IDEA Lab CBIT

RESOURCE PERSONS

1. Prof. Kishanjit Kumar Khatua
Professor and Dean (AR), NIT Rourkela
2. Dr. Bhabani Shankar Das
Assistant Professor, NIT Patna
3. Mr. Mane S R Rohith
Manager (engg), Shivam section
Sub division -3, O&M Division -5, HMWS&SB
4. Dr. Kamalini Devi
Assistant Professor, CBIT (A), Hyd
5. Sri Ramanarayan Sankriti
Assistant Professor, CBIT (A), Hyd
6. Mr. Ketan Kumar Nandi
Ph.D. Scholar, IIT Guwahati
7. Mr. Sarjati Sahoo
Ph.D. Scholar, NIT Rourkela
8. Sri Bijay Ketan Mohanta
Scientist C, Central Ground Water Board,
Southern Region, Hyderabad

REGISTRATION FORM

For

Two-week Practice oriented Internship

On

Software Applications for Sustainable
Water Resources Management

(HYBRID MODE)

(29th May-15th June, 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 SAWRE-2023" during payment.