





భారతీయ సాంకేతిక విజ్ఞాన సంస్థ హైదరాబాద్
भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad



Centre for Continuing Education (CCE) & Convention Centre

 office.cce@iith.ac.in

 CCE Office, Block-E, Ground Floor, Convention Center Building

About us

IITH Centre for Continuing Education (CCE) is committed to providing high-quality, industry-relevant programs designed to meet the evolving needs of professionals across various sectors. As an integral part of the prestigious Indian Institute of Technology Hyderabad, CCE brings cutting-edge knowledge and expertise to empower individuals and organizations through continuous learning.

Message from the Director

India needs skilled manpower to fuel its growth. Industry growth often suffers from the availability of quality manpower. Therefore, reskilling and upskilling working professionals in new-age technologies is critical for the success of India's growth story. In addition, many faculty and students in various colleges in India are looking to upgrade their knowledge in various subject areas.



Prof. B S Murthy
Director IIT Hyderabad

The Centre for Continuing Education (CCE) aims to conduct training programs to students, academicians, and working professionals across the country. The young and energetic faculty of IIT Hyderabad are dedicated to providing learning opportunities for the professional growth of interested participants. With a rapid rise in E-learning programs, CCE @ IIT Hyderabad is keeping abreast with the online programs that can facilitate the learning of working professionals by meeting their work schedules.

Learning for anyone should be a joy without many barriers. To fulfill this objective, IIT Hyderabad extends its excellent technical education beyond the four walls of its classroom in select courses by offering courses under open-to-all teaching (OAT) mode. These courses are offered online (Live Streaming), wherein working professionals, faculty members, and students from various organizations can attend the courses remotely, as long as the timetable set by the instructor suits individuals.

At CCE, we are committed to fostering a culture of lifelong learning and professional advancement. Our meticulously curated programs are designed to empower individuals with the acumen and expertise needed to excel in today's fast-paced and competitive world. Whether you are a seasoned professional looking to elevate your career trajectory or an aspiring learner eager to explore new realms of knowledge, CCE is here to inspire and guide you on your journey of transformative education.

At IIT Hyderabad, we embrace the transformative power of education to catalyze innovation and drive societal progress. Through CCE, we extend our scholarly pursuits beyond conventional boundaries, equipping our participants with cutting-edge insights and practical skills instrumental in shaping the future. CCE also organizes events like workshops, conferences, symposiums, and Innovation fests under its aegis.

I wish the center the very best in all its future endeavors.

Message from Chairman

At the Centre for Continuing Education, IIT Hyderabad, we recognize the rapidly evolving landscape of technology and its profound impact on industries worldwide. Our commitment to continuing education has evolved in stride with these changes. Drawing upon the rich tapestry of knowledge cultivated at IIT Hyderabad, our courses integrate insights from core technical, managerial, and design disciplines, offering a truly interdisciplinary learning experience. With a focus on pedagogical rigor and excellence, we empower individuals to stay ahead in their careers by equipping them with the knowledge and skills needed to thrive in today's competitive environment.



Prof. Amirtham Rajagopal
Chairperson, CCE
Professor, Civil Engineering



Prof. Amirtham Rajagopal
Chairperson, CCE
Professor, Civil Engineering



Dr. Sukumar D
TLC, Chair
Professor, Mathematics



Dr. Anil Agarwal
GIAN, Coordinator Associate
Professor, Civil Engineering



Mrs. P Priyanka
Section Officer



Mr. D Srihari
Assistant



Mrs. P Naga Suma
Project Assistant



Mr. Purna Chander Gundrathi
Multimedia Content Creator



Mr. E Prashanth Kumar
Attender

Our Team



Why Choose IITH CCE?

- **Expert Faculty:** Learn from faculty members who are leaders in their fields and bring real-world experience to the classroom.
- **Industry-Relevant Curriculum:** Stay ahead with courses designed in consultation with industry experts, ensuring you acquire skills that are in demand.
- **Flexibility:** Choose from weekend, evening, and online classes to fit your schedule and learning preferences.
- **State-of-the-Art Campus:** Experience learning in a modern and conducive environment with the latest technology and lab facilities.

Overview of CCE IITH

The CCE IITH, we embrace the transformative power of education to catalyze innovation and drive societal progress. Through CCE, we extend our scholarly pursuits beyond conventional boundaries, equipping our participants with cutting-edge insights and practical skills instrumental in shaping the future.

Scope and Functions

- To conduct all academic outreach activities like Conferences, Workshops, Certificate Courses, Symposia, Short-term courses, Training programs, and other similar activities of the Institute.
- To organize Faculty Development programs for faculty of various technical institutes of the country.
- To conduct certificate courses in collaboration with industry and academia designed to provide specialized expertise/skill development in diverse fields.

Programmes under CCE



Open to All Teaching (OAT) @ IITH

India needs skilled manpower to fuel its growth. Industry growth often suffers from the availability of quality manpower. Therefore, reskilling and upskilling of working professionals in new age technologies is critical for the success of the India's growth story. In addition, many faculty and students in various colleges in India are looking for upgrading their knowledge in various subject areas. In this context, IIT Hyderabad would like to extend its excellent technical education beyond the four walls of its classroom in select courses. These courses will be offered in online mode (Live Streaming) wherein working professionals, faculty members and students from various colleges, can attend the courses remotely through online mode.

List of (OAT) Courses @ IITH

JULY-DECEMBER 2023

- Advanced Structural Mechanics
by Dr. Anil Agarwal
- Advanced Cell Biology
by Dr. Ashish Misra
- Advanced Concepts in Process Metallurgy
by Dr. Ashok K
- Mathematical Methods in Civil Engineering by
Dr. Biswarup Bhattacharyya

- Role of Microstructure in the Design of Materials
by Prof. B. S. Murty
- Functional Properties of Materials
by Dr. Chandrasekhar M
- Nonporous Materials
by Dr. Deepu J. Babu
- Biofabrication
by Prof. Falguni Pati
- Advanced Fluorescence Microscopy and Image
Processing by Dr. Gunjan Mehta
- Introduction to VLSI Design
by Dr. Naresh Kumar Emani
- Thermodynamics of Materials
by Dr. Saswata Bhattacharya
- Parallel & Concurrent Programming
by Prof. Sathya Peri

JANUARY-MAY 2024

- Animal Models in Medical Research
by Dr. Anamika Bhargava
- Stem Cell Biology and Regenerative Medicine
by Dr. Ashish Misra

- Clean Steel Making: Theory, Practice and Modeling
by Dr. Ashok K
- Computational Thermodynamics and Kinetics of Materials
by Dr. Subhradeep Chatterjee
- Fundamentals of GIS and Remote Sensing
by Dr. K.B.V.N. Phanindra
- High Entropy Materials
by Prof. B. S. Murty
- Psychopathology and mental health
by Dr. Amrita Deb
- Thin film Technology
by Dr. Chandrasekhar M
- Micro- and Nano-fabrication
by Dr. Shourya Dutta Gupta
- Distributed Computing
by Prof. Sathya Peri
- Concepts and Hands-On Observational Astrophysics
by Dr. Mayukh Pahari
- Electrochemical Energy Conversion
by Dr. Narendra Kurra
- Electrochemical Processes in Semiconductors
by Prof. Suhash Ranjan Dey
- Foundations of Techno-Entrepreneurship
by Dr. Jayshree Patnaik
- Fundamentals of Organizational Structure
by Dr. MP Ganesh
- Kinetics of Metallurgical Processes
by Dr. Ashok Kamaraj
- Parallel & Concurrent Programming
by Prof. Sathya Peri
- Powder Metallurgy Manufacturing
by Prof. Bharat B Panigrahi

JULY-DECEMBER 2024

- Additive Manufacturing Technology
by Dr. Muvvala Gopinath
- Advanced Fluorescence Microscopy and Image Processing
by Dr. Gunjan Mehta
- Biofabrication
by Dr. Falguni Pati
- Psychopathology and mental health
by Dr. Amrita Deb
- Role of Microstructures in Materials Selection
by Prof. B.S. Murty
- Sustainable Chemical Metallurgy
by Dr. Ashok Kamaraj
- Vehicle Dynamics and Modeling
by Prof. Ashok Kumar Pandey



NPTEL (National Programmed on Technology Enhanced Learning)

IIT Hyderabad's Centre for Continuing Education (CCE) collaborates with NPTEL to offer a range of online courses. These cover various disciplines including engineering, sciences, humanities, and management. NPTEL courses are designed by faculty from IITH, providing high-quality educational content. Learners can earn certifications upon completing course requirements, enhancing their skills and knowledge in their chosen fields.

NPTEL Studio Facilities

The NPTEL (National Programme on Technology Enhanced Learning) studio is equipped with state-of-the-art technology to facilitate high-quality educational content creation. Key features of the studio include:

- High-definition recording setup: The studio is equipped with HD cameras to capture lectures, interviews, and tutorials.
- Soundproof environment: Ensuring clear audio recording without external disturbances.
- Green screen technology: Enabling the addition of digital backgrounds for a dynamic learning experience.
- Editing and post-production tools: On-site software and hardware tools for real-time editing, graphics inclusion, and seamless content production.
- Multimedia integration: Facilities for incorporating slides, animations, and other digital content to enhance the teaching experience.

These facilities are designed to meet the needs of academic professionals and to ensure that the educational material produced is of the highest quality.

FY 2022-23

- Inter-facial Fluid Mechanics
- Pavement Geo-techniques
- Operator Theory
- Design of connections in steel structures
- Organ Printing
- Advanced Reinforced Concrete Design
- Thermodynamics and Kinetics of Materials
- Fundamentals of Nano and Quantum Photonics
- Introduction to Quantum Field Theory (Part 2)
- Approximate Reasoning using Fuzzy Set Theory

FY 2024-25

- Introduction to Statistics
- Diffusion in Solids
- Modeling and Control of Grid Connected Power Converters
- Revised Title: Indoor Air Pollution: sources, effects, monitoring, control and modeling
- Polymeric Biomaterials: Structure, Properties, Function and Performance
- Wavelets and Applications

FY 2023-24

- Advanced Mineral Processing Technology
- United Nations Sustainable Development Goals (UN SDGs)
- Theory of Computation
- Thermodynamics and Kinetics of Materials
- Advanced Reinforced Concrete Design
- Sustainable Energy Technology

FY 2025-26

- Stability aspects of structural steel design: Concepts and applications
- Wavelets and Applications
- Matrix Theory

NPTEL INAUGURATION



CCE Journey

Conferences, Workshops and Symposiums

FY 2020-21

Conferences

- Golden Jubilee Conference and Lecture Series Grant-Indo Canadian Conference

Workshops/Symposiums

- Teaching effectiveness including advanced pedagogy techniques
- Teaching Effectiveness and Instruction Strategies
- Student Summer Internship

Certificate/Seminar's Programs

- Professional Program on Artificial Intelligence -cohort-2
- MDP Deeptech Entrepreneurship

TEQIP

- Analog IC design using free Software Tools
- Advanced Pedagogies: Active Learning & Digital Tools
- Aid of Demo Experiments in Teaching Solid Mechanics
- Magnetic Materials for MEMS-based Devices
- Matrix Analysis using Python
- Visual Tools and Techniques for Effective Communication
- Probability using Python
- Active Learning and Digital Pedagogy for Chemical Science and Engineering Education
- Advanced Algorithms
- 3D Printing & Design
- Teaching Effectiveness
- Advanced Pedagogies: Active Learning & Digital Tools
- Internet-of- Things_ Industry, Academia and Start-ups
- Cleaner Technologies for Sustainable Environment

FY 2021-22

Workshops/Symposiums

- 1st Indo-Norway Workshop on unmanned Aerial Vehicles (IN-WAVE)
- Cloud Based Analog IC Design Hackathon
- Essential Soft skills for R&D (Research)
- Symposium on Algebra and Number theory on National Mathematics Day
- Business Model Innovation (BMI) program
- Training on Concepts in Computational Acoustics-Carrier India Pvt Ltd

Certificate/Seminar's Programs

- PG level Advanced certificate program in Digital Design Cohort-1
- Certificate course on Deepest Entrepreneurship
- Professional Program on Artificial Intelligence - Cohort 3
- Seminar in Understanding Structural Steel Design

ATAL FDP Workshops

- Nonlinear Problems in Mechanical and Physical Systems
- Nanomaterials & Nano-mechanics and their application in devices and sensors

- Energy Conversion and Storage Devices (ECSD21)

NPTEL

- Strategies for Sustainable Design
- Computational Complexity
- Deep Learning for Computer Vision
- Basic Electrical Circuits
- Introduction to Semiconductor Devices
- Organizational Behaviour
- Introduction to Quantum Field Theory (Theory of Scalar Fields)
- Introduction to Classical Mechanics
- Strategies for Sustainable Design

TLC

- The Charm of Learning Concepts-1
- The Charm of Learning Concepts-2
- Artificial Intelligence - Avenues and Opportunities workshop
- Thoughts on Teaching

TEQIP

- Future Skill Technologies in 3D Printing & Design

FY 2022-23

Conferences

- 4th Structural integrity conference and exhibition SICE-2022
- Asian Conference on Machine Learning-2022

Workshops/Symposiums

- Essential soft skills for R&D
- Goe KNIT 2022
- Thoughts on Teaching (Tot)
- NON-LOCAL MECHANICS APPROACHES FOR MODELING LOCALIZE DEFORMATIONS (NMAMLD)
- Women Leadership Workshop
- DST Million Minds Augmenting National Aspirations and Knowledge's TS/AP
- Women Leadership Workshop-2
- Work Shop on Artificial Intelligence & Information Security in IOT and Smart Vehicles
- Skill Development workshop for CNC Machinery
- Five-day National Workshop on Integrated Hydrological Modelling
- An international Symposium on Current Trends in Water and Wastewater Infrastructure Modelling and Treatment
- Demonstrative Lectures for Campus school kids (8th -10th class)
- Heat and the Built Environment
- IITH visit by Dr B R Ambedkar's School children
- Computational Modelling of damage and Seismic Vulnerability Assessment during Earthquake in Building System (SEISMMIC-2022)
- Understanding Data for industry professionals

Continued....

Continued....

- Remote sensing and GIS for Agriculture and Water Resources Management
- Data and Machine Learning at LHC
- Quantum Information in QFT and Adds/CFT-III
- Understanding Structural Steel Design- A Stability Perspective (Series-1)
- Advanced Functional analysis and its applications-2022
- MAMM-2022, Micro actuators, Micro sensors and Micro mechanisms (MAMM 2022)
- Understanding Structural Steel Design- A Stability Perspectives (Series-1)
- Fundamentals of Cold-Formed Steel Design (Series 1)
- Drone technologies for urban mobility
- Fundamentals and applied skills for Futuristic Vehicles
- Complexity and Nonlinear Dynamics in STEM

Certificate/Seminar's Programs

- PG level Advanced certificate program in Digital Design Cohort-2
- Professional Program on Artificial Intelligence - Cohort 4
- GIAN course 191008G01- Prof Bharat B Panigrahi
- GIAN course 191008F01- Prof Aalok Khandekar
- Seminar on Tall Building
- Certificate course on Advanced DNN innovation (ADI)
- Hands-on lab training (HLT) in Biotechnology/ Bioinformatics
- Certificate Program on Future Wireless Communication

FY 2023-24

Conferences

- Fifth Indian National Ground Water Conference (INGWC-2023)
- International Bioprocessing India conference 2023
- International Conference of Algebraic Geometry, Coding
- CIMPA School on Finite Geometry and Coding Theory
- Main-group Molecules to Materials- III
- Condition assessment, rehabilitation and retrofitting of structures (CARRS)
- Hyderabad Science Conference HYSCI 2024

Workshops/Symposiums

- Hands on Workshop on Statistical Tools and Modelling in Biophysics
- Work on Semiconductor Materials and Devices
- Hyderabad Soft Matter Day 2023
- Yoga tech Conclave 2023
- Complexity and Nonlinear Dynamics in STEM
- HOWTOCFD (Hands on Training on Computational Fluid Dynamics)
- Fundamental and Applied Skills for Futuristic Vehicles
- ACM Summer School on Algorithmic Techniques in Computational Biology
- Mind-Body-Space: Tangible Computing in Extended Reality

- Quantum Matter Heterostructures-2023
- Embarking ESG through Responsible Leadership
- Critical interrogations of the digital urban in India A pedagogic approach

AI & ECONOMICS

- Beginning Astronomy V3: Start a data-driven Journey
- MAE Department Day
- Climate Change Department Day
- AI Everywhere Workshop
- Hybrid Workshop
- BVR SCIENT product management in the digital era workshop
- DRDO -IITH Workshop
- MELCOM Workshop
- LIB Workshop

FY 2024-25

Conferences

- International Conference on "Circadian Rhythms in Health and Diseases"
- Asian Economics Letters International Conference
- Joint Telematics Group/IEEE Information Theory Society Summer School on Signal Processing
- PPC 2024 17th International Conference on Interconnections between Particle Physics and Cosmology.
- ICDCN 2025 International Conference on Distributed Computing and Networking

Workshops/Symposiums

- Workshop for the Department of Short Graphic Stories
- Computations of High-Speed, Turbulent and Complex Flows (CHTC)
- JTG/ITSoc Summer School
- Workshop on High Energy Physics Phenomenology (WHEPP)
- Geo Practices 2024 and Tirzah Oration
- A Four Week Masterclass in Impact Evaluation
- ACM Grad Cohort 2024
- Advancing traffic Safety Using ADAS and DMS Systems
- Stepping into Modern AI
- single-molecule imaging technologies for life science Research July 7-11 workshop
- Multiscale modelling and AI/ML for Advanced materials workshop (MSME) July 23 -25
- A crash course on quantum technology 28th June to 9th Aug. professional

Certificate/Seminar's Programs

- Skill Development Program in Mechanical Engg
- A crash course on Quantum Technology
- Entrepreneurship Essentials
- Introduction to Acoustics
- Introduction to Noise Control
- Conduct a short course on Light gauge cold-formed steel design fundamental & advancement national

Convention Centre Facilities

Welcome to the Convention Centre at the Indian Institute of Technology Hyderabad where we provide unparalleled facilities for a wide range of events, tailored to meet your every need.



Auditoriums

Where cutting-edge technology meets comfort and luxury. Our facilities include a striking display, advanced AV equipment, and auditorium chairs with individual power sockets. For special guests, we offer eight two-seater sofas in the front row. Step lighting adds to the ambiance, ensuring a memorable experience for all attendees.

Seminar Halls

Seminar halls are equipped with a sophisticated classroom setup featuring a 98/75 professional display unit and advanced AV technology, guaranteeing impactful presentations and interactive sessions. Complete with a podium and microphones, speakers can command attention and engage the audience effectively, fostering an environment conducive to learning collaboration.



Conference Rooms

Conference rooms features a sleek table surrounded by chairs for collaboration. A 98/86 professional display facilitates dynamic presentations. Integrated AV, microphones, and audio conferencing enhance communication.

VIP Lounge and Lobby Area for Installation of Stalls

Comprehensive Support Services

Technical Expertise: Dedicated support for seamless AV setup and troubleshooting during events.



GALLERY OF EVENTS



GALLERY OF EVENTS



Inauguration Day – 25th April 2024



16th Foundation Day – 21st March 2024



Sahara National Conference



HAPPENINGS

2021 - 2023



2023 - 2024



HAPPENINGS

2024 - 2025



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