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

M.TECH PROGRAM (SELF SPONSORED)

DEPARTMENT OF CLIMATE CHANGE

CONTACT US:

Department of Climate Change
Indian Institute of Technology
Hyderabad Kandi—502 284,
Sangareddy, TS, India
Website: https://cc.iith.ac.in
Email: mtech.admissions@cc.iith.ac.in

About Program

M.Tech in Climate Change (CC) is being offered from academic year 2019-20 in the Department of Climate Change.

About Department

The Department of Climate Change at IIT Hyderabad integrates academic and practical knowledge by bringing together a diverse array of stakeholders, including scientists, engineers, policy researchers, practitioners, and students in order to develop a holistic understanding of Climate Change.

Our innovative interdisciplinary curriculum involves a mix of core and elective courses, an industry lecture and seminar series by leading experts, focus group discussions, field visits, and a research thesis to provide cutting-edge education in the area of Climate Change.

Research Thrust

Climate Change Modeling
Climate Change Impact Measurement
Climate Change Mitigation
Climate Change Policies

Course Curriculum

Type	Credits
Core Courses(Semester 1 & 2)	12
Electives (Semester 1 & 20	12
Thesis (Semester 3 & 4)	24
Industry Lecture	Pass/fail
English Communication	1

Faculty Research Areas

- Sustainable Development
- Renewable Energy Technology
- AI & ML Applications in Climate Change
- High-Performance Computing
- Climate Adaptation
- Climate Impact
- Climate Extremes
- Urban Studies
- Climate & WRF Models
- Satellite And Radar Rainfall Estimation
- Emissions Modelling
- Scaling Up & Efficiency of Simulations
- Parallelization
- 3D & 4D Variation Assimilation
- Biofuels
- CO_2 Activation
- Design For Sustainability
- Life Cycle Analysis
- Resource Recovery from Waste
- Waste Management

Admission Procedure

Eligibility

Candidates eligible to appear for GATE in the Subjects:
BT/CE/CH/CY/CS/EC/EE/ES/EY/GE/GG/ME/MT/PH/ST/XE can apply.

How to Apply

Interested Candidates should fill in the application form at https://iith.ac.in/mtechadmissions on or before the deadline. Further details can be seen in https://cc.iith.ac.in/admissions.html

Results

Selected applicants will be communicated through emails. The list will also be made available in departmental webpage and candidates should check their email regularly for updates. Offers will be made as per COAP guidelines