



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

# M.TECH. IN CLIMATE CHANGE (MoE FELLOWSHIP)

## DEPARTMENT OF CLIMATE CHANGE



### CONTACT US:

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## About Program

M.Tech. in Climate Change (CC) is being offered from the academic year 2019-20 in the Department of Climate Change. The candidates will be provided a thorough grounding on the science, technology and policies associated with the field of climate change followed by a one-year Master's Research thesis on any of the research thrust areas of the Dept. faculty.

## 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  
Sustainability

## Course Curriculum

Type	Credits
Core Courses( Semester 1 & 2)	12
Electives (Semester 1 & 2)	12
Thesis (Semester 3 & 4)	24
Industry Lecture	1
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
- Carbon Capture Utilization and Storage
- Design For Sustainability
- Life Cycle Analysis
- Resource Recovery from Waste
- Waste Management

## Admission Procedure

### Eligibility

Candidates having a valid GATE score in any of AG/AR/BT/CE/CH/CY/CS/EC/EE/ES/EY/GE/GG/IN/ME/MT/PE/PH/ST/XE OR having B.Tech CGPA>8.0 from any IIT can apply.

Candidates will be selected as per online COAP process.

### 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

