



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

# 3 Year RA M.TECH. IN CLIMATE CHANGE (PROJECT FELLOWSHIP)

## 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](mailto:mtech.admissions@cc.iith.ac.in)

## About Program

3 Year Research 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 working on specific research projects over a period of 3 years with the project lead faculty. Please see the floated projects in the department website. The departmental courses will also provide the candidate a thorough grounding on all aspects 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  
Sustainability

## Course Curriculum

Type	Credits
Core Courses	12
Electives	12
Thesis	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
- Carbon Capture Utilization and Storage
- Design For Sustainability
- Life Cycle Analysis
- Resource Recovery from Waste
- Waste Management

## Admission Procedure

### Eligibility

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

Shortlisted Candidates will be called for an Interview and(or) a Written Test.

### 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

Shortlisted applicants will be communicated through emails to appear for online/offline written test/interview. The final selection list will also be made available in departmental webpage and candidates should check their email regularly for updates.

