



## **Indian Institute of Technology Mandi** **IIT Mandi Summer Internship Programme 2018**



**Application ID : IIT-MANDI/INTERNSHIP/2018/SUMMER/3668**

**Date of Application : 23-04-2018**

### **Personal Details**

First Name	: Chitransh
Middle Name	:
Last Name	: Atre
Gender	: Male
DOB	: 23/12/1993
Country	: India
State	: Madhya Pradesh
City	: Khargone
Pin Code	: 451111
Student Mobile No	: 8827148425
Emergency Contact No	: 7718718558
Primary Email	: chitransh.atre@gmail.com
Fathers Name	: Sudhir Atre
Category	: General
Address 1	: Flat 1, block C , Jawahar Navodaya Vidyalaya , Sanawad
Address 2	: Dist. Kharagone, M.P. pin- 451111

### **Academic Details**

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Matriculation	Subjects	School	Board	Year of Passing	Grade/CGPA/%
10th	Mathematics, Science	Jawahar Navodaya Vidyalaya	CBSE	2009	85.2
HSC (+2)/Diploma	Major Subjects/Branch	School/College	Board	Year of Passing	Grade/CGPA/%
12th/Diploma	Mathematics, Physics, Chemistry, Computer Science	Jawahar Navodaya Vidyalaya	CBSE	2011	85.6
UG Degree	Major Subjects	College / Institute	University	Year of Passing	Grade/CGPA/%
B.Tech	Mechanical Engineering	NIT Bhopal	NIT Bhopal	2016	8.26
PG Degree	Major Subjects	College / Institute	University	Year of Passing	Grade/CGPA/%
M.Tech	Atmospheric Science	IIT Kharagpur	IIT Kharagpur	2019	

### **Internship Details**

Academic Year : 2017-2018  
 Academic Semester : EVEN  
 Internship Type : Summer  
 Last Date for Application : 23-04-2018  
 Amount Recommended : 10000.00  
 Hostel Required : Yes  
 Start Date : 11-06-2018  
 End Date : 03-08-2018

### **Area of Interest(Choice 1)**

Area of Interest : Fluid and Thermal Science.  
 Description :  
 Eligibility Criteria : B.Tech in Mechanical Engineering in the Pre-final Year of Degree.  
 Pre-Requisites :  
 Additional Information :

### **Area of Interest(Choice 2)**

Area of Interest : Computational Fluid Dynamics (CFD), Mathematical Image processing.

Description

: We shall solve some fluid flow related problems using Higher Order compact (HOC) finite difference method through C-programming. Or, we shall work on the image denoising problem through variational or diffusion equation based partial differential equation models.

Eligibility Criteria

: Should be doing M. Tech., integrated M.Sc. or Ph.D. (in his early days) in the relevant fields.

Pre Requisites

: Should be good in Mathematics and computing (C Programming). Interested to work in the fields of Computational Fluid Dynamics (CFD) and/or Mathematical Image processing.

Additional Information

### **Area of Interest(Choice 3)**

Area of Interest

: Condensed matter physics and Materials science

Description

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Eligibility Criteria

: M. Sc. / M. Tech/ B. Tech

Pre-Requisites

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Additional Information

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Statement of Motivation

: I am keen on working in the field of 'Fluid Dynamics' . I hope I will also get an opportunity for the same. I have the required motivation to work as an independent researcher as well as a team player. I have good programming skills for the simulation work as I already learned different software including my undergraduate projects which were based on C++ programming, MATLAB. As the final destination, I want to be a professional scientist achieving breakthroughs in this area of research.

Remarks

: Summer Internship

### **Document Details**

S.No	Document Type	File Name
1	ID Proof	IMG_20150809_161801_HDR.jpg
2	Latest Mark Sheet	Transcript.pdf
3	Other Documents	2018 resume of CHITRANSH ATRE.pdf

### **Declaration**

I hereby declare that the information given above is true to the best of my knowledge. In case of any discrepancies institute is allowed to terminate my candidacy. application only submitted finally after acceptance of above declaration.



Signature