



NIT Jamshedpur
m.nitjsr.ac.in

RISHIKESH GOVIND JHA <2023pgphph006@nitjsr.ac.in>

Request for your Consent to conduct my Master Thesis

10 messages

RISHIKESH GOVIND JHA <2023pgphph006@nitjsr.ac.in>
To: "unmesh.khati@iiti.ac.in" <unmesh.khati@iiti.ac.in>

18 August 2024 at 20:59

Respected Sir,

I hope you are doing well. I, Rishikesh Jha, a second-year M.Sc. Physics student at NIT Jamshedpur, am writing to seek your kind consent to conduct my Master's thesis under your guidance from January 2025 to April 2025 (tenure can be changed at your convenience). I have previously completed a basic introductory course in astronomy and am enthusiastic about the prospect of working with you. I've done my graduation dissertation work under Prof. Priyanka Sett, a former assistant professor of Physics at St. Xavier's College, Mumbai. The title of my work was "Mean Displacement of a Drunkard taking Self-Avoiding Walk(SAW) in Two Dimensions". Its detailed report along with my resume can be found in the attachment. I know the necessary programming skills to perform astronomical data analysis using Python libraries like matplotlib, pandas, scipy, numpy, etc. I can design GUIs using Tkinter as well if needed.

I am eager to learn from your expertise and contribute meaningfully to the field under your mentorship. Your guidance would be invaluable as I endeavor to further my knowledge and skills. I am looking forward to the possibility of working with you on this endeavor. Thank you for considering my request, and I hope to receive a positive response at your earliest convenience.

Thank you for your time and consideration.

Sincerely,
Rishikesh Jha
M.Sc. Physics (Second Year)
NIT Jamshedpur
Contact: 9082767127
Residential Address: Navi Mumbai, Maharashtra

2 attachments



Rishikesh's Resume.pdf
69K



B.Sc. Dissertation Report.pdf
1788K

Dr. Unmesh Govind Khati <unmesh.khati@iiti.ac.in>

18 August 2024 at 21:35

To: RISHIKESH GOVIND JHA <2023pgphph006@nitjsr.ac.in>

1. Would it be in-person project?
2. Is your institution funding your stay and travel?
3. I work on remote sensing, especially EM interactions with media on earth and other planets.

Let me know

With thanks,
Unmesh Khati
Assistant Professor
IIT Indore

From: RISHIKESH GOVIND JHA <2023pgphph006@nitjsr.ac.in>

Sent: Sunday, August 18, 2024 8:59:09 PM

To: unmesh.khati@iiti.ac.in <unmesh.khati@iiti.ac.in>

Subject: Request for your Consent to conduct my Master Thesis

[Quoted text hidden]

RISHIKESH GOVIND JHA <2023pgphph006@nitjsr.ac.in>

18 August 2024 at 21:46

To: "Dr. Unmesh Govind Khati" <unmesh.khati@iiti.ac.in>

First of all, thanks for consideration.

Yes sir, it would be in-person project. I'll be present throughout the four months physically.
No sir, my institution is not funding my stay and travel. I can manage my travel but not stay.
I would like to work on remote sensing sir.

[Quoted text hidden]

Dr. Unmesh Govind Khati <unmesh.khati@iiti.ac.in>

18 August 2024 at 22:34

To: RISHIKESH GOVIND JHA <2023pgphph006@nitjsr.ac.in>

Dear Rishikesh,

IIT Indore does not have any support for stay of students. I will see what best can be done.

If the stay cannot be arranged, do you think you would be able to do the project? Typically 4-5 thousand is required for stay outside IIT campus.

Also, how proficient are you with Python or MATLAB?

[Quoted text hidden]

RISHIKESH GOVIND JHA <2023pgphph006@nitjsr.ac.in>

18 August 2024 at 22:48

To: "Dr. Unmesh Govind Khati" <unmesh.khati@iiti.ac.in>

Sir, I know Python very well including libraries such as matplotlib and scipy which are used for data visualization. I can perform data analysis using Pandas. If needed, I can create simple GUIs as well with Tkinter.

Sir, I can stay outside the campus if needed but please just help me with the room dealers. Mostly PG accommodation for a boy is difficult outside the campus.

Lastly please see if I can avail the mess facility.

[Quoted text hidden]

RISHIKESH GOVIND JHA <2023pgphph006@nitjsr.ac.in>

18 August 2024 at 22:50

To: "Dr. Unmesh Govind Khati" <unmesh.khati@iiti.ac.in>

This is my GitHub link where all of my Python Projects could be seen.

<https://github.com/rjlovespy>

[Quoted text hidden]

Dr. Unmesh Govind Khati <unmesh.khati@iiti.ac.in>
To: RISHIKESH GOVIND JHA <2023pgphph006@nitjsr.ac.in>

18 August 2024 at 23:00

Sounds good. Yes, you can potentially work your MSc thesis with my group. Most likely you would work on understanding Microwave interactions with complex targets on land (vegetation, soil).
This will be an un-paid position and you can access mess on per-diem basis.
Let me know what you would need from my end.

[Quoted text hidden]

RISHIKESH GOVIND JHA <2023pgphph006@nitjsr.ac.in>
To: "Dr. Unmesh Govind Khati" <unmesh.khati@iiti.ac.in>

18 August 2024 at 23:14

Thanks for giving me this opportunity sir. This means a lot to me. I will most probably arrive at IIT Indore on 13th January 2025(Monday) after completing my fourth semester Physical registration at NIT Jamshedpur.

Could you please share me your contact number sir for future emergencies?

[Quoted text hidden]

Dr. Unmesh Govind Khati <unmesh.khati@iiti.ac.in>
To: RISHIKESH GOVIND JHA <2023pgphph006@nitjsr.ac.in>

18 August 2024 at 23:15

Ok, sounds good. Do email me a few weeks in advance so I remember it. Reply in this thread.
My office number is 0731-660-3386. Email is the best way to reach me

[Quoted text hidden]

RISHIKESH GOVIND JHA <2023pgphph006@nitjsr.ac.in>
To: "Dr. Unmesh Govind Khati" <unmesh.khati@iiti.ac.in>

18 August 2024 at 23:18

Sure, sir. I will inform you 2-3 weeks earlier before my arrival date and contact you via email only through this thread.

Noted!

[Quoted text hidden]