

NAME AND  
AFFILIATION**Subhodeep Sarkar**

Junior Research Fellow (RSS2019005), Semester III,  
Department of Applied Sciences,  
Indian Institute of Information Technology (IIIT), Allahabad,  
Prayagraj, Uttar Pradesh, India 211015.  
Website: <https://subhodeeps.github.io/>

CONTACT  
INFORMATION

Phone: +91 98311 35421, +91 83683 94790  
E-mail: [subhodeep.sarkar1@gmail.com](mailto:subhodeep.sarkar1@gmail.com), [rss2019005@iiita.ac.in](mailto:rss2019005@iiita.ac.in)

RESEARCH  
INTERESTS

Gravitational and Black Hole Physics

## EDUCATION

**Indian Institute of Information Technology, Allahabad**, Uttar Pradesh, India

Ph.D., Physics, *Expected:* Summer 2023

- Supervisor: Prof. Srijit Bhattacharjee, IIIT, Allahabad

**Jamia Millia Islamia (Central University)**, New Delhi, India

M.Sc., Physics, June 2018

- CGPA: 9.5 (*Placed in First Class with Distinction*)
- Project Supervisor: Prof. Anjan Ananda Sen
- Special Papers: General Theory of Relativity, Quantum Field Theory, Particle Physics, Classical Field Theory

**Asutosh College, University of Calcutta**, Kolkata, West Bengal, India

B.Sc.(Honours), Physics, June 2016

- Result: *First Class with Honours*

**National Gems Higher Secondary School**, Kolkata, West Bengal, India

Indian School Certificate Examination - I.S.C. (Higher Secondary),  
May 2012

- Result: *Secured 96.00% (aggregate)*

Indian Certificate of Secondary Education - I.C.S.E. (Secondary),  
May 2010

- Result: *Secured 95.40% (aggregate)*

PUBLICATIONS  
AND PREPRINTS**Published Papers**

1. S. Bhattacharjee, S. Kumar and S. Sarkar, “**Mass inflation and strong cosmic censorship in a nonextreme BTZ black hole,**” *Phys. Rev. D* **102**, no.4, 044030 (2020) doi:10.1103/PhysRevD.102.044030 [arXiv:2005.09705 [gr-qc]].

TEACHING  
EXPERIENCE**Teaching Assistant**

2019 – Present

XXXX XXXX - Engineering Physics  
Instructor: Dr. Srijit Bhattacharjee  
Department of Applied Sciences,  
IIIT, Allahabad

## SKILLS

Programming:

- C, Python (NumPy, Matplotlib), Mathematica, Maple, Cadabra, LaTeX.

## REFERENCES

- Prof. Srijit Bhattacharjee  
Assistant Professor of Physics  
Department of Applied Sciences  
IIIT, Allahabad  
E-mail: srijitb@iiita.ac.in
- Prof. Lekha Nair  
Head and Professor of Physics  
Department of Physics  
Jamia Millia Islamia  
E-mail: lnair@jmi.ac.in
- Prof. Tabish Qureshi  
Director and Professor of Physics  
Centre for Theoretical Physics  
Jamia Millia Islamia  
E-mail: tabish@ctp-jamia.res.in
- Prof. Anjan Ananda Sen  
Professor of Physics  
Centre for Theoretical Physics  
Jamia Millia Islamia  
E-mail: aasen@jmi.ac.in

## OTHER

## INFORMATION

Date of Birth: July 17, 1993  
Nationality: Indian  
Religion: Non-Practicing Hindu  
Languages: English, Bengali, Hindi  
Date of C.V.: September 1, 2020