

Curriculum Vitae

Personal Details

Name : Kaushik Chatterjee

Salutation: Dr.

Address : Baksi Para, Durgapur, Mayapur, South 24 Parganas, PIN- 743318, West Bengal, India.

Date of Birth : 01/03/1994

Religion : Hindu

Category : General

Marital Status : Married

Natioality : Indian

Mobile No. : (+91)7980535247

Email id : mails.kc.physics@gmail.com

Languages known : Bengali, English, Hindi.



Acedemic Experience

Name of the Exam	School(Board)/ College(University)/Institute	Passing Year	Remarks
Madhyamik (Secondary)	D.P.S.S.S.K.S.N. (W.B.B.S.E)	2009	1 st Class
Higher Secondary (Science)	Budge Budge P.K. High School (W.B.C.H.S.E.)	2011	1 st Class
Bachelor of Science (Physics Hons)	Asutosh College (University of Calcutta)	2014	1 st Class
Master of Science (Physics)	IEST, Shibpur	2016	1 st Class
Doctor of Philosophy (Physics; Astrophysics)	ICSP, Kolkata (University of Calcutta)	2022	1 st Class (in Course Work)

Ph.D. Details

Thesis Title: *Study of the spectral and the timing properties of a few stellar massive black hole candidates during their X-ray active phases*

Supervisors: Dr. Dipak Debnath & Prof. Sandip K. Chakrabarti

Designation & Affiliation:

- Junior Research Fellow (from 23rd April, 2017 to 17th July, 2019) in Indian Centre for Space Physics under the supervision of Dr. Dipak Debnath as PI & Prof. Sandip K. Chakrabarti as co-PI.
- Senior Research Fellow (from 18th July, 2019 to 22nd April 2022) in Indian Centre for Space Physics under the supervision of Dr. Dipak Debnath as PI & Prof. Sandip K. Chakrabarti as co-PI.
- Visiting Research Fellow (from 23rd April 2022 to 30th September 2022) in Indian Centre for Space Physics.

Successfully defended Thesis on December 09 2022 and awarded degree on 15th December, 2022.

Other Qualifications

- **INSPIRE Scholarship** under Department of Science & Technology, Government of India for continuation of **B.Sc & M.Sc** degree.
- **INSPIRE Fellowship (IF170233)** under Department of Science & Technology, Government of India for continuation **Ph.D.** degree.
- Qualified **JEST** in 2017 (Physics)
- Qualified **GATE** in 2017 (Physics)

Work Experience

- Visiting Researcher (from 1st August 2022 to 31st July 2023) at High Energy Astrophysics department in the Institute of Astronomy Space and Earth Science (IASSES), Kolkata, India.
- Visiting Researcher (from 17th November 2022 to 16th January 2023) at the Institute of Astronomy in the National Tsing Hua University (NTHU), Taiwan.

- Postdoctoral Research Associate (from 21st August 2023 to Present) at the South-Western Institute for Astronomy Research (SWIFAR), Yunnan University.

Technical Skills

- **Languages known** : Fortran, C.
- **Operating System** : Linux (Ubuntu), Windows
- **Softwares known** : XSPEC, Plotting (Xmgrace, GNU plot), ROOT

Conference attended

- 1) EXPLORING THE UNIVERSE: NEAR EARTH SPACE SCIENCE TO EXTRA-GALACTIC ASTRONOMY (EXPUNIV 2018). Presented a poster on 'Properties of transient black hole candidate **XTE J1752-223** during its 2009-10 outburst'.
- 2) 1st THAI-CTA Workshop on Astroparticle Physics, National Astronomical Research Institute of Thailand, Chiang Mai, Thailand, 2019.
- 3) International Conference on Five Years of AstroSat, ISRO, 2021.
- 4) COSPAR 2021, Sydney, Australia.
- 5) Astrophysical jets and observational facilities, ARIES Nainital, 2021.
- 6) COSPAR 2022, Athens, Greece.

Publications

In Peer Reviewed (SCI) Journals:

- Published: 14 (5 Lead + Corresponding)
- In Press: 1
- In Communication: 0
- In Preparation: 4 (Lead and Co-author)

In Conference Proceedings: 14

Various Scientific Profiles

➤ **ADS Library:**

https://ui.adsabs.harvard.edu/user/libraries/SHIDYViHSaC1r2V_yGrL1g

➤ **Google Scholar:**

<https://scholar.google.com/citations?user=4yLa6sEAAAAJ&hl=en>

➤ **ResearchGate:**

<https://www.researchgate.net/profile/Kaushik-Chatterjee-4>

➤ **ORCID:**

<https://orcid.org/0000-0002-6252-3750>