



GOVERNMENT GIRLS' GENERAL DEGREE COLLEGE

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Date :

Collaborative Research work done with IUCAA

Paper Published:

1. Spectral and Timing evolution of GX 340+0 along its Z-track, Suchismito Chattopadhyay, Yashpal Bhulla, Ranjeev Misra, **Soma Mandal**, *Monthly Notices of the Royal Astronomical Society*, 2024;, stae389, <https://doi.org/10.1093/mnras/stae389>
2. The flux distribution of individual blazars as a key to understand the dynamics of particle acceleration, Atreyee Sinha, Rukaiya Khatoon, Ranjeev Misra, Sunder Sahayanathan, **Soma Mandal**, Rupjyoti Gogoi, Nilay Bhat MNRAS Letters, 480, 1, L116-L120 (2018)

Research Project:

- Broadband spectral timing studies of X-ray binaries using *AstroSat* and NICER (2019-2022)

Collaborator: Prof. Ranjeev Misra, IUCAA, Pune; Funding Agency: **Science and Engineering Research Board (SERB)**, Government of India, CRG/2019/001112
Status: Completed


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