

Curriculum Vitae



Name: Dr. Parijat Thakur

Position: Associate Professor, Dept. of Pure & Applied Physics,
Guru Ghasidas Central University, Bilaspur (C.G.), India

Education Qualifications:

- Ph.D. (Physics/Astrophysics), 2002, Pt. Ravishankar Shukla University, Raipur (C.G.) 492 010, India.
- M.Sc. (Physics), 1995, Pt. Ravishankar Shukla University, Raipur (C.G.) 492 010, India
- B.Sc. (Physics. Chemistry, Mathematics), 1993, Pt. Ravishankar Shukla University, Raipur (C.G.) 492 010, India.
- H.S.S.C. (Physics. Chemistry, Mathematics), 1990, M.P. Board of Sec. Edu., Bhopal 462 011, India.
- H.S.C. (Science), 1988, M.P. Board of Sec. Edu., Bhopal 462 011, India.

Research Interest:

Astronomy & Astrophysics, Investigating Transiting Exoplanets, Stellar Photometry, X-Ray Studies of Galactic Binaries, Galactic Structure and Dynamics, Galaxy Surface Photometry, Structure and Evolution of Barred Galaxies, NBODY PMSPH & TREESPH Simulations, Astronomical Image Processing.

Professional Experience:

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| 1. Associate Professor | Dept. of Pure & Applied Physics, Guru Ghasidas Central University, Bilaspur (C.G.), India | 2011 to to-date |
| 2. Postdoctoral Researcher | Dept. of Physics and Institute of Astronomy, National Tsing-Hua University, Hsinchu, Taiwan | 2006 to 2011 |
| 3. Postdoctoral Researcher | Institute of Astronomy, National Central University, Chung-Li, Taiwan | 2005 to 2006 |
| 4. Postdoctoral Researcher | Institute of Basic Sciences, Pusan National University, Pusan, South Korea | 2003 to 2005 |

Journal Refereeing: An expert reviewer of the Monthly Notices of the Royal Astronomical Society (MNRAS), which is renowned U.K. Journal of Astronomy & Astrophysics with Impact Factor of 5.249.

Membership/Awards/Fellowship from Professional Bodies:

Awarded with Individual Membership by *International Astronomical Union (IAU), Paris, France*, Life member of Astronomical Society of India (ASI), Visiting Associate of Inter-university centre for Astronomy and Astrophysics (IUCAA), Pune, India, Associate of Committee on Space Research (COSPAR), France, Indian Society for Particle Accelerators (ISPA), Postdoctoral Fellowship from National Science Council (NSC), Taiwan, Postdoctoral Fellowship from ARCSEC founded by KOSEF, South Korea, SRF from CSIR, New Delhi, India, University Research Fellowship from Pt. R.S. S. Univ., Raipur (C.G.), India.

Research Project On-going:

- **Indian Space Research Organisation (ISRO), Bangalore** Granted Major Research Project under **AstroSat**, Announcement of Opportunity (AO) Programme entitled “*Exploring the Environment of Black hole with X-ray Binaries using Archival Data of AstroSat*” for four years starting from May 2019. (On-going)
- Research Project under the Associateship Programme granted by Inter-university Centre for Astronomy and Astrophysics (IUCAA), Pune, India, since August 2012 (On-going)
- Major Research Project (MRP) entitled “Investigating Close-in Extra-solar Planets through Photometric Follow-up of their Transits” has been awarded by the University Grant Commission (UGC), New Delhi, for three years starting from July 2015 (Completed).

Publications: 18 peer-reviewed publications in journals such as Ap.J., AJ, MNRAS, A&A, NewA.
28 papers in Conferences