



Miranda House

UNIVERSITY OF DELHI

Name: Dr. Richa Kundu

Department: Physics

Current Designation: Assistant Professor

Email id: richa.kundu@mirandahouse.ac.in

Academic Qualifications:

M.Sc.(Physics) July 2013 — May 2015
Department of physics and astrophysics, university of Delhi
Percentage 72%

B.Sc.(Physics honours) July 2010 — May 2013
Hindu college, University of Delhi
Percentage: 85%

Intermediate(12th) April 2009 — March 2010
Lady Irwin School
Percentage: 94.33%

Metric (10th class) April 2007 — March 2008
Lady Irwin School
Percentage: 79%

Research Degree(s) :

Ph. D. Registered on 2 February 2016, Thesis defended on 8 June 2022, degree awarded on 25th February 2023 by University of Delhi.

Title: A study of extra-tidal stars in the Galactic globular clusters using the Gaia photometric and astrometric data

Supervisors: Prof. H. P. Singh and Prof. Dante Minitti

Field of Specialization under the Subject/Discipline: Astronomy and astrophysics.



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Studentship: European Southern Observatory, Chile (1st March 2020- 28th February 2021)

Total Teaching Experience: 2 Months, prior Miranda House

Teaching at Miranda House since: 10th March 2023

List of Publications (reverse chronological order):

- Kundu, Richa ; Navarrete, Camila ; Sbordone, Luca ; Carballo-Bello, Julio A. ; Fernández-Trincado, José G. ; Minniti, Dante ; Singh, Harinder P., 2022, A&A, 665, A8 (URL: <https://ui.adsabs.harvard.edu/abs/2022A%26A...665A...8K/abstract>)
- Kundu R. , Navarrete C., Fernández-Trincado J. G., Minniti D., Singh H. P., Sbordone L., Piatti A. E., and Reylé C., 2020, A&A, 645, A116 (URL: <https://ui.adsabs.harvard.edu/abs/2021A%26A...645A.116K/abstract>)
- Kundu R., Fernández-Trincado J. G., Minniti D., Singh H. P., Moreno E., Reylé C., Robin A. C., Soto M., 2019b, MNRAS, 489, 4565 (URL: <https://ui.adsabs.harvard.edu/abs/2019MNRAS.489.4565K/abstract>)
- Kundu R., Minniti D., Singh H. P., 2019a, MNRAS, 483, 1737 (URL: <https://ui.adsabs.harvard.edu/abs/2019MNRAS.483.1737K/abstract>)
- Kanbur S. M., Marconi M., Bhardwaj A., Kundu R., Singh H. P., 2018, in Workshop on Astrophysical Opacities. p. 189 (arXiv:1806.02996) (URL: <https://ui.adsabs.harvard.edu/abs/2018ASPC..515..189K/abstract>)
- Fernández-Trincado J. G. et al 2021, A&A, 647, A64 (URL: <https://ui.adsabs.harvard.edu/abs/2021A%26A...647A..64F/abstract>)

Invited talks/Session chair/Resource person :

- 10th December 2020 in SOCHIAS meeting (Online).
- 2nd July 2020 at Universidad De Atacama, Santiago, Chile (On Zoom).



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Seminars/Workshops/Conferences attended :

- "SOCHIAS" in Chile, 10th December 2020 (online lecture).
- "Vatican Observatory Summer School" at Vatican, June 3-28, 2018. (Talk on work done in the school.)
- "35th Meeting of Astronomical Society of India" at Jaipur, March 6-10, 2017. (Poster presented.)
- "International School for Young Astronomers 2016" at Tehran, August 21- September 8, 2016. (Talk on work done in school on distance to two different clusters.)
- "34th Meeting of Astronomical Society of India" at Srinagar, May 10-13, 2016. (Poster presented.)
- "Visitor's Programme 2016" at Department of Physics & Astrophysics, March 30-31, 2016.
- "School on Good Practices in Astro-Statistics" at IUCAA, January 27-30, 2016.

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