

**CURRICULUM VITAE**  
**ANNEMALLA VIJAYA**

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<b>Name</b>	Dr. A. VIJAYA
<b>Education</b>	Msc, Ph.D (OU)
<b>Date of Birth</b>	20-06-1989
<b>Teaching Experience</b>	Assistant Professor, 2017-till date( 7years of Teaching)
<b>Publications</b>	Published 4 articles in National/International Journals
<b>Seminar/Workshops Organized:</b>	Acted as Local Organizing Committee member in ASI 2018
<b>Nature of co-curricular Activities:</b>	NSS Programme Officer, 2019-2021 Academic Social Responsibility cell member 2021
<b>Education</b>	Msc., Dept.of Astronomy, Osmania University, Hyderabad. - 2012  Ph.D., Dept.of Astronomy, Osmania University, Hyderabad. - 2024 Topic: “photometric and spectroscopic studies of beta lyrae type binary systems using space and ground based telescopes”

**List of Conferences:**

- 1) Photometric and Spectroscopic studies of Beta Lyrae type binary systems. The 40th Meeting of the Astronomical Society of India (ASI) was Hosted jointly by IIT Roorkee and ARIES Nainital during 25-29 March 2022.
- 2) spectroscopic observations of few Beta Lyrae type binaries. 39th Meeting of the Astronomical Society of India (ASI) Hosted jointly by ICTS-TIFR Bengaluru, IISER Mohali, IIT Indore, and IUCAA Pune during 18-23 February 2021.
- 3) Spectroscopic observations of few Beta Lyrae type binaries. 38th Meeting of the Astronomical Society of India (ASI) hosted by the Indian Institute of Science Education & Research (IISER) Tirupati, from 13-17 February 2020.
- 4) Variable O’Connell effect and unseen third body in a Kepler binary K2 EPIC 2071279. 36th Meeting of the Astronomical Society of India hosted by Osmania University Hyderabad during 5-9 February 2018.

### **List of Publications:**

- 1) Annemalla Vijaya, and Sriram, K., Evidence of a third body and photometric solutions of a high temperature marginal contact binary CW Aqr, Research in Astronomy and Astrophysics, 2023 Apr 19; 23(5), p.055009.  
DOI 10.1088/1674-4527/acc154
- 2) Kandulapati Sriram, Annemalla Vijaya, Deblina Lahiri, Chul Sung Choi, Understanding the flare emission in CF Tucanae using TESS, Publications of the Astronomical Society of Japan, 2023 March 09; 75(2), p.476-88.  
<https://doi.org/10.1093/pasj/psad013>.
- 3) K.Sriram, Annemalla Vijaya, Deblina Lahiri, Vivek K. Agrawal, XMM-Newton's view of an RS Cvn binary CF Tuc. New Astronomy 2023  
<https://doi.org/10.1016/j.newast.2023.102127>
- 4) Gaddm, Mamatha Rani; Sriram, K.; Lahiri, Deblina; Annemalla, Vijaya  
Photometric studies of EV Cnc and AH Cnc in the open cluster M 67, Accepted in RAA, 2024.