

## Publications & Presentations of Faculty members

### I. Publications in referred Journals:

1. **GMRT observations of the radio source 4C 35.06: precessing jets from a cD galaxy under assembly?**, Biju, K.G; Pandey-Pommier, M.; Sunilkumar, P.; Dhurde, Samir; Bagchi, Joydeep; Ishwara-Chandra C., H.; Jacob, Joe; BASI, ASI Conference Series, 2014, Vol. 13, pp. 155-156; 2014arXiv1411.7261G.  
<https://ui.adsabs.harvard.edu/abs/2014ASInC..13..155B/abstract>

2. **Megaparsec Relativistic Jets Launched from an Accreting Supermassive Black Hole in an Extreme Spiral Galaxy**, Bagchi, Joydeep; Vivek, M.; Vikram, Vinu; Hota, Ananda; Biju, K. G.; Sirothia, S. K.; Srianand, Raghunathan; Gopal-Krishna & Jacob, Joe, ApJ, 788, 2014.  
<https://ui.adsabs.harvard.edu/abs/2014ApJ...788..174B/abstract>

3. **Zwicky's Nonet': a compact merging ensemble of nine galaxies and 4C 35.06, a peculiar radio galaxy with dancing radio jets'**, K.G. Biju.; Joydeep Bagchi.; M. Pandey-Pommier.; Ishwara Chandra C.H.; Joe Jacob.; M.K. Patil.; Sunil Kumar P.; Mahadev Pandge.; Samir Dhurde.; Pratik Dabhade.; Madhuri Gaikwad.; Sheelu Abraham.; M. Vivek.; Ashish A. Mahabal.; S. G. Djorgovski., MNRAS, Volume 471, Issue 1, p.617-628  
<https://ui.adsabs.harvard.edu/abs/2017MNRAS.471..617B/abstract>

### II. Poster Papers:

1. **Multi-Wavelength Modelling of GRB 081007-** Suma N Murthy, Lekshmi Resmi, Rupak Roy, Kuntal Misra, Archana Pai, Sumana Nandi, and **K G Biju**  
Eighth Huntsville Gamma-Ray Burst Symposium, held 24-28 October, 2016 in Huntsville, Alabama. LPI Contribution No. 1962, id.4055.  
<https://ui.adsabs.harvard.edu/abs/2016LPICo1962.4055M/abstract>.

### III. Posters presentations:

1. **GMRT unveils the longest uninterrupted ~650 Kpc jet of a Giant radio galaxy-** Biju KG et.al, in the conference on 'A Centenary of Astrophysical Jets: Observations, Theory, and Future Prospects', which is held between 23-26th July 2019 at the SKA Global Headquarters, Jodrell Bank Observatory, UK.

**2. GMRT observations of a 2.2 megaparsec scale Giant Radio Galaxy, with ~ 650 kpc uninterrupted jet- Biju KG et.al,** in the international conference on radio astronomy in Pune, India, over 18-22 March 2019 named 'The Metre Wavelength Sky-II'.

#### **IV: Oral Presentations:**

- 1. Multi wavelength studies of Zwicky's Nonet- by Biju KG** II BINA conference at Royal observatory of Belgium, Bressuls on 10<sup>th</sup> October 2018 via Skype.
- 2. Study of the radio spectral properties of 4C 35.06 by K. G. Biju-** in the workshop on 'Extragalactic Relativistic Jets: Cause and Effect' on 16<sup>th</sup> October 2015 at International Centre for Theoretical Sciences.  
<https://www.youtube.com/watch?v=nk3FkoQm7yw>