



CURRICULUM VITAE

ASWINI A R

Senior Research Fellow

Aerosol Chemistry and Trace Gases branch (ACTG)

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EDUCATIONAL BACKGROUND

- 2014-present : Research Fellow, Space Physics Laboratory (SPL),
VSSC, ISRO
- Master of Science (2013) : Physics (Specialization in Astrophysics)
School of Pure and Applied Physics
Mahatma Gandhi University, Kottayam, Kerala, India
- Bachelor of Science (2011) : Physics, Mathematics and Chemistry
Mar Ivanios College, Trivandrum
Kerala University, Kerala, India

WORKSHOPS/SEMINARS/PRESENTATIONS

- Participated in the innovative and creative science education programme organised by Science Facilitation centre, Department of Physics, Mar Ivanios college in collaboration with the Directorate of Public instruction, Kerala state during 2010-2011.
- Workshop on 'Solar Physics' conducted jointly by IUCAA, Pune and IIST, Trivandrum from Nov 29-Dec 1, 2012.

- Workshp on 'Fourier Transforms in Astrophysics' organized by Mahatma Gandhi University, Kottayam and IUCAA-Resource centre-CUSAT, Kochi during 13th-15th February 2013.
- Workshop on 'Astronomy Research: Opportunities and Challenges' organized by IUCAA, Pune at Macfast, Thiruvalla from August 12-14, 2013.
- IUCAA workshop on Variable Sources in Astronomy from 22nd to 24th January 2014 at MACFAST, Thiruvalla.
- Project on 'Glitch Statistics of Radio Pulsars' was carried out at NCRA-TIFR Pune, Maharashtra from June-August 2013. The project was presented at the IUCAA workshop on 'Astronomy Research: Opportunities and Challenges' held at Macfast, Thiruvalla in August 2013.
- Participated in National Conference on Analytical Science and Technology (ANASAT 2015) at Munnar from September 24 -26, 2015 and presented poster on "Measurement of water soluble organic carbon in atmospheric aerosols using Total Organic Carbon analyzer."
- Presented a paper on "Seasonality and source characteristics of carbonaceous species in aerosols of the tropical environment of Coimbatore" at National Space Science Symposium (NSSS -2016) organised by VSSC from February 9-12, 2016.
- Attended the winter school on "Atmospheric Aerosol Physics, Measurements, and Sampling Techniques" at IIT Madras during February 15-19, 2016.
- Participated and presented poster on "Carbonaceous and inorganic aerosols over a sub-urban site in peninsular India: temporal variability and source characteristics" at IASTA-2016 conference held by PRL from December 6-8, 2016.
- Participated and presented poster on "Carbonaceous and inorganic aerosols over a sub-urban site in peninsular India: temporal variability and source characteristics" at UPCAR-2017 at Tirupathi held by NARL and SV University from June 26-28,2017.

PUBLICATIONS

- Aswini, A.R., Hegde, P., and Prabha R. Nair (2018). Carbonaceous and inorganic aerosols over a sub-urban site in peninsular India: Temporal variability and source characteristics. *Atmospheric Research*, 199, 40-53.
<http://dx.doi.org/10.1016/j.atmosres.2017.09.005>.