

SwarnaJayanti Fellowships Scheme- 2018-19

**Shortlisted Candidates for Presentation before Subject Area Committee
in**

Earth and Atmospheric Sciences

Date of Presentation/ Meeting: Friday, 18th October, 2019

Time: 10.00 a.m.

**Venue: Indian National Science Academy
Bahadur Shah Zafar Marg
(Near ITO Metro Station)
New Delhi-110002**

S.No	Project Title / Temporary Reference No.	Applicant Name & Address
1.	Climatic Catastrophes - Lessons from the Geologic Past (DST/SJF/EAS/2019/1)	Dr. Sambuddha Misra Deptt. of Centre for Earth Sciences, Indian Institute of Science Bangalore-560012
2.	Identification of volatiles from tomato crop under drought stress and fabrication of sensor for judicious irrigation (DST/SJF/EAS/2019/2)	Dr. P. S Vijaya Kumar Institute of Nano Science and Technology, Habitat Centre, Phase 10, Sector 64, Mohali -160062
3.	Shock processing of astrochemical ices (DST/SJF/EAS/2019/6)	Dr. Bhalamurugan Sivaraman Physical Research Laboratory, Navrangpura, Ahmedabad -380009
4.	What compensates the masking effects of aerosols on global warming (DST/SJF/EAS/2019/16)	Dr. Vijayakumar S Nair Space Physics Laboratory, Vikram Sarabhai Space Centre, Thiruvananthapuram -695022
5.	Perturbation Dynamics and Resilience of Human-Natural Hydro-climatic System (DST/SJF/EAS/2019/23)	Dr. Subimal Ghosh Department of Civil Engineering, Indian Institute of Technology Bombay, Powai, Mumbai -400076
6.	Legacy of the Indian Paleogene flora in the evolution of low latitude rainforests in South and Southeast Asia (DST/SJF/EAS/2019/25)	Dr. Gaurav Srivastava Birbal Sahni Institute of Palaeosciences, 53, University Road, Lucknow-226007