

## SwarnaJayanti Fellowships Scheme- 2020-21

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

#### Earth & Atmospheric Sciences

Date of Online/Virtual Presentation/ Meeting: **Friday, 27th August, 2021**

**Time: 10.00 a.m.**

<b>S.No</b>	<b>Title of the Proposed Project Proposal/ Temporary File No.</b>	<b>Applicant Name And Institute</b>
1.	Quantifying the present and future impacts of climatically sensitive oceanic trace gases on monsoon precipitation  DST/SJF/EAS/2021/55	Dr. Anoop Sharad Mahajan Indian Institute of Tropical Meteorology, Dr. Homi Bhabha Road, Pashan, Pune-411008
2.	Horizontal diffusive transport and mixing in the upper ocean  DST/SJF/EAS/2021/57	Dr. Manikandan Mathur Department of Aerospace Engineering, Indian Institute of Technology Madras, Chennai-600036
3.	Predicting behaviour of the West Antarctic ice-sheet in near-future climate using the Pliocene records  DST/SJF/EAS/2021/65	Dr. Waliur Rahaman National Centre for Polar and Ocean Research, Headland Sada, Vasco-da-Gama, Goa-403 804
4.	Ocean alkalinity enhancement and its impacts on biogeochemical cycling  DST/SJF/EAS/2021/69	Dr. Arvind Singh Geosciences Division Physical Research Laboratory (PRL) Navrangpura, Ahmedabad-380 009
5.	The state and fate of permafrost carbon in the Himalayas  DST/SJF/EAS/2021/73	Dr. Indra Sekhar Sen Department of Earth Sciences, Indian Institute of Technology Kanpur, Kanpur-208016