



# DSRC Event



## Nonlinear dynamics of the student–faculty transition

**Safvan, Prapanch and Narsing**

Join us for an evening discussion with three recent alumni from our department who will be talking about their transition from student life at IISc to a faculty position in India.



### ABOUT THE SPEAKERS

**Safvan Palathingal** is an Assistant Professor in the Department of Mechanical and Aerospace Engineering at IIT Hyderabad. He received his Ph.D. from Indian Institute of Science, Bengaluru and his B. Tech degree from National Institute of Technology, Calicut. His research interests are in nonlinear mechanics of slender structures, compliant mechanisms, and optimization. In his free time, Safvan likes to sketch and play badminton.

**Prapanch Nair** is currently a senior developer/scientist at ESS Steyr, Austria. Previously he was a postdoctoral researcher at the Max Planck Institute for Plasma Physics in Garching and at the Friedrich Alexander University of Erlangen in Germany. Since his PhD training at the Dept. of Mechanical Engineering, IISc, Bangalore, his interest has remained in the numerical simulation of fluid flows in multiphase and multiphysics systems. He has worked on meshless algorithms, high performance computing and machine learning with the common goal of tackling large scale and industrially relevant flow problems.

**Narsing Kumar Jha** will be joining Applied mechanics department at IIT Delhi. Currently, he is a PBC VATAT post-doctoral fellow in the department of Physics of complex systems at Weizmann Institute of Science, Israel. He is an experimentalist and works on behavior of turbulence in different type of flows due to the fundamental challenges it poses and its immense practical relevance. Currently, he is studying the instability mechanisms and elastic turbulence characteristics in elastic plane Poiseuille flow. He has completed his first post-doctoral work at University of Cambridge, UK and worked on various aspect of air curtains in hospital and commercial buildings and also on hydraulic jump. He completed his doctoral study in mechanical engineering at IISc, Bangalore and worked on two-phase flows and micro-fluidics. He is broadly interested in two phase turbulent flows, environmental fluid flows, complex flows, droplet dynamics in turbulence, microfluidics and flow over bluff bodies.

**January 13, 2021, 4:00 pm – 5:00 pm, Microsoft Teams**