



St. John College, Dimapur

Dr Murchana Khusroo

dr.murchana@stjohncollege.in



PhD: *Plasma Physics, Gauhati University, 2020.*

Masters: *Astrophysics, Gauhati University, 2012.*

Bachelors: *Physics, J B College, Dibrugarh University, 2010.*

Other: *Nil*

Research Interests

Nonlinear plasma processes in astrophysical environment with an emphasis on magnetospheres and accretion disks.

Number of Publication

Books: *Nil*

Book Chapters: 2

Journal Articles: 4

Significant Publication:

1. *M Khusroo and Madhurjya P Bora, Physical Review E, 99, 013205 (2019)*
2. *M Khusroo and Madhurjya P Bora, Plasma Phys. Control Fusion 57 115005 (9pp) (2015)*

Conferences Attended/Invited Talks

International: 4

National: 9

Invited Talks: 0

Grants/Awards Received

1. *Newton-Bhabha fellowship, Rutherford Appleton Laboratory, UK, 2017, (Covered 1 month stay in UK).*
2. *UGC Basic Scientific Research (BSR) JRF/SRF from the year 2013-2018 (₹.30,000 monthly).*
3. *Science and Technology Research Board (SERB), International Travel Support (ITS) Section, Department of Science and Technology (DST), Government of India, 2017 (₹. 99,000).*

Hobbies

Dancing, Travelling.