



BOSE INSTITUTE

(AN AUTONOMOUS INSTITUTE UNDER
DEPARTMENT OF SCIENCE & TECHNOLOGY, GOVT. OF INDIA)



D. M. BOSE MEMORIAL LECTURE-2023



139TH

BIRTHDAY OF PROFESSOR DEBENDRA MOHAN BOSE

26TH NOVEMBER, 2023



BOSE INSTITUTE

KOLKATA



OBSERVANCE OF

139TH

BIRTHDAY OF PROFESSOR DEBENDRA MOHAN BOSE

D. M. BOSE MEMORIAL LECTURE-2023



Dr. Ritu Karidhal

Group Director

Mission Planning and Operations Group

U.R.Rao Satellite Centre

Bengaluru

Dr. Ritu Karidhal is a Senior Scientist in Indian Space Research Organisation with a key role in realizing the Mars Orbiter Mission, which created history of being the first mission to reach Mars in its first attempt. She is also the Mission Director of Chandrayaan-2 and part of Chandrayaan-3 team.

She did M.Sc. in Physics from Lucknow University and then M.Tech from Indian Institute of Science in Bangalore. She joined ISRO in year 1997. She has worked for many prestigious missions of ISRO and also handled responsible position for many missions.

Being the Deputy Operations Director for MOM, she, with her team, was responsible to execute the critical operations of Leaving Earth and Capturing Mars, which could be realized flawlessly. Being the Mission Director of Chandrayaan-2, she was responsible to execute the mission operations from lift-off till reaching Moon.

Mrs Ritu Karidhal has published more than 25 papers both in International and National Publications.

She has been the recipient of many awards including “Young Scientist Award” in 2007 by Shri Abdul Kalam, the then President of India, “ISRO Team Award for MOM in 2015”, “ASI Team Award”, “Women Achievers in Aerospace, 2017” by SIATI (Society of Indian Aerospace Technologies & Industries (SIATI)), “The Baroda Sun Achievement Award” by Bank of Baroda. She was the member of Gender Equality Advisory Council of G7 under UK Presidency in year 2021. Currently she is holding the responsibility of Group Director of Mission Planning and Operations Group.

She has received Honorary doctorate Degree from U.P. Governor Mrs. Anandiben Patel at Lucknow University and also IISC Alumna Award 2019 at Bangalore.



**BOSE INSTITUTE
KOLKATA**



As a part of the Celebration of the
75th Year of Independence of India
Azadi Ka Amrit Mahotsav

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BIRTHDAY OF PROFESSOR DEBENDRA MOHAN BOSE

Director
and

Staff Members of Bose Institute
request the pleasure of your company at the

D. M. BOSE MEMORIAL LECTURE-2023

Speaker

Dr. Ritu Karidhal

Group Director
Mission Planning and Operations Group
U.R.Rao Satellite Centre
Bengaluru

Titled

Challenges and Accomplishments of Interplanetary Missions

On

26th November, 2023 at 3.00 pm

Dr. Debiprosad Duari

Former Director, Research & Academic
M. P. Birla Inst. of Fundamental Research
M. P. Birla Planetarium, Kolkata

has kindly consented to preside over the programme.

Venue:

Unified Academic Campus
Block EN, Plot No. - 80, Sector-V
Salt Lake City
Kolkata - 700 091

Prof. (Dr.) Uday Bandyopadhyay
Director
Bose Institute