



SVKM'S
MITHIBAI COLLEGE OF ARTS, CHAUHAN INSTITUTE OF SCIENCE &
AMRUTBEN JIVANLAL COLLEGE OF COMMERCE AND ECONOMICS (AUTONOMOUS)
NAAC Reaccredited 'A' Grade, CGPA: 3.57 (Feb 2016)
Granted under RUSA, FIST-DST & Star College Scheme of DBT, Gov. of India
Best College (2016-2017), University of Mumbai



Department of Physics
 under the aegis of RUSA Centre for Human Excellence
 presents

National Symposium on Recent Developments in Astrophysics & Astronomy

Date: 17th July, 2021
 Time: 10:00 AM onwards on MS Teams



Dr. Gargi Shaw

DST Women Scientist, Department of Astronomy and Astrophysics,
 Tata Institute of Fundamental Research (TIFR)

Session 1, Time: 10.00 AM

Exploring the secrets of the Universe



Mr. Mahesh Shetti

Assistant Professor, Wilson College

Session 2, Time: 11:30 AM

**Advances in astronomy using modern
instruments**



Dr. Vinita Navalkar

Science Writer at Journal of Visualized Experiments

Session 3, Time: 12:45 PM

Mission Mars

About the symposium

Measurement of celestial phenomena has tremendously improved our understanding of the Universe in the 21st century. To decipher the secrets of universes, we must combine various branches of physics ranging from classical mechanics, quantum mechanics, atomic and molecular physics, chemical physics, nuclear and particle physics, to relativity.

Session 1 and 2 of this symposium will familiarize the audience about our fascinating universe from high redshift to the present time using spectroscopy as well as the advancement in astronomical measurement techniques and telescopes (in particular Thirty Meter Telescope and Square Kilometre Array telescopes) that provide us with a large amount of spectroscopic data. Session 3 will provide an insight to India's first interplanetary mission - Mission Mars, which is an indigenously-built space probe aimed at studying Martian atmosphere. The symposium will also describe some of the current major research domains in the field of Astrophysics in India and the need for active engagement of our students and faculty.

About Us

Mithibai College of Arts, Chauhan Institute of Science & Amrutben Jivanlal College of Commerce and Economics (Autonomous) is envisaged as a destination for the most talented and promising students since its inception in 1961. The college has 22 departments of which 14 are postgraduate departments with 9 of them also conduct Ph.D. programmes. In the last three years, the college has received Rs.11.82 crores as grants from government bodies such as DBT, DST, UGC, RUSA and University of Mumbai. In 2021, EduWorld has ranked Mithibai College 7th amongst all Autonomous Colleges in the country & 2nd in the state of Maharashtra. Mithibai College is committed to shaping the future Indian citizen, acknowledges, and strives to live up to the faith and confidence of all the aspirants entrusted in us.

CHIEF PATRON
Shri Amrish Patel
 Hon. President, SVKM

PATRON
Shri Amit Sheth
 Mentor, Mithibai College

CHAIRPERSON
Dr. Krutika Desai
 In-charge Principal

CO-CHAIRPERSON
Dr. Meenakshi Vaidya
 Vice Principal, Science

CONVENER
Shri Pravin More (HOD, Physics Department)
Organizing Committee:
 B. G. Arote, Dr. Tushima Basak, Karthikeyan Subbu, Dr. Nidhi Thakur, Naim Shaikh, Shashibhushan Singh
Student Coordinator:
 Yogeshwar Singh, Sahil Jadhav

Link for registration: <https://forms.office.com/r/CYhCD1gd42>

No registration fee

Certificates to be provided to all participants

For details email: mithibaiphysics@gmail.com

Click the link to join the Telegram App group for updates regarding the symposium: <https://t.me/joinchat/ne3z4PzbCGEyMWN1>