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Astronaut Shri R. Sharma and the honorable Education Minister Shri B. Basu during the inaugurational tour of the Museum.

ICSP opens the Museum of Astronomy and Space Science (iMASS) in its Integrated Campus. A unique space museum with over 1200 exhibits was inaugurated on 27th October, 2023 by Wing Commander Shri Rakesh Sharma, Ashok Chakra, and India's sole Astronaut in the ground floor of the Integrated campus building on the Eastern Bypass. It was dedicated to Shri Ram Chandra Chatterjee (first Indian balloonist) and Shri Stephen H. Taylor-Smith (first Indian Rocket scientist). Scaled models of Wright Brothers' plane, Apollo 11 module, several satellites, autographs of almost all the astronauts such as Yuri Gagarin, nobel laureates, eminent scientists of the world etc. are exhibited here.

(R) A thematic Panel discussion at JNC auditorium (from L to R) S. K. Chakrabarti, R. Sharma, S. C. Chakravorty, A. Nandi and A.R. Rao taking questions from the audience.





Some of the Exhibits of the Museum. Sputnik (Left), Wright brothers' airplane (Middle) and some satellite models could be seen.

Research and Developmental Activities: Papers published in Refereed Journals

i. Survey of Bare Active Galactic Nuclei in the Local Universe (z < 0.2). I. On the Origin of Soft Excess by P. Nandi, S.K. Chakrabarti & Others, 2023, Astrophys. J. Suppl. Ser., 269, 15

ii. Probing the lower ionospheric electron density modulation by the 2019 solar eclipse with VLF phase studies and ion-chemistry model by S. Biswas, S. Palit, S. Ghosh, S. Kundu, S.K. Chakrabarti, 2023, Advance. Sp. Res. 72, 5, 1605

iii. A Deep Study of the Open Cluster NGC 5288 Using Photometric and Astrometric Data from GAIA DR3 and 2MASS by R Sethi, D Bisht, G Rangwal, A Raj, RMxAA, 59, 177

PhD Thesis Submitted:

Understanding the structure of hot molecular cores through analysis of observational data by Suman Mondal (Supervisor: A. Das and Jt. Supervisor: Sandip K. Chakrabarti)

Ionospheric Response Of Terrestrial Phenomena By Wave Propagation Methods Using Ground and Space-Based Techniques by Swati Choudhuri (Supervisor: S. Sasmal; Jt. Supervisor: Sandip K. Chakrabarti)

A few media coverages on ICSP in the period:

https://www.anandabazar.com/.../rakesh-sharma.../cid/1470150

https://epaper.sangbadpratidin.in/.../m/779880/653c1e9d18b5d

https://youtu.be/EgryQusK17U?si=y7_eiyk56dG2BJ0H

https://epaper.telegraphindia.com/.../174456139/71.html

https://www.ibtimes.com/chandrayaan-3-india-wait-till-next-lunar-sunset-signal-lander-rover-3712963

https://m.timesofindia.com/city/kolkata/bypass-to-get-museum-on-space-artefacts-rare-docus/articleshow/104453472.cms

https://www.aajkaal.in/news.php?id=749&title=Rakesh_sharma_in_kolkata_

https://bengali.news 18.com/news/kolkata/good-news-for-tourist-before-winter-kolkata-space-museum-rmj-1345029.html



Front view of IERCOO, Sitapur

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