
Report on Three-Day National Workshop on Astrophysics and Cosmology organized by Department of Physics

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Department of Physics
Integral University, Lucknow

Three-Day National Workshop
on
Astrophysics and Cosmology
organized
by
Department of Physics, Integral University
in collaboration with
Inter-University Centre for Astronomy and Astrophysics
(IUCAA), Pune

The Department of Physics, Integral University, in Collaboration with IUCAA Pune, has organized a National Workshop on Astrophysics and Cosmology, from 2nd - 4th May 2024. This workshop provided a platform for students, researchers, and enthusiasts to delve into the captivating realms of Astrophysics and Cosmology, through a series of lectures, discussions, tutorials and the oral presentations of the students.

The inaugural day of the national workshop commenced with a graceful floral welcome to the esteemed guests followed by the university Tarana. Professor Shamoan Ahmad Siddiqui, Head, Department of Physics, Integral University delivered a warm welcome address setting the tone for the day, while Dr. Mohd Shahalam, coordinator of the workshop, introduced the workshop's objectives. Professor Abdul Rahman Khan, Dean, Faculty of Science, shared insights paving the way for the esteemed Chief Guest, Professor Mohammad Sajjad Athar, and Special Guest, Professor T. R. Seshadri, to impart their wisdom. The Honorable Vice Chancellor of Integral University graced the occasion with his address, marking a significant moment. The session concluded with the resonant notes of the national anthem, echoing unity.

Subsequently, participants indulged in discussions during the scientific sessions, fostering intellectual exchange. Keynote speakers, Prof. Mohammad Sajjad Athar, Head, Department of Physics, Aligarh Muslim University, delivered the lectures on 'Synthesis of the Elements in Stars', Prof. T. R. Sheshadri, Senior Professor, University of Delhi, delivered the lectures on

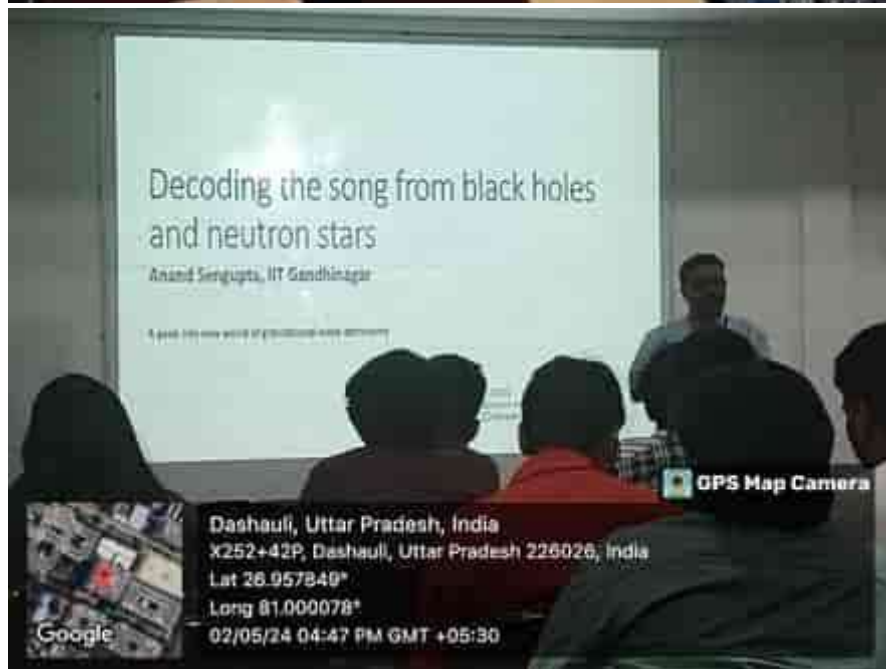
'Cosmology', Dr. Anand Sengupta, Associate Professor, IIT Gandhinagar, delivered the lectures on 'Gravitational Waves', and Dr. Sanil Unnikrishnan, Assistant Professor, St. Stephen College, University of Delhi, delivered the lectures on 'General Theory of Relativity'. On day one, All the speakers delivered the introductory lectures, and moved to the advanced level of their respective topics. A session was devoted to the oral presentation of the students. The last session concluded with open questions, career in Astrophysics & Cosmology and closing remarks.

The participants were from IIT, Kanpur, NIT Bhopal, University of Delhi, AMU Aligarh, BHU Varanasi, University of Rajasthan, University of Allahabad, DDU, Gorakhpur, Maulana Azad University, Jodhpur, Panjab University Chandigarh, University of Lucknow, BBAU, Lucknow and Integral University, Lucknow.

The event was graced by the presence of Prof. Aqil Ahmad, Prof. Wahajul Haq, Prof. Syed Aqeel Ahmad, Deans and Heads of various departments.

Glimpses of the event:







With best regards,

Prof. Shamoan Ahmad Siddiqui
Professor and Head
Department of Physics, Faculty of Science
Integral University, Lucknow