

Event Name: Expert Talk titled “*Frontiers of Physics – An Insight*”

From Date: 14.07.2025

Organized by: PG & Research Department of Physics

Academic year: 2025

The session was graced by Dr. M. Kumar, *Associate Professor and Head, Department of Physics, Aringar Anna Government Arts College, Cheyyar*, who delivered an inspiring and thought-provoking lecture. He explored fascinating topics such as quantum technologies, astrophysics, and particle physics, providing students with a glimpse into the rapidly advancing frontiers of modern physics. Dr. Kumar emphasized the importance of interdisciplinary research and the need for young physicists to stay updated with global scientific trends. He also highlighted how quantum advancements are revolutionizing communication, computing, and materials science. The talk encouraged students to view physics not just as a subject, but as a key to understanding the universe. The session was interactive, with students actively engaging in discussions and clarifying their doubts about complex physical phenomena. The resource person shared valuable insights into research methodologies and the significance of innovation in scientific discovery. Faculty members appreciated his lucid explanations and practical examples that connected theoretical physics with real-world applications. The event concluded with a vote of thanks, expressing gratitude to Dr. Kumar for his enriching contribution. Overall, the expert talk proved to be a stimulating and motivational experience, inspiring students to pursue higher studies and research in emerging areas of physics, and reinforcing the department’s commitment to academic excellence and scientific exploration.