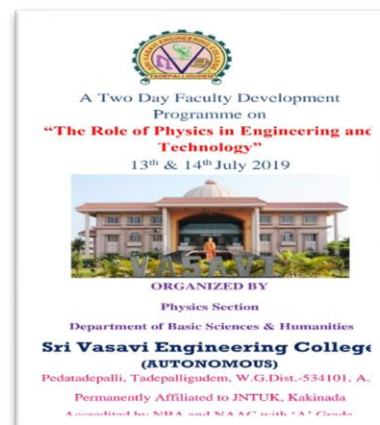


Faculty Development Program on "The Role of Physics in Engineering Technology"

The Physics section of the Department of Basic Science & Humanities organized a two-day Faculty Development Program (FDP) on the 13th and 14th of July 2019. The central theme of the program was "The Role of Physics in Engineering Technology." The event aimed to enhance the understanding of the fundamental principles of physics among faculty members, with a particular focus on their applications in engineering and technology.



The FDP featured distinguished speakers, Dr. SVS Ramana Reddy and Dr. Sai Prasad RLN, from NIT, Warangal, who are renowned experts in their respective fields. The speakers delved into various aspects of physics, providing comprehensive insights into solid-state physics, classical and statistical mechanics, quantum mechanics, optics, and mechanics.

Dr. SVS Ramana Reddy, a seasoned physicist with extensive experience in solid-state physics, commenced the program with an illuminating session on the foundational principles of solid-state physics. His lectures covered topics ranging from crystal structures to semiconductor devices, offering participants a thorough understanding of the essential concepts that underpin modern electronic devices.



Dr. Sai Prasad RLN, an expert in classical and statistical mechanics, quantum mechanics, optics, and mechanics. Dr. Sai Prasad's sessions were characterized by their depth and clarity, providing faculty members with insights into the intricacies of classical and quantum mechanics. His discussions on optics and mechanics further enriched the participants' knowledge, linking theoretical concepts with real-world engineering applications.

The FDP emphasized the interdisciplinary nature of physics and its crucial role in engineering and technology. Faculty members gained valuable insights into how physics

principles contribute to the advancement of various engineering fields. It provided a platform for faculty members to interact with the speakers and colleagues from different departments. This facilitated networking and potential collaboration on future research or academic projects.

The two-day Faculty Development Program on "The Role of Physics in Engineering Technology" organized by the Physics section of the Department of Basic Science & Humanities proved to be a resounding success. The lectures delivered by Dr. SVS Ramana Reddy and Dr. Sai Prasad RLN not only enriched the participants' understanding of fundamental physics principles but also underscored the vital connection between physics and engineering technology. The event fostered a collaborative spirit among faculty members, laying the foundation for continued interdisciplinary engagement and knowledge exchange.

