

St. Joseph's Degree and PG College
Seminar on "Unique Indian Nuclear Power Programme & Safety Aspects"

Date- 19th July, 2019

Venue- Jublie Hall

Program- Guest Lecture by J. Daniel Chellappa

Department of Physics and Electronics arranged a seminar on 19th July, 2019 for B.Sc Physics students (II and III year) and Electronics students (III year) at Jublie hall. The Topic of the seminar was "Fundamentals and Principles of Nuclear Physics- Unique Indian Nuclear Power Programme & Safety Aspects" which was delivered by J. Daniel Chellappa, Senior Scientist (TCW), Bhabha Atomic Research Centre (BARC), Government of India, Chennai, Tamilnadu, India.

The programme began at 11:30am with the prayer. Mr. MLN Rao addressed the audience and the dean of Academics. Rev. Fr. Uday Bhaskar; Mrs. T. Ester Ratna, IQAC Coordinator; and J. Daniel Chellappa took their seats onto the dais. He later, invited the Dean to address the students. The dean mentioned the importance of Science in our day-to-day life and shared a story of Albert Einstein's experience with an Indian. Mr. M Sraavan Kumar, Associate Professor, Dept. of Physics and Electronics, introduced J. Daniel Chellappa to the students. Later, an interactive session began where J. Daniel Chellappa spoke about the Projects under BARC. He initially briefed about the types of energies we can produce in India along with its merits and demerits. Then, he explained about the methods by which Nuclear Energy can be produced in India. He made all of the students believe that Nuclear Physics plays an important role not only in an individual's life but also in building up the economy of India.

The students enjoyed the session and a few shared their experience-

"The seminar on nuclear energy was crystal clear. Every student understood about nuclear energy and the importance of it. The Scientist Mr. Chellapa sir also filled patriotism in the students by his views on using our own resources. It's one of the most important seminars that students heard"- *Rithin (B.Sc (M.P.Cs))*

"Sir, your lecture was outstanding and everyone enjoyed it thoroughly. Your way of lecture was not only informative but also had a lot of take home value, and was well presented. The presentation and the animations you showed helped in understanding the lecture in better way. It was also interesting to hear about the topic like Nuclear Energy from a person like you. Thank you, Sir."- *Anurag Mitra (B.Sc (M.P.Cs))*

"The topic Nuclear Physics appeared very scary to the undergraduates like us because when we enter the Physics lab, we get no practical experience about it. But, after listening to your lecture, we got the confidence in us that yes, Nuclear physics isn't that complicated as we thought it would be. Thank you Sir"- *Nainika (B.Sc (M.P.Cs))*

At the end of the session, he was honored by a memento by Mr. M Sraavan Kumar and Mrs. M Kiran Jyothi. The vote of thanks was delivered by Mr. R. Ashok Kumar. The department thanked the Principal and the dean for their support and encouragement.



