



Academic  
**Staff College**

**A one-day FDP**  
**on “Fundamental science research and societal spinoffs”**

Resource person : Dr. B. Satyanarayana, Scientific Officer, TIFR, Mumbai.

Date and Time : 05.05.2023 (Friday) from 10.30 a.m. to 1.00 p.m.

Venue : Jasmine Hall, C Block, Ground Floor.

Faculty Development Program (FDP) titled "**Fundamental Science Research and Societal Spinoffs**" has been organized by the Academic Staff College of K L Deemed to be University (KLEF) on May 5, 2023. The event featured Dr. B. Satyanarayana, a distinguished scientist from the Tata Institute of Fundamental Research (TIFR), Mumbai, as the keynote speaker.

**Background:** The FDP was organized with the primary objective of enlightening faculty members, researchers, and academicians on the profound link between fundamental scientific research and its tangible impact on society. Dr. B. Satyanarayana, renowned for his pioneering work in fundamental science research, was invited as the resource person.

The objectives of the FDP were to:

- Enhance the understanding of faculty members about the importance of fundamental science research and its societal spinoffs.
- Expose faculty members to the latest trends and developments in fundamental science research.
- Motivate faculty members to pursue fundamental science research and develop innovative solutions to societal problems.

**Program Agenda:** The FDP was conducted as a half-day event, and the schedule was as follows.

The event commenced with a formal inauguration and a warm welcome address by Dr. Jayaprakash Jala, Associate Professor of the Academic Staff College. [Organizer's Name], Director of the Academic Staff College, KLEF.

Dr. B. Satyanarayana delivered an engaging talk on the significance of fundamental science research and its societal spinoffs. He shared his insights, experiences, and showcased various real-world examples that highlighted the direct and indirect applications of fundamental research.

During his address, an interactive session allowed participants to ask questions and engage in a meaningful discussion with Dr. Satyanarayana. This segment was highly informative and enabled a deeper understanding of the subject matter.

## **Introduction**

The Academic Staff College of KLEF organized a half-day faculty development program (FDP) on "Fundamental Science Research and Societal Spinoffs" on May 5, 2023. The FDP was conducted by Dr. B. Satyanarayana, Scientific Officer, TIFR, Mumbai.

## **Participants**

The FDP was attended by 30 faculty members from various departments of KLEF. Dr. Satyanarayana began his talk by discussing the importance of fundamental science research. He argued that fundamental science research is essential for understanding the basic laws of nature and developing new technologies. He also highlighted the societal spinoffs of fundamental science research, such as the development of new medical treatments, improved communication and transportation technologies, and new materials.



Next, Dr. Satyanarayana discussed the latest trends and developments in fundamental science research. He gave examples of several cutting-edge research projects in areas such as physics, chemistry, biology, and computer science. He also discussed the challenges and opportunities in fundamental science research.

In the final part of his talk, Dr. Satyanarayana motivated faculty members to pursue fundamental science research. He shared his own experiences as a fundamental science researcher and highlighted the rewards of doing research. He also encouraged faculty members to develop innovative solutions to societal problems through their research.

### **Feedback from Participants**

The feedback from participants was very positive. Participants appreciated Dr. Satyanarayana's insights into the importance of fundamental science research and its societal spinoffs. They also found his discussion of the latest trends and developments in fundamental science research to be very informative.

### **Conclusion**

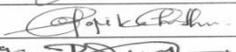
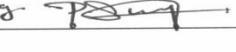
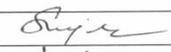
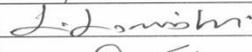
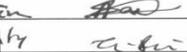
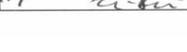
The FDP on "Fundamental Science Research and Societal Spinoffs" was a success. It helped faculty members to better understand the importance of fundamental science research and its societal spinoffs. It also exposed them to the latest trends and developments in fundamental science research and motivated them to pursue research in this area.

**Key Takeaways:**Dr. Satyanarayana's presentation covered various important aspects of the relationship between fundamental science research and societal spinoffs, including:

1. The importance of fundamental research in expanding our understanding of the natural world and its role in shaping the course of applied science and technology.
2. Concrete examples of fundamental research leading to societal benefits, such as the development of novel medical treatments, advanced materials, and technological innovations.
3. The role of universities and research institutions in promoting fundamental research and fostering a culture of innovation.
4. Collaboration opportunities between academia and industry to bridge the gap between fundamental research and practical applications.

The FDP was well-received by the participants, including faculty members, researchers, and scholars from various academic disciplines. They appreciated the valuable insights provided by Dr. Satyanarayana and the opportunity for open discussion.

**Conclusion:** The Half-Day FDP on "Fundamental Science Research and Societal Spinoffs" by Dr. B. Satyanarayana was a resounding success, contributing to the professional development and knowledge enhancement of the academic community at KLEF. The event served as a platform for participants to grasp the transformative potential of fundamental research in addressing societal challenges and fostering innovation.

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30	6957	Dr. G. Vinodini Devi	College of Law		
31	6769	Ms. Moutushi Thakur	College of Law		
32	6796	Mrs. Noopur Agarwal	College of Law		
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34	7783	Mr. Leela Krishna	College of Law		
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36	8014	Mrs. M. Bhargavi	College of Law		
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