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## **Press Release**

### **IIT (ISM) Launches Six-Day Faculty Development Program on Crystal Growth and Semiconductor Technologies.**

IIT (ISM) is proud to announce the commencement of its six-day Faculty Development Program (FDP) focusing on "Crystal Growth, Semiconductor Processing, and Manufacturing Technologies," which began on December 16 at the Faculty Development Centre. This enriching program aims to empower educators with the latest advancements in technology and methodologies essential for enhancing their teaching efficiency.

The FDP kicked off with an expert lecture by Prof. J Kumar from Anna University, Chennai, who delved into "Crystal Growth Techniques II: Epitaxial Growth." Following this, participants were enlightened by Prof. RR Sumathi, Deputy Head of the Department at Leibniz-Institut für Kristallzüchtung, Germany, who presented insights on "Crystal Growth Techniques I: Bulk Growth Methods."

On the second day, attendees gained valuable knowledge from Dr. Pratap Kumar Das, Principal Member of Technical Staff at AMD Bangalore, during his session on Semiconductor Technology. The sessions have been designed to foster a deep understanding of process integration in semiconductor manufacturing and advanced water processing and fabrication technologies.

Prof. R Thangavel, Associate Professor in the Department of Physics at IIT (ISM) and coordinator of the Faculty Development Program, emphasized the significance of this initiative, stating, "The aim of the Faculty Development Program is equipping the participating teachers with required skills through training to enhance their efficiency." His vision reflects the commitment of IIT (ISM) to elevate educational standards through continuous professional development.

The program promises to be an invaluable experience for all participants, providing them with the tools necessary to thrive in an ever-evolving academic landscape. As the days progress, attendees will engage in collaborative discussions and hands-on workshops that will further enrich their expertise in these critical areas.

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