



**St. Francis**  
College for Women  
Begumpet, Hyderabad-500016  
(Autonomous & Affiliated to Osmania University)  
NAAC Re-accredited with 'A' Grade 4<sup>th</sup> Cycle



जैवप्रौद्योगिकी विभाग  
DEPARTMENT OF  
**BIOTECHNOLOGY**

**ST. FRANCIS COLLEGE FOR WOMEN, HYDERABAD**

**ACADEMIC YEAR 2023 - 2024**

**DEPARTMENT OF PHYSICS**

**Report on Guest Lecture on 'Structural Ceramics Developed at ARCI'**

**Date: 18 January 2024**

**Time: 9:00-11:30 AM**

**Brochure:**

The brochure is a colorful poster with a blue and green gradient background. It features the logos of St. Francis College for Women, the Department of Biotechnology, and Sustainable Development Goals. The text is in both English and Hindi. It announces a guest lecture by Dr. Madireddy Buchi Suresh, a Scientist-E at ARCI, Hyderabad. The lecture is titled "Structural Ceramics : Technologies Developed @ ARCI" and is organized by the Department of Physics under the DBT STAR COLLEGE (Under Strengthening Component). The event is scheduled for January 18, 2024, from 9:00 to 11:30 am at Gerosa Hall.

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SUSTAINABLE  
DEVELOPMENT  
**GOALS**  
SFC supports SDG

**DBT STAR COLLEGE**  
( Under Strengthening Component)

**Department of Physics**

Organizes a  
**Guest lecture**

**"Structural Ceramics :  
Technologies Developed @ ARCI"**

**Resource Person**

  
**Dr. Madireddy Buchi Suresh**  
Scientist-E @ ARCI, Hyderabad

**Date : 18 -01-2024 | Time : 9.00 to 11.30 am | Venue : Gerosa Hall**

The Department of Physics organized a guest lecture on the topic “**Structural Ceramics developed at ARCI**” under DBT STAR COLLEGE (Strengthening Component) for the Physics students of I , II and III year (MPC and MPCs). Around 161 students and 3 faculty members participated. The resource person for the event was Dr. Madireddy Buchi Suresh (Scientist F at ARCI, Hyderabad).



### Objectives:

1. To provide students an insight on the significance of structural ceramics.
2. To encourage further exploration and research by understanding their unique properties and make them suitable for structural applications.

### Outcomes:

1. Attendees gained a deeper understanding of fundamentals of structural ceramics including their properties, applications and manufacturing processes.
2. The lecture ignited interest and engagement among participants encouraging them to delve further into structural ceramics through projects and continued learnings.

### Pictures:





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