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Guest Lecture

Department of Chemistry, MVJCE Organised a guest lecture on 21.03.2019 for second semester chemistry cycle students at Smt.Rajalakshmi Jayaraman seminar hall at 10.45 AM.

Date of the event	21.03.2019
Title of the Event	Advances in superconducting materials and fuel cells
Organised by(Department name)	Chemistry department
Name of department event coordinators	Dr.Ramachandran A, Professor, Dept of Chemistry & Ms.Manjula M, AP, HOD, Dept of Chemistry

Dr.M.Shekar Kumar, a distinguished scientist, Former Additional Director, Central Power Research institute, Bangalore presented his lecture on “ **Advances in superconducting Materials and Fuel cells**”. He explained the basics of superconductivity and subsequently emphasized the importance of superconducting materials for various applications, especially to control the power loss during transmission. He demonstrated manufacturing techniques of superconducting materials for commercial scale.

Further, he illustrated solid oxide fuel cell working mechanism . He elaborated the advantages of solid oxide fuel cell over thermal power and solar power production.

Outcome of the event

The students at the end of the session understood the basics and importance of superconducting materials and also the advantages of solid-oxide fuel cell.



Department of Chemistry organized a Guest Lecture on “Advances in Superconducting Materials and Fuel Cells” on 21.03.2019 at Smt. Rajalakshmi Jayaraman Seminar Hall. Dignitaries on the dais from (R to L) Dr. Nagaraj Sitaram, Principal, MVJCE; Dr. M Shekhar Kumar, Former Additional Director, CPRI, Bangalore and Dr. Ramachandran A, Professor, Dept of Chemistry, MVJCE introducing the speaker.



Department of Chemistry Organized a Guest lecture on , “ Advances in Superconducting Materials and Fuel Cells”, on 21.03.2019, at Smt. Rajalakshmi Jayaraman Seminar Hall. Lecture being delivered by Dr. M Shekhar Kumar, Former Additional Director, CPRI, Bangalore.