



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC with B++ Grade, ISO 9001:2015 Certified Institution

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

Freshman Engineering Department

Seminar

A seminar was delivered by Dr. S. Yuseb, professor & Research Co-ordinator on 05th July 2019. He discussed his published research work on “Effect of Cr₂O₃ on the structural, optical and dielectric studies of LiF-SrO-B₂O₃ glasses”. He demonstrated the synthesis techniques and the characterization of the samples.

The specimens fabricated find the potential applications in different domains of Science and Technology. Some of the fantabulous applications of the work pieces are, they are used as materials for optical components such as tunable solid state lasers, optical materials, optical filters, IR domes, memories, modulators, luminescence materials, phosphors, solar energy converters, fiber optic communication devices, radiation dosimetry, cathode materials in batteries, memory, switching devices, plasma display panels, switching components, electronic circuit elements, gas sensors, cathode materials in rechargeable batteries. Microelectronics, high transmittance materials and fast ion conducting glasses. These glasses are used as the solid electrolytes and the best materials in manufacturing the energy storage devices.

