

The Department of Physics, KLEF-VJA campus conducted a National-Level Guest lecture to celebrate the National Science Day 2024 titled “Role of nanotechnology in polymer electrolytes for rechargeable Li-ion batteries” in the Cisco WebEx platform from 2:00 to 3:15 pm. Dr.M.Venkateswarlu, Assistan Professor is the convener for this Guest Lecture. Many faculty, research scholars, and student community from various institutions in India have joined the lecture and gained insightful knowledge. The resource speaker Dr Anji Reddy from BVRIT, Hyderabad delivered the lecture and need for the demand of high-performance, safe, and sustainable energy storage solutions has intensified research into rechargeable lithium-ion batteries (Li-ion). A critical component of Li-ion batteries is the electrolyte, which conducts lithium ions between the cathode and anode. Rechargeable Li-ion batteries are ubiquitous in modern electronics and electric vehicles due to their high energy density and long cycle life.



National-Level (Online) Guest Lecture on

## ROLE OF NANOTECHNOLOGY IN POLYMER ELECTROLYTES FOR RECHARGEABLE LI-ION BATTERIES AND BEYOND

28<sup>th</sup> Feb 2024 @ 3.00 - 4.00 PM

Meeting Venue: Cisco WebEx (online)



Resource Person

### Dr. Anji Reddy Polu

Associate Dean R & D, Assistant Professor, Department of Physics,  
BVRIT HYDERABAD College of Engineering for Women,  
Hyderabad, Telangana, India

Registration  
link QR Code:

Registration link: [https://docs.google.com/forms/d/e/1FAIpQLScLJwMkhNEFaYdYxzdIRrLDKrLrA4YJAFuXUo6Eb4on34t8g/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLScLJwMkhNEFaYdYxzdIRrLDKrLrA4YJAFuXUo6Eb4on34t8g/viewform?usp=sf_link)



Webex Meeting link: <https://kluniversity.webex.com/kluniversity/j.php?MTID=m04a198bab1f6b86f6cb5b4ffd5b90fe3>

Convenor:

**Dr. M. Venkateswarlu**

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Co-Convener

**Dr. Sk. Mahamuda**

Assoc. Professor, Dept. of Physics

Chair:

**Dr. K. Swapna**

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