



## Koneru Lakshmaiah Education Foundation

(Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

Accredited by NAAC as 'A' Grade University ❖ Approved by AICTE ❖ ISO 9001-2015 Certified

Campus: Green Fields, Vaddeswaram - 522 502, Guntur District, Andhra Pradesh, INDIA.

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Department of PHYSICS

DATE: 23/11/2022

**Report on the national webinar arranged on the “Diluted Magnetic Semiconductors: Special case of TM (Mn, Fe) doped ZnO Thin films” on 23/11/2022 from 2:30 to 4:00 pm IST organised by the Dept. of Physics (DST-FIST sponsored), KLEF, Vaddeswaram. India in association with Materials Research Society of India.**

The National Webinar started exactly at 2:30 pm IST and waited for few minutes to join for the remaining participants. The session began with addressing the participants by the HOD madam highlighted about the department (Academics and Research) briefly to the participants and resource persons along with the opening remarks of the guest lecture and highlighted the importance of materials. Follolwed this, the Convenor Dr G Sunita Sundari few words about the importance of celebrations and its relevance to Atmospheric Physics and Chemistry. After this, immediately we started the presentations with our resource person Dr M.Venkaiah from Vignan University, Vadlamudi, Andhra Pradesh, India by giving their introduction to the participants. The national webinar ended with a vote of thanks given by the Dr Mahamuda Shaik and finally requested the participants to fill the feedback. With this, the guest lecture was ended on a grand note and very successful in holding 32 participants offline throughout the duration which went for about 1 h 30 min.

The Department of Engineering Physics (DST-FIST Sponsored), KLEF, Guntur jointly organised a **national webinar arranged on the “Diluted Magnetic Semiconductors: Special case of TM (Mn, Fe) doped ZnO Thin films” India in association with Materials Research Society of India.**

The details are as follows:

Topic: **India in association with Materials Research Society of India.**

Date: 23<sup>rd</sup> November 2022

Time: 2:30 pm – 4.00 pm (Indian Standard Time)

Online Platform: Cisco WebEx

**NO REGISTRATION FEE**

Registration Link: <https://forms.gle/PfkvgT1YLwrPxZri8>

E-certificate will be provided to the registered participants those who submitted feedback form and attending all the sessions.

## Resource Person:

1. Dr M Venkaiah Naja from Vignan University, Vadlamudi, Andhra Pradesh, India.

Join the meeting here:

<https://kluniversity.webex.com/kluniversity/j.php?MTID=m962de1d34397f549ca7f2f7b7cea0f6e>

For any queries on the webinar, the following are contacted.

Dr. Mahamuda Shaik, Assoc. Prof. & Convenor, Dept. of Physics,

Email: [mahamuda.ss@kluniversity.in](mailto:mahamuda.ss@kluniversity.in), Mobile: 99045225.

##### STAY HOME, STAY SAFE, STAY HEALTHY .....#####

With regards

Program Chair

Dr. G. Sunita Sundari, Associate Professor & HOD, Department of Physics, Koneru Lakshmaiah Education Foundation (KLEF), Guntur, Andhra Pradesh.

1. Poster designed for communication purpose to conduct National Webinar

**KL** UNIVERSITY  
**Department of Physics**  
(DST-FIST Sponsored)  
In Association with  
**Materials Research Society of India**

**A National Webinar**  
On  
**Diluted Magnetic Semiconductors:**  
**Special case of TM (Mn, Fe) doped ZnO**  
**Thin films**

**Date & Time:**  
**23<sup>rd</sup> November 2022**  
**IST: 2.00 – 4.00 PM**

**Resource Person**  
**Dr. Venkaiah Malapati**  
Ph.D.(University of Hyderabad)  
Assistant Professor  
Vignan University, Vadlamudi  
Guntur Dt., Andhra Pradesh

**Convenor**  
**Dr. Mahamuda Shaik**  
Associate Professor  
Dept. of Engineering Physics, KLEF

**Chair**  
**Dr. G. Sunita Sundari,**  
HoD, Physics, Assoc. Professor  
Dept. of Engineering Physics, KLEF

**Registration Link**  
<https://forms.gle/px7yEci1EcT4nNNN8>  
**Join us @**  
<https://kluniversity.webex.com/kluniversity/j.php?MTID=ma71147c82da68846b7bcd78bd90e452f>  
Registration is Free & E-Certificate will be provided

2. WhatsApp group created for easy communication and updating the information to registered participants. Online meeting link shall be provided through WhatsApp group.

The Department of Engineering Physics (DST-FIST Sponsored), KLEF, Guntur jointly organised a **national webinar arranged on the “Diluted Magnetic Semiconductors: Special case of TM (Mn, Fe) doped ZnO Thin films” India in association with Materials Research Society of India was conducted and completed successfully on 23/11/2022 between 2:30 and 4.00PM (IST).**

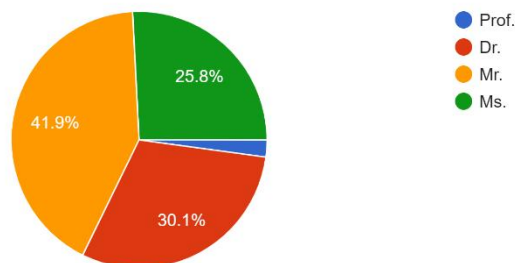
Thanks to the CCO & Director, Dean-MHS, Principal-Sciences, Coordinator of FED, HoD (Dept of Engineering Physics), faculty, Research Scholars, and Technician on successful completion of Guest lecture. Special thanks to the Management and higher authorities of KLEF, Vaddeswaram, Guntur.

1. E-Certificates were issued to participants who registered, participated/attended the guest lecture, and successfully submitted the feedback form. A Sample certificate is attached here.

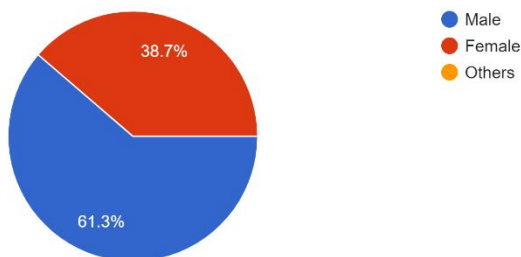


2. Registration and feedback forms and responses from the participants with statistics  
Total registrations received: 93

Salutation  
93 responses



Gender  
93 responses



3. Screenshots/photos taken during the international webinar are attached below as proof.

Cisco Webex Meetings Meeting Info Hide Menu Bar 38:56

File Edit Share View Audio & Video Participant Meeting Breakout Sessions Help

Speaking: Dr V Malapati

	Anitha reddy 2			
2655-Gnanakiran			Dr. Annapurna Devi. Ch.	Dr. Bharath
vadithya sa balaji	Ch Pravallika	Dr K Raghavendra Kumar	Dr. Annapurna Devi. Ch.	Dr. Bharath
Dr. J. Mobika	Dr.M.Venkateswarlu	Dr.Mahamuda Shaik	Dr.Sk.Shahenoor Basha	Dr.T.Jayanalina
Gottipati Dedeepya	Gottipati.Dedeepya	Gunjan Mahajan	Kartika Maheshwari	PSATYANARAYANA RAO

Participants (30)

Search

- Department of ph... Host, me
- Dr V Malapati
- 2016 Dr N S M P L...
- 2655-Gnanakiran
- 3172 Dr.G.Sunith...
- 3435 Dr.A.Venkat...
- 3652 Dr.Sk.Babu
- 5715 Dr.S.Shanm...
- Anitha reddy 2
- ARIGELA NAGENDRABABU

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Mute Stop video Share Record P.SATYANARAYANA RAO


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Viewing Dr V Malapati's application(s) - 43% +

**DILUTE MAGNETIC SEMICONDUCTORS:  
SPECIAL CASE OF TM (MN, FE) DOPED  
ZNO THIN FILMS**



**VIGNAN'S**  
Foundation for Science, Technology & Research  
**UNIVERSITY**  
(Deemed to be UNIVERSITY)  
-Estb. u/s of UGC Act 1956

**Dr. Venkatah Malapati**  
Department of Physics  
School of Applied Sciences  
VFSTR (Deemed to be University)  
Vadlamudi, Guntur -522213.

Participants (32)

Search

- Department of ph... Host, me
- Dr V Malapati
- 2016 Dr N S M P L...
- 2655-Gnanakiran
- 3172 Dr.G.Sunith...
- 3435 Dr.A.Venkat...
- 3652 Dr.Sk.Babu
- 5715 Dr.S.Shanm...
- A. Sangeetha
- Anitha reddy 2

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Viewing Dr V Malapati's application(s) - 43% +

### Plan of the talk

- ❖ Introduction to Nanotechnology
- ❖ Dilute magnetic semiconductors
- ❖ Zinc oxide semiconductor
- ❖ Thin film fabrication techniques
- ❖ Structural and morphological studies
- ❖ Optical properties
- ❖ Magnetic studies

2

Participants (33)

Search

- SMI Gurjari Vani Rajani
- KM Kartika Maheshwari
- PR P.SATYANARAYANA RAO
- PA PELATI ALTHAF
- RC Roshan chandrapal
- S sailaja
- SB Sonali Biswas
- VP V Parthiban
- VV V.Lakshmi Savithri Vatsalya
- VB vadithya sa balaji

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File Edit Share View Audio & Video Participant Meeting Breakout Sessions Help

Speaking: Dr V Malapati

	P. Lakshmi				

Participants (33)

Search

- Departme... Host: me
- Dr V Malapati
- 2016 Dr N S M P L...
- 2655-Gnanakiran
- 3172 Dr.G.Sunith...
- 3652 Dr.Sk.Babu
- 5715 Dr.S.Shanm...
- Anitha reddy 2
- ARIGELA NAGENDRABABU
- Bilal Ansari Shaik

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