



Koneru Lakshmaiah Education Foundation

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

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

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Department of PHYSICS

DATE: 27/05/2023

Report on the one-day National-level (online) Guest Lecture on “Nanoscience and Technology for Better Living” organised jointly by the Dept. of Physics, KLEF and MRSI, Mumbai on 27/05/2023 (3:00 – 4:30 pm IST)

Information communicated on 26/05/2023 with the release of the Registrar’s circular, KLEF to get registrations from the participants and the same was shared all over the country.

The details of National Level (online) Guest Lecture are as follows:

Date: 27th May 2023 (Saturday)

Time: 3:00 pm – 4:30 pm (IST)

Platform & Venue: Cisco WebEx (online)

Registration link: <https://forms.gle/BxP6uLere3m8ggguM8>

Feedback link: <https://forms.gle/jZHkDCddS53dEWbq7>

Meeting (online) link:

<https://kluniversity.webex.com/kluniversity/j.php?MTID=mf2fa820b9c37c92363e698aa5c9b4229>

Resource Person:

Dr. D. Amaranatha Reddy, Assistant Professor (Grade-I), Dept of Sciences, Indian Institute of Information Technology – Design and Manufacturing (IIITDM), Kurnool, Andhra Pradesh

We invite you all to take advantage of this opportunity.

NO REGISTRATION FEE.

E-certificate will be provided to the registered participants those who submitted feedback form at the end of lecture.

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

Dr. K. Raghavendra Kumar, Assoc. Prof., Dept. of Physics, Email: rkkanike@kluniversity.in, Mobile: 9391392189.

With regards

Dr. G. Sunita Sundari

Associate Professor & HOD & Chair

Department of Physics

Koneru Lakshmaiah Education Foundation (KLEF)

Vijayawada, Andhra Pradesh.

1. Poster designed for information related to the national guest lecture.

The poster is for a National-Level (Online) Guest Lecture on "NANOSCIENCE AND TECHNOLOGY FOR BETTER LIVING". It is jointly organized by the Department of Physics at KLERU Lakshmaiah Education Foundation (Deread to be University) and the Materials Research Society of India (MRSI), Mumbai. The lecture is scheduled for 27th May 2023, from 3:00 to 4:30 pm, on the Cisco WebEx (online) platform. The resource person is Dr. D. Amarathya Reddy, Assistant Professor, Department of Sciences, Indian Institute of Information Technology-Design and Manufacturing (IIITDM), Kurnool. The registration link is <https://forms.gle/BxP6il.erc.3m8gguM8>. The registration is free, and certificates will be provided to all participants. The convener is Dr. K. Raghavendra Kumar, Associate Professor, Dept of Physics, KLEF, and the chair is Dr. K. Swapna, Associate Professor & HOD, Dept of Physics, KLEF.

The one-day National-level (online) guest lecture was organised and completed successfully on 27/05/2023 between 3:00 and 4:30 pm (IST).

Thanks to Director, Principal and Coordinator of FED, HoD (Dept of Physics), and Physics faculty on successful completion of national level online guest lecture organised jointly by the Dept. of Physics, KLEF and MRSI, Mumbai. Special thanks to the Management and higher authorities of KLEF.

Convener

Dr. K. Raghavendra Kumar (Emp ID: 6127), 9391392189, rkanike@kluniversity.in

Chair

Dr. K. Swapna (Emp ID: 1919), Email: swapnakon@kluniversity.in

1. E-Certificates were issued to participants who registered through the above link and attended the workshop. A Sample certificate is attached here.

The sample E-Certificate is awarded to AMIT VERMA, Koneru Lakshmaiah Education Foundation, Guntur. It recognizes his active participation in the National Level (Online) Guest Lecture on the theme of "Nanoscience & Technology for Better living" on 27th May 2023. The lecture was jointly organized by the Department of Physics (DST-FIST Sponsored), Koneru Lakshmaiah Education Foundation (KLEF), Guntur & Materials Research Society of India (MRSI), Navi, Mumbai. The certificate is signed by Dr. K. Raghavendra Kumar (Convener, Dept. of Physics, KLEF, India), Dr. K. Swapna (HOD, Dept. of Physics, KLEF, India), Prof. M. S. G. Prasad (Coordinator - FED, KLEF, India), Prof. K. Subrahmanyam (Principal - Sciences, KLEF, India), and Prof. A. Jagadeesh (Director - FED, KLEF, India).

2. Registration and feedback forms and responses from the participants with statistics

Total registrations received: 126

A National-Level Guest Lecture on the topic "Nanoscience and Technology for Better Living" (Res... ☆ 🌐 📄 🗑️ 🔄 Share 🧑

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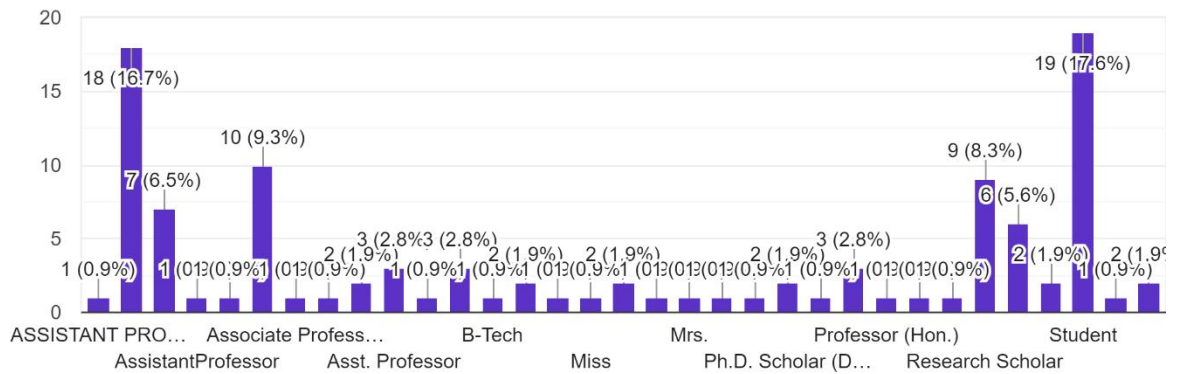
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	A	B	C	D	E	F	G	H	I
1	Timestamp	Email Id	Salutation	Full Name	Designation	Department	Gender	Affiliation	City
113	5/27/2023 12:54:46	cnu.pvvs@gmail.com	Dr.	P V V S Srinivas	Assistant Professor	CSIT	Male	K L Deemed To Be Univ	Vijayawada
114	5/27/2023 14:19:02	mobeenshaik@gmail.com	Dr.	Dr.Mobeen Shaik	Assistant Professor	Pharmacy	Female	KLEF	Guntur
115	5/27/2023 14:55:36	sallaja3983@gmail.com	Dr.	PENNABADI SAILAJA	Assistant Professor	Physics	Female	G.Pulla Reddy Degree &	Hyderabad
116	5/27/2023 15:12:11	vadithyassaibalaji1234@gmail.com	Mr.	VADITHYA SAI BALAJI	Student	Physics	Male	KI University	VADESWARAM
117	5/27/2023 15:13:15	Psnr.mrc@gmail.com	Mr.	P.Satyanarayana Rao	Assistant Professor	Physics	Male	M.R. COLLEGE (A)	VIZIANAGARAM
118	5/27/2023 16:15:21	thammubalaji2002@gmail.com	Mr.	Thammu .Balaji	Student	Civil Engineering	Male	No	Repalle
119	5/27/2023 16:26:29	sukhamromen@yahoo.com	Mr.	Sukham Romen Singh	Assistant Professor	CSE	Male	KLU	Imphal
120	5/27/2023 16:28:00	rajigolla752@gmail.com	Ms.	Rajigolla	Student	Msc physics	Female	KI University	Vijayawada
121	5/27/2023 17:55:18	chilukurihemalatha706@gmail.com	Ms.	Chilukuri hemalatha	Student	Msc chemistry	Female	KI University	Guntur
122	5/27/2023 17:56:05	lakshmpasupuleti136@gmail.com	Ms.	Pasupuleti laxmi	Student	Msc. Chemistry	Female	KI University	Guntur
123	5/27/2023 18:03:51	bandilavanya2001@gmail.com	Ms.	Lavanya Bandi	Student	Chemistry	Female	KI University	Vijayawada
124	5/28/2023 1:26:15	talentkinohaddu@gmail.com	Mr.	Kailash	Student	ME	Male	VU	Vijayawada
125	5/28/2023 8:49:15	lakshmanlucky273@gmail.com	Mr.	TUMU LAKSHMAN PRA	Student	Master of Computer Appl	Male	KL UNIVERSITY	NUZVID
126	5/29/2023 13:04:53	7008	Ms.	PAPIYA MUKHERJEE	Assistant Professor	COMPUTER SCIENCE /	Female	KLEF	VIJAYAWADA
127									
128									

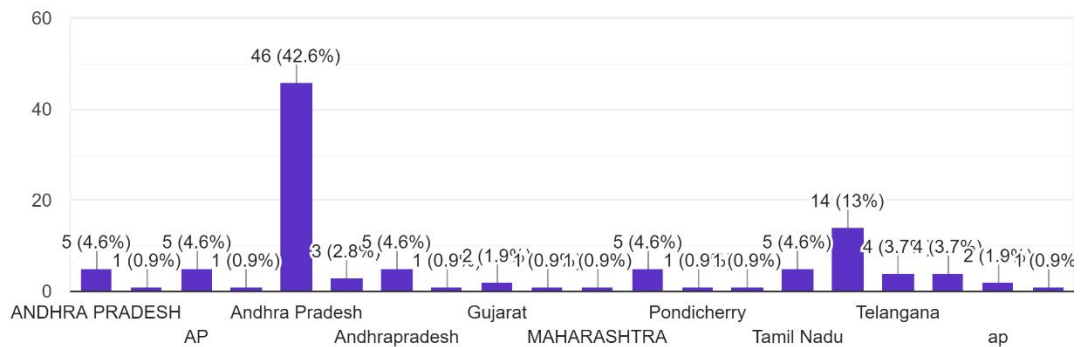
Designation

108 responses

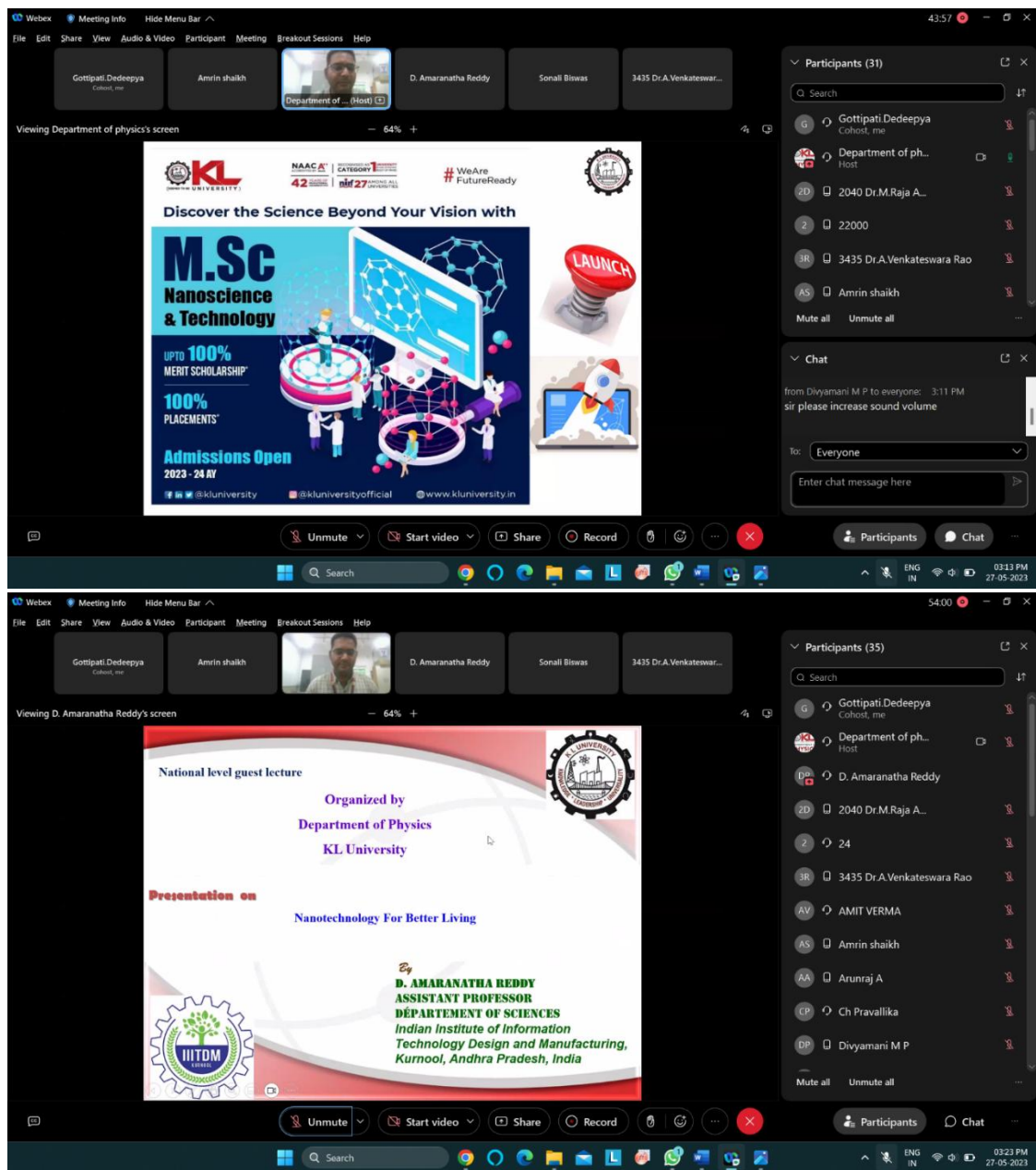


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108 responses



3. Snapshots taken during the guest lecture are attached below.



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Participants (33)

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Gottipati,Deeepya Cohost, me

Department of ph... Host

D. Amaranatha Reddy

2040 Dr.M.Raja A...

24

3435 Dr.A.Venkateswara Rao

AMIT VERMA

Amrin shaikh

Arunraj A

Ch Pravallika

Divyamani M P

Mute all Unmute all

Viewing D. Amaranatha Reddy's screen - 64%

WHAT IS NANOTECHNOLOGY ?

Nanotechnology is the study, design, and manipulation of materials at the nanoscale. It has the potential to revolutionize many areas, from medicine to electronics.

It involves the study of properties and phenomena of matter and systems that exist at the scale of one billionth of a meter (10^{-9} m)

NANOTECHNOLOGY has a wide range of applications:

- Electronics,
- Medicine,
- Energy
- Robotics
- Space applications
- Materials science,
- Environmental science
- Defense Applications

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Gottipati,Deeepya D. Amaranatha Reddy 2040 Dr.M.Raja Ambet... 2100032473_vachspat... 24 2640 028 6720 3435 Dr.A.Venkateswar... AMIT VERMA

Participants (33)

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TOP COLLEGES FOR NANOTECHNOLOGY COURSES IN INDIA

1. Shivaji University
2. SRM University
3. Amity University
4. IIT Madras
5. IIT Roorkee
6. Jadavpur University
7. NIT Calicut
8. Vellore Institute of Technology
9. Institute of Nano Science and Technology (INST), Mohali

- CSIR - CMERI
- CSIR - AMPRI

KL University Introduced MSc in Nano science & Technology

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Gottipati,Deeepya D. Amaranatha Reddy 2040 Dr.M.Raja Ambet... 2100032473_vachspat... 24 2640 028 6720 3435 Dr.A.Venkateswar... AMIT VERMA

Participants (33)

Search

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FUTURE PLANS FOR NANOTECHNOLOGY :

- Doctors inside your body
- Sensors, sensors, everywhere
- Self-healing structures
- Making big data possible
- Tackling climate change

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Gottipati, Dedeepya Mc D. Amaranatha Reddy 2040 Dr.M.Raja Ambet... 2100032473_vachapat... 24 2640 028 6720 3435 Dr.A.Venkateswar... 3652- Dr. Shaik.Babu Layout

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FINAL GOAL & CONCLUSION

(v) Improving the PEC cell efficiency by modifying the engineering aspects and make it for commercialization

(i) Development of efficient photo anodes (Fe_2O_3 , BiVO_4)

(ii) Development of efficient photo cathode materials (Cu_2S , Cu_2O)

(iii) Analyze the optimized samples using in-situ time-resolved X-ray spectroscopic method to monitor photo-induced charge transfer processes

SLIDE 39

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04:13 PM 27-09-2023