



KONERU LAKSHMAIAH EDUCATIONAL FOUNDATION

Deemed to be University, Accredited by NAAC with A++ Grade
Green Fields, Vaddeswaram, Andhra Pradesh 522502.

Alumni Industrial Guest Lecture

Focus on futures for Nanomaterials

(Nanotechnology Research opportunities: Academia and Industrial Perspective)

2nd September 2023 @IST 2.00 - 4.00 PM

Organized by

Department of Physics, KLEF – VJA.

Platform CISCO Webex:

Join as @ <https://kluniversity.webex.com/kluniversity/j.php?MTID=m4284681ed822dbdccc4e3a9c66ef20592>

Webinar number: 2644 799 8315

Webinar password: 3u9pYMZne4Y

Registration Link <https://forms.gle/wZivvFJBbPVD89M58>

Report on Alumni Industrial Guest Lecture Focus on futures for Nanomaterials

(Nanotechnology Research opportunities: Academia and Industrial Perspective)

Name of the Guest Lecture: Nanotechnology Research opportunities: Academia and Industrial Perspective

Hosting Institute: Department of Physics, KLEF – VJA.

Venue: Platform CISCO Webex – Online mode

Date: 2nd September 2023 @IST 2.00 - 4.00 PM

Total Duration: 1 Day

No. of Resource Persons: International = 02 and National (Alumni) = 01, Total = 03

Total Participants international: 17 and National: 82

Total registration: 99

The document on hand is a detail narration of the events and proceedings of the One day online Alumni Industrial Guest Lecture programme on “Focus on futures for Nanomaterials (Nanotechnology Research opportunities: Academia and Industrial Perspective)” The Alumni Industrial Guest Lecture was conducted by the Department of Physics, as a value added and knowledge enhancement programme in collaboration with the Faculty of Engineering and Science Technology based on nano materials characterization, Koneru Lakshmaiah Educational Foundation, Organized by Department of Physics, KLEF – VJA in India. This one week program is utilized for all the practicing Science, Engineers, Faculty members, Research scholars and Students (UG & PG) of both engineering, Science as well as polytechnic Colleges. The training has been conducted at the premises of Physics Department, KLEF through online mode Platform CISCO Webex and the whole programme was designed for 1 day.

INTRODUCTION

As this is a one-day program with an objective to be achieved on each moment. Alumni Industrial Guest Lecture aim at the objectives followed:

To provide an overview of nanomaterials and their significance in various fields, by exploring the recent advances in nano materials techniques, with a discussion on the emerging trends in the field of nano technology industrial opportunities. This leads to identifying and addressing the challenges associated with nano material. Finally, this helps to initiate the joint research activities, exchange ideas among scholars, faculty, and industrial experts. This can act as steppingstone for post graduate students to pursue their internship in the industry. This Alumni Industrial Guest Lecture encourages the teachers to become a change agent by adopting technical skills, on par with national and global standards.

OBJECTIVES AND OUTCOME OF THE PROGRAMME

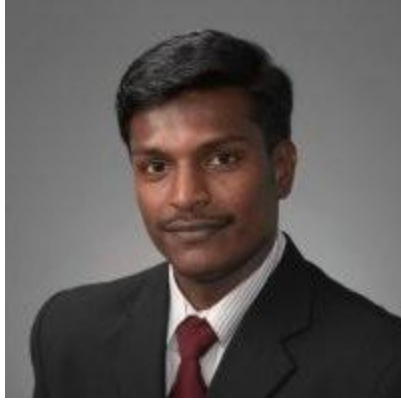
- The course is proposed to generate and impart knowledge on recent advancement in the area of nano materials characterization and its manufacturing techniques.
- Create the culture of learning and self-improvement.
- Understand the latest and advanced inputs about nanomaterials and manufacturing Techniques.
- Facilitate insight to different research models and their application in teaching.

ABOUT THE RESOURCE PERSONS



Dr. Vasanthan Thirunavukkarasu,

Youipot, Nano Semiconductor device & manufacture pvt, Golden Apple Innovation Park,
Ganli 2nd Road, Longgang District, Shenzhen.



Er. Sethu Narayanan Tamilselvan,

Kistler (Measure, Analyze, Innovative) & Sigetech Embedded - Robotics Solutions Pvt Ltd,
3 Tai Seng Drive, #04-01, Singapore 535216.



Dr. K. Swapana,

HOD & Associate professor,
Department of Physics, KLEF,
Vijayawada Campus.

Convener

Dr. S. Shanmugan

Co-Conveners

Dr. N.S.M.P. Latha Devi

Dr. Shaik Babu

LIST OF PARTICIPANTS REGISTERED

ID	Name2	Designation	College/Institute/University	Country
1	Dr. S.SHANMUGAN	Assistant professor	KLEF	India
2	Dr Anu Mary Ealias	Assistant Professor	iaiah Education Foundation (Deemed U	India
3	Dr.G.V.Ganesh	Associate Professor	KLEF	INDIA
4	Dr.Raju Anitha	Associate professor	neru Lakshmaiah Education Foundati	India
5	INNAMANENI RAJASEK	Assistant Professor	neru Lakshmaiah Education Foundati	India
6	Dr.R.Gnanasekaran	Assistant Professor	KL University	India
7	s. N. Venkata Naga Jyo	Assistant Professor	KL College of Pharmacy KLEF	India
8	IRIGIPATI RAMA KRISHN	ASSISTANT PROFESSOR	KL UNIVERSITY VADDEYSWARAM	INDIA
9	Dr.Shaik.Babu	Assistant professor	KLEF	India
10	ALLABOTHULA RAMES	ASST.PROFESSOR	KLUNIVERSITY	INDIA
11	AKSHAYANI SRIRAMSE	Assistant Professor	iaiah Education Foundation (Deemed U	India
12	Dr. Priyaranjan Samal	Assistant Professor	akshmaiah Education Foundation, Vij	India
13	M.K.MURUGESH	ASST.PROFESSOR	K.L.UNIVERSITY	INDIA
14	Dr. P. SRINIVASAIN	HEAD	KL DEEMED TO BE UNIVERSITY	INDIA
15	Dr Basant Sah	Associate Professor	KL University	India
16	Dr.K.S.Ramesh	Professor	KLEF	INDIA
17	Dr. Giphin George	Assistant Professor	L Deemed to be University, Vijayawai	India
18	Dr Venkata Rajesh Yelli	Assistant Professor	neru Lakshmaiah Education Foundati	India
19	Dr.R.D.SATHIYA	Professor	KL University	INDIA
20	r Srinivas Kumar Palvar	Assistant Professor	neru Lakshmaiah Education Foundation	
21	B V S Kiran	Assistant Professor	KL College of Agriculture	India
22	Dr. Pilla Avinash	Assistant Professor	KL College of Agriculture	India
23	Dr. K. Narendra	Associate Professor	V.R. Siddhartha Engineering College	India
24	Dr.J.D.Chaitanya Kumari	Assistant Professor	K L Deemed to be University	India
25	NDARUPALLI PHANI BA	Associate Professor	hnaveni Engineering College for Wor	India
26	Dr K Anil Kumar	Associate Professor	Tirumala Engineering College	India
27	Dr M Reddi Babu	Associate Professor	Sree Rama Engineering College	India
28	SULAVANCHA SATYA V.	Associate professor	. INSTITUTE OF TECHNOLOGY AND SC	INDIA
29	S.SRINIVASARAO	Assistant professor	NARASARAOPETA	INDIA
30	P N V KISHORE	Assistant professor	I &Dr HS MIC COLLEGE OF TECHNOLOG	INDIA
31	Sujana Poluru	Research Scholar	S V University	India
32	Dr Prasad Ghanta	Associate professor	institute of Technology and Engineer	India
33	K RAMANI	Assistant professor	IVR& Dr HS MIC College of technolog	India
34	K.GUNAVATHI	Assistant professor	Sree Rama Engineering college	India
35	A. USHA	Assistant professor	Sree Rama Engineering College	India
36	Dr Aruna Nayudu	Sr.Assistant Professor	reddy Bali Reddy College of Engineer	India
37	SAMUEL JOHN G.	Assistant Professor	Narasaraopeta Engineering College	India
38	Dr. GIRIDHAR N	Associate Professor	Narasaraopeta Engineering College	India
39	EL KUMAR PANCHUMA	Assistant professor	ENKATADRI INSTITUTE OF TECHNOLI	INDIA
40	Dr Ch. Prameela	Associate professor	Chalapathi institute of technology	India
41	Dr.LNVH Soma Sundar	Associate Professor	Reddy Engineering college (Autonon	India
42	Pandurangarao Kankar	Assistant Professor	LA INSTITUTE OF ENGINEERING AND	India
43	Dr ch Kavitha	Assistant professor	VR siddhardha Engineering College	India
44	PRADEEP P V	Assistant Professor	's College of Engineering and Technrc	India
45	K.Rajitha	Associate professor	Sree Rama Engineering College	India
46	Ravindranath Lyathak	Associate professor	Malla Reddy Engineering College (A)	India
47	Dr. M. Raju	Assistant professor	KL University	India
48	Triyellamanda kumar V	Research Scholar	JNTUA	INDIA
49	r.Ch.Chiranjeevi Sriniva	Lecturer	Government College (A),	India

50	OMPRAKASH YAKKAL	stant Professor of Phys	SCIENCE TECHNOLOGY AND RESEAR	INDIA
51	Dr. Sk. Erfan	Associate Professor	QJSCET,	India
52	Bharath Sabarish VC	Assistant professor	technology Karlyamanikam Road, Sar	India
53	Ratna Sailaja katta	Lecturer in physics	St Joseph's College for women	India
54	Dr. NEERAJA. KATTA	Professor	Narasaraopeta Engineering College	India
55	Santhakumaran Vetri	Project Manager	Sri associates	India
56	Amancha Thirupathi	Assistant professor	IEDDY ENGINEERING COLLEGE (Auto	India
57	CHAGANTI RAMARAO	HOD	Stanns college for women	India
58	H. Joy Prabu	Assistant Professor	St. Joseph's College (Autonomous)	India
59	Dr. M. Srinivasa Reddy	Assistant Professor	na University College of Engineering	India
60	Dr. P. Mohanbabu	Professor	QIS college of Eng&Tech, ongole	India
61	SHAIK AZAD BASHA	Research Scholar	Acharya Nagarjuna University	India
62	MANIKANDAN MURUGI	Assistant Professor	INAN COLLEGE OF TECHNOLOGY (AU	India
63	SHAIK FAKRUDDIN BAB	ASSISTANT PROFESSOR.	SIDDHARTHA ENGINEERING COLLE	India
64	Jopala Krishna Vanapal	Research Scholar	Sri Venkateswara University	India
65	B. Rupa Venkateswara	Assistant Professor	idhartha Engineering College (Auton	India
66	BVS PAVANI	Assistant Professor	& DR. HS MIC COLLEGE OF TECHNOL	INDIA
67	Ika chowdary Chirumar	Assistant professor	klu	India
68	Dr.k.Lakshmi Sarada	Associate Professor	R&DRHSMIC COLLEGE OF TECHNOLO	India
69	Pendala Sai Dinesh	Research Scholar	Sri Venkateswara University	India
70	Dr.k.Lakshmi Sarada	Associate Professor	R&DRHSMIC COLLEGE OF TECHNOLO	India
71	Dr V.Madhuri	Professor	Sri Mittapalli College of Engineering	INDIA
72	ahasultana Mohammed	Assistant Professor	KL college of Pharmacy, KLEF	India
73	CHAGANTI RAMARAO	HOD	St anns college for women	India
74	Dr T. KALYANI	Associate professor	engineering college of science and te	INDIA
75	Dr Sk.Suriya Shihab	Associate professor	Prakasam Engineering college	INDIA
76	Sanjay Sankaranarayar	Associate Professor	neru Lakshmalah Education Foundati	India
77	Shihabudheen M	Assistant Professor	lakanta Government Sanskrit College	India
78	Dr. A. PONSANKAR	Assistant Professor	Sri Paramakalyani College	India
79	Gunjan	Research Scholar	KLEF	India
80	Mobeen Shaik	Assistant professor	KL College of Pharmacy	India
81	Dr. G. Krishna kumari	Associate professor	NRI INSTITUTE OF TECHNOLOGY	India
82	Rithwik	Year 2	KLU	India
83	ENKATA RAMANA RED	Professor	neru Lakshmaiah Education Foundati	India
84	Dr. SANDIP SWARNAKA	Assoc. Prof.	K L University	India
85	Dr Joshitha C	Associate Professor	KL University, Hyderabad	India
86	ara S A L G Gopala Gu	Assistant professor	K L University	India
87	Dr. Sonali Biswas	Assistant Professor		India
88	Mohammed Abdul Was	Asst.Professor	KI University	India
89	r. Rupesh Kumar Anna	Professor	.. Mary's Women's Engineering Colleg	India
90	Dr. Ch. B Annapurna De	Associate Professor	Vignan's Lara Institute of Technology	India
91	MINAPALLI SANTHI LATI	Assistant Professor	Lara Inistitute of Technology & Scienc	INDIA
92	Prof. S. Yusub	Professor	ieddy College of Engineering, Mylavar	India
93	RIGELA NAGENDRABAE	STUDENT	H EDUCATION FOUNDATION (DEEME	INDIA
94	r. Vinod Kumar Kushw	Assistant Professor	idustan College of Science & Technol	India
95	R.Hartha	Asst.proffesor	Sree Rama engineering college	India
96	aghavendra Kumar Kai	Associate Professor	neru Lakshmalah Education Foundati	India
97	B.N.PRATHIBHA	Assistant professor	SreeRama engineering college	INDIA
98	Dr.A.Venkateswara Rac	Assistant Professor	Klef	India
99	Keerthi	anoscience and techr	Kluniversity	India

FEEDBACK

Feedback for all the sessions in the programme was taken after completion of every session from the attended participants. A good amount parameters and fields were considered in the feedback form shared with the participants. The programme received an over helming positive response and appreciation from all the participants regarding the conduction of the Alumni Industrial Guest Lecture, managements and the quality of the lecture delivered by the speakers.

CONCLUSION AND RECOMMENDATIONS

The Alumni Industrial Guest Lecture was conducted successfully and all the participants actively took part in all the sessions of the 1 day programme and ended with the vote of thanks by the programme co-ordinators. Later the certificate of appreciation and participation were reached to all the resource persons and participants.

The poster features a grid background with logos at the top: KL University Department of Physics, NAAC Category 1 University, KL Accredited by NAAC with A++, Ranked 28 among top 100 universities, 43 Years of Educational Excellence, and Solar Energy Society of India (SESI). The main text reads: 'Alumni Industrial Guest Lecture: Focus on futures for Nanomaterials (Nanotechnology Research opportunities: Academia and Industrial Perspective)'. The date is '2nd September 2023, 2 PM - 4 PM' and the venue is 'Cisco WebEx (online)'. Three resource persons are listed with their photos and titles: Dr. Vasanthan Thirunavukkarasu (Youst Nano Semiconductor device & manufacture Pvt. Golden Apple Innovation Park, Bant 2nd Road, Longgang District, Shenzhen), Dr. Sethu Narayanan Tamiliselvan (Kistler (Measure, Analyse, Innovate), & Sigetech Embedded - Robotics Solutions Pvt Ltd, 3 Tai Seng Drive, #04-01, Singapore 535205), and Dr. K. Swapan (HOD & Associate professor, Department of Physics, KLER, Vijayawada Campus). A large graphic of puzzle pieces with nanotechnology imagery is on the right. At the bottom, it says 'Jointly Organised by Koneru Lakshmaiah Education Foundation (Deemed to be University) and Solar Energy Society of India (SESI)'. The convener is Dr. S. Shanmugan and co-conveners are Dr. N.S.M.P. Latha Devi and Dr. Shaik Babu. Registration link: <https://forms.gle/wZivvFJBbPVD89M58>. No registration fee and E-certificate will be provided to all participants. Join as ID: <https://kluniversity.webex.com/kluniversity/j.php?MTID=m4284681ed822dbccc4e3a9c66ef20592>. Webinar number: 2644 799 8315. Webinar password: 3u9pYM2ne4Y.

4th International Conference on Advanced Function... Meeting Info 08:22:17 Layout

A. Sangeetha Unverified Konan Gyan Prakash Kumar Unverified PELATI ALTHAF

Viewing PELATI ALTHAF's shared content

New feature
 Drag the handle to collapse thumbnails or to see more

- MXenes plays an efficient role in energy contributing advancements in

BATTERIES

HYBRID ENERGY STORAGE SYSTEMS

Got it 2 of 2

Rearrange videos in the stage

You can rearrange the order of the videos in the stage. Just select the video you want to move and drag it to a new position.

Chat

Everyone Direct

Messages to everyone will be saved after the meeting.

to me that his microphone is closed.

KURRA KRANTHI Unverified 3:32 PM
Yes me also now ok

Konan @gmail.com 3:35 PM
ok now i can hear

You 5:16 PM
<https://forms.gle/Pv4oeM1pDeCGnSFq9>

Write a message to 4th International

Unmute Start video Share

4th International Conference on Advanced Functional Materials for Sustainable Energy Applications (ICAFMSA 2023) Meeting Info 02:59:10 Layout

Naga Prasuna Unverified Pravalika Unverified Dr Paul Unverified ARIGELA NAGENDRA...

Viewing Dr Paul's shared content

TODAY'S DAILY LIFE IS STRONGLY INFLUENCED BY THIN FILM BASED APPLICATIONS

Lens With Anti-Reflection Coating

Oil stick on water

Packages & PET bottles (Al protective film prevents moisture & keeps the contents fresh)

Mobile and laptops (TCO film on touch screens, antireflection films on the screen, O-LED's and antifouling film to prevent impression of fingerprints)

Lenses for glasses and cameras (antireflection films that minimize glare)

What are Thin Films ?

Thin films are thin layer of material (less than about 1 μm) deposited over another material called substrate. Thickness for which the property of the film asymptotically reaches that of the bulk is reasonably characterized as thick.

Why Thin Films ?

- Compactness
- Better Performance
- Reliability
- Low cost of production
- Low package weight

Participants (22)

In the meeting (22)

- Naga Prasuna Me
- A. Sangeetha Host + Unverified
- Dr Paul Presenter + Unverified
- Department of physics Cohost
- 3652 Dr.Sk.Babu
- 5715 Dr.S.Shanmugan
- A Naveen
- ARIGELA NAGENDRABABU
- Dr. R H Rao Unverified
- Dr. Sonali Biswas Unverified
- Dr.K.Thiruppathi Unverified
- Dr.Latha Unverified

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Dr M V V K Srinivas Pras...

2000020048 SIBO

Participants (81)

Search

- s.sudna
- SD Sai Dinesh
- SK Sumi Kumari
- VC v chinnanarasimhulu
- VP V Poonguzhali
- VS v sujatha
- V Vardhan
- VC Vijaya Chitra
- V vijayamari

Mute all Unmute all

Dr M V V K Srinivas Pras...

Participants (80)

Search

- s.sudna
- SD Sai Dinesh
- VC v chinnanarasimhulu
- VP V Poonguzhali
- VS v sujatha
- V Vardhan
- VC Vijaya Chitra
- vijayamari
- VK Vinod Kumar Kushwah

Mute all Unmute all

Unmute Stop video Share Record



CERTIFICATE OF APPRECIATION



PRESENTED TO
Dr. Vasanthan Thirunavukkarasu

Youipot Nanosemiconductor device & manufacture (Pvt) Ltd
Golden Apple Innovation Park, Ganli 2nd road, Longgang District, Shenzhen.

For sharing their valuable knowledge on

FOCUS ON FUTURES FOR NANOMATERIALS

(Nanotechnology Research Opportunities: Academia and Industrial Perspective)

2nd September 2023 @IST 14:00 – 16:00 PM

Organized by **Department of Physics**

Koneru Lakshmaiah Education Foundation – Deemed to be University
Guntur, Andhra Pradesh - 522302 India


Dr. S. Shanmugan
Convener


Dr. K. Swapna
HOD


Dr. M. Siva Ganga Prasad
Coordinator, FED


Prof. K. Subrahmanyam
Principal - Sciences


Prof. A. Jagadeesh
Director, FED



CERTIFICATE OF APPRECIATION



PRESENTED TO
Er. Sethu Narayanan Tamilselvan

Senior Specialist, Singapore University of Technology and Design (SUTD)
Singapore

For sharing their valuable knowledge on

FOCUS ON FUTURES FOR NANOMATERIALS

(Nanotechnology Research Opportunities: Academia and Industrial Perspective)

2nd September 2023 @IST 14:00 – 16:00 PM

Organized by **Department of Physics**

Koneru Lakshmaiah Education Foundation – Deemed to be University
Guntur, Andhra Pradesh - 522302 India


Dr. S. Shanmugan
Convener


Dr. K. Swapna
HOD


Dr. M. Siva Ganga Prasad
Coordinator, FED


Prof. K. Subrahmanyam
Principal - Sciences


Prof. A. Jagadeesh
Director, FED