

A Brief report on National Webinar

On

"Agri Nano Technologies & Dilectric Materials"

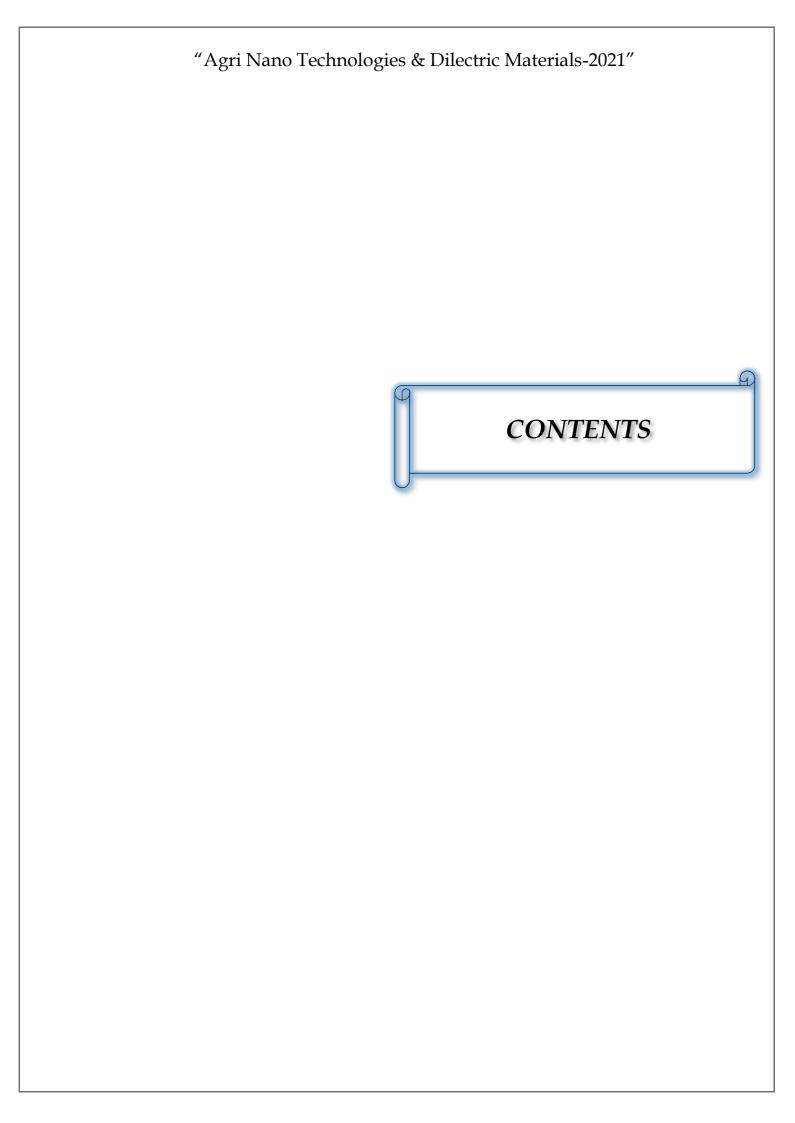
04rd August 2021

Organized by

Department Of Physics
University College of Science & Technology
Adikavi nannaya university
Rajamahendravaram

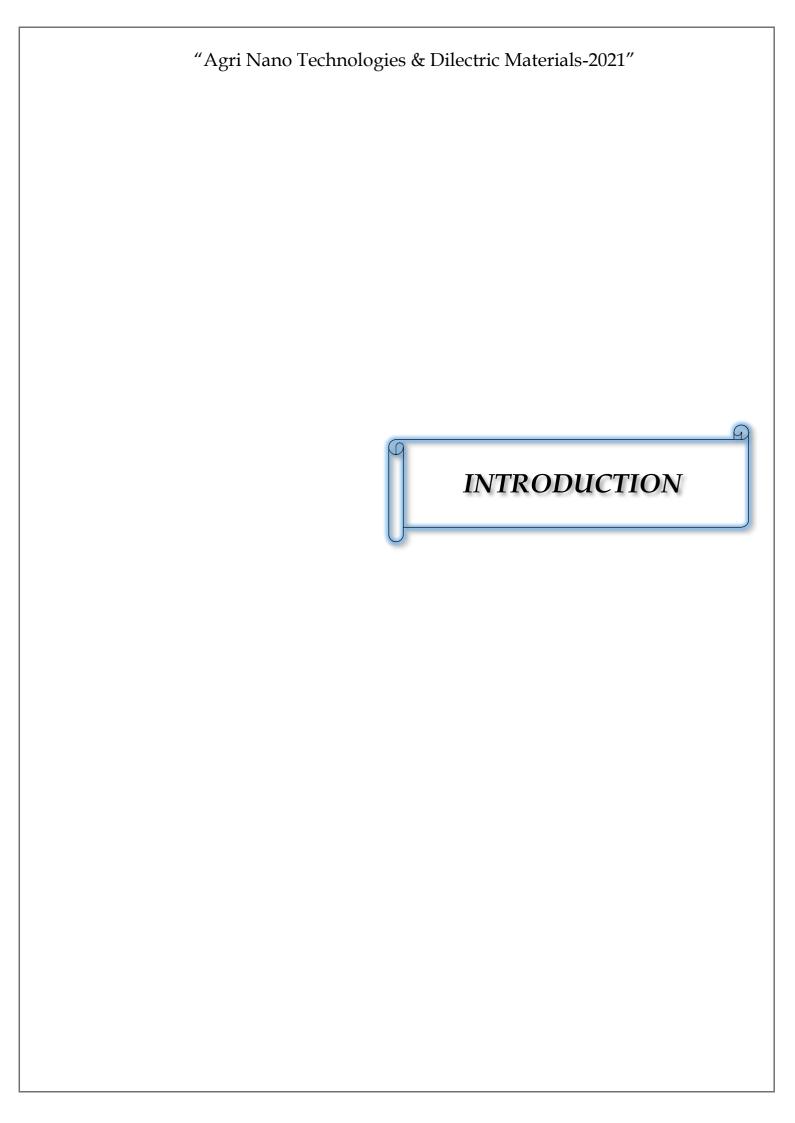
Convener: Dr. S. Rajyalakshmi

E-mail: srl.phy@aknu.edu.in



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Webinar Focus Introduction

Nanotechnology representing a new frontier in modern agriculture is anticipated to become a major thrust in near future by offering potential applications. This integrating approach, i.e., agrinanotechnology has great potential to cope with global challenges of food production/security, sustainability and climate change. However, despite the potential benefits of nanotechnology in agriculture so far, their relevance has not reached up to the field conditions. The elevating concerns about fate, transport, bioavailability, nanoparticles toxicity and inappropriateness of regulatory framework limit the complete acceptance and inclination to adopt nanotechnologies in agricultural sector.

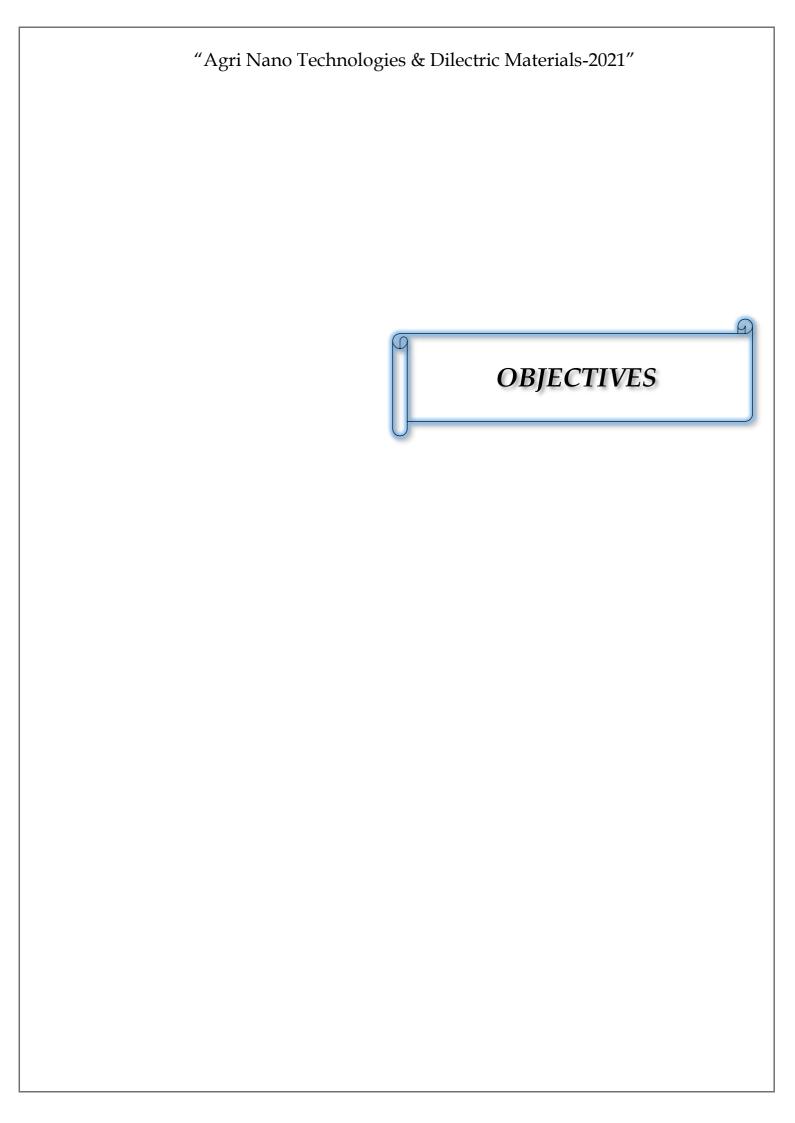
Integrated Approach of Agri-nanotechnology: Challenges and Future Trends

- (i) Mitigating risk assessment factors (responsible for fate, transport, behavior, bioavailability and toxicity) for alleviating the subsequent toxicity of nanoparticles.
- (ii)Optimizing permissible level of nanoparticles dose within the safety limits by performing dose dependent studies.

How helpful is nanotechnology in agriculture?

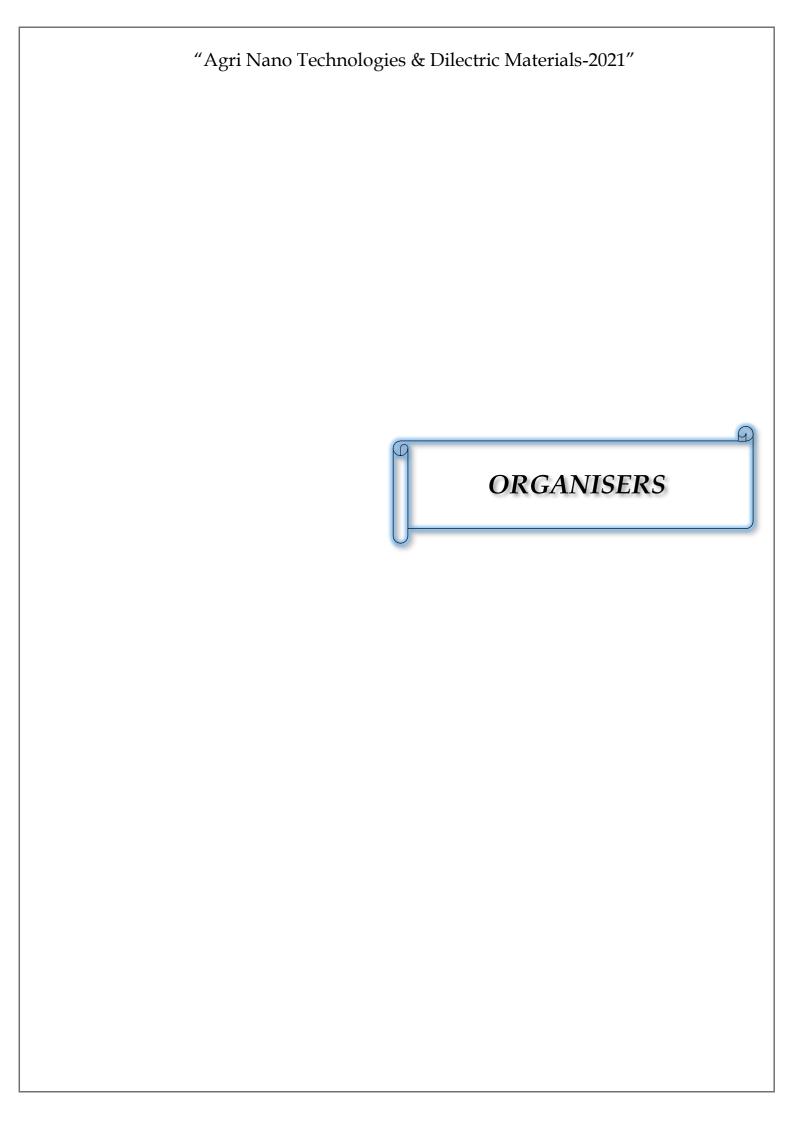
Nanotechnology has great potential, as it can enhance the quality of life through its applications in various fields like agriculture and the food system. Around the world it has become the future of any nation. But we must be very careful with any new technology to be introduced regarding its possible unforeseen related risks that may come through its positive potential. Carbon nanoparticles such as **graphene**, **graphene** oxide, carbon dots, and fullerenes, are used for improved seed germination. Some of the other nanoparticles that are used in agriculture are zinc oxide, copper oxide nanoparticles, and magnetic nanoparticles.

Dielectrics are the poor electric conductors (non-ideal insulator), most of the materials including living organisms and most agricultural products can conduct electric currents to some degree, but are still classified as dielectrics. Electrical characteristics of every material are different to each other which are dependent on its dielectric properties. These properties provides the valuable information which helps researchers and engineers to utilize these data into their design or for the purpose of material characterization or for monitoring process quality.



Objective

The objective of the National Webinar is to provide the in-depth knowledge of Nano Technology in the agriculture and dielectrics in the day wise applications. The Programme will focus to create a platform between Academia and Industry to fill the gap between research in laboratory and its industrial applications. Adopting realistic approach by designing the experiments in natural habitat and avoiding in vitro assays for accurate interpretation. Most importantly, translating environmental friendly and non-toxic biosynthesized nanoparticles from laboratory to field conditions for agricultural benefits.



Organisers

Chief Patron

Hon'ble Vice Chancellor, Prof Mokka Jagannadha Rao

Patron

Prof. T. Ashok

Dr. K. Ramaneswari

Registrar

Principal, UCST

Resource Persons

Dr. T. N. V. K. V. Prasad

Principal Scientist
Department of Soil Science
Achraya N.G.Ranga Agricultural University, Tirupathi

Dr. T. Vishwam

Associate Professor
Department Of Physics
Gitam School of Science
Hyderabad Campus

Convener

Dr. S. Rajyalakshmi

Co-conveners

Mrs. Y. Sushma Priya (Course Co-ordinator), Dept. of Physics, UCST, ANUR
Mr. N. S. Subba Rao, Dept. of Physics, UCST, ANUR
Mr. V. Rajasekhar, Dept. of Physics, UCST, ANUR

ABOUT VICECHANCELLOR



Prof. M. Jagannadha Rao
Vice Chancellor
Adikavi Nannaya University

About Prof. Mokka Jagannadha Rao, Vice Chancellor

I would like to share professional journey and achievements of our Prof. Mokka Jagannadha Rao who is a Vice Chancellor of Adikavi Nannaya University Rajamahendravarm.

He is known for his dynamic personality and his vision is to make this University as an Internationalised choice for education, research, training and consultancy.

Let Coming to his Educational Background:

He has pursued his Ph D in Coastal Geology, Andhra University, A.P. in the year 1985 and he also holds his Masters in Mineral Preparation & Geological Engineering from the University of Alaska, USA in the year 1995.

♣ His Core Specialisation areas include:

Coastal Geology, Deltas, Mineral Resources and Processing, Petroleum Exploration, Coal, Environmental Geology, Computer, Applications Groundwater, Remote Sensing and GIS, Natural materials, Earth's Evolution.

- **↓** Coming to his Administrative Positions in Andhra University, Visakhapatnam, AP:
- ➤ Since 2018-till date, he is a director of Information Management Centre.
- ➤ Since 2019 till date, he heads the Department of Geology and also a Dean for PG & Professional Examinations.
- Apart from that, he is also a Chairman, Board of Studies, Dept. of Geosciences, Ambedkar University, Srikakulam, AP, since 2012-till date.

Patent:

Title: An Inventive Model that explains the Genesis of Bay of Bengal and Arabian Sea, with the funding of NRDC, Government of India, New Delhi.

Research Outcome:

- ➤ He was awarded 29 PhD's and 08 were ongoing.
- ➤ He has guided 80 projects for MSc/Mtech
- ➤ 08 Research and consultancy projects
- ➤ His Publications include 76 journals, of which 30 were presented in National and International Seminars.

↓ Funded Projects: As A Principal Investigator

DOD, APMDC-DMRTUF, DST, UGC, MoES, ISRO

- ➤ He handled Major Consultancy Projects funded by ONGC.
- ➤ He conducted various National Seminars, Workshops and training Programs.
- ➤ 170 Google scholar citations with-hindex 8 and i10-index 3
- ➤ He has international collaborative tiles with Australia, USA.

Honours and appointments

- ➤ Member, Advisory Board on KG-PG Basin, ONGC, Chennai-2011-2014.
- Associate Editor, Indian Journal of Environment and Eco planning.
- ➤ Member, International Geological Correlation Group, National Working Group, Environmental Catastrophes.
- ➤ Member, NAAC Steering Committee.
- Management Board Member of a Number of Educational Institutions of AP and

Telangana.

- ➤ "Scientist of the year 2017", by National Environmental Science Academy (NESA), New Delhi.
- > "Dr. Sarvepalle Radha Krishnan Award, Best Academician of the year 2019", by Andhra University.
- Member, Expert Committee appointed by APPCB, Govt. of AP.

4 International Visits

He has visited the International Universities such as University of Alaska, Fairbanks, USA. and WashingtonStateUniversity,Pullman,Seattle,USA.





Prof. T. Ashok

Registrar

Adikavi Nannaya University

ABOUT PRINCIPAL



<u>Dr. K. Ramanswari</u>
<u>Principal, UCST</u>

<u>Adikavi Nannaya University</u>

About Dr. K. Ramaeswari, Principal

Dr. K. Ramaneswari assumed the office of the Principal on 23-01-2019. She joined the University on 10-05-2007 and is currently working as a Associate Professor of Zoology.

- ♣ She has 14 years of teaching and 18 years of tremendous research experience including post-doctoral studies.
- → Her responsibilities at the University include the development and revision of Curriculum by serving as a member on Board of Studies of various affiliated colleges of the University at the Graduate level and for Post Graduate level in the University.
- ♣ As a member of Academic Council, has been responsible for introduction of New courses required to fulfil the local needs of the region and also the industry sector of the Nation at large.
- ♣ She has been nominated on various administrative positions especially as Member Executive Council of The University and Member of Governing bodies of the affiliated colleges of The University, Head Depts. of Zoology, Aquaculture, Biotechnology and Biochemistry, Additional Director of Admissions and Chief Warden Womens' Hostel, besides also working as Member on different committees of the University.
- → By serving as an Advisor of the Placement, Training and Research Guidance Centre, provides on campus and off campus placements and also involved in outreach programs to the community especially through ALEAP, Govt of India.
- ♣ Her contributions till date have been recognized and State Government has bestowed the Best Teacher Award -2018.

ABOUT RESOURSE PERSON-1



Dr. T. VISHWAM

Associate Professor of Physics

GITAM UNIVERSITY-HYD CAMPUS

About Dr. T.Vishwam

- **Dr. Vishwam Talloju,** working as an Associate Professor, Department of Physics, GITAM UNIVERSITY-Hyderabad campus.
- He did his Ph.D in Physics from Department of Physics, Indian Institute of Technology-Madras.

His Areas of Research Interest

- Microwave Dielectric Studies of hydrogen bondedliquids
- Quantum Chemistry and Molecular polarizability calculation
- Liquid crystals

He have published more than 35 research papers in reputed International and National journals and presented the research output in International and National conferences.

Proceeding of International and National conference

6

External Funded Projects:

DST- ECR- 28 lakhs SERB- DST - 28 lakhs (Submitted)

Awards and Achievements

- Best paper award
- Subject Matter Expert (Physics)
- Best Teacher Award
- SAP Award of excellence
- Chosen as Associate Faculty
- Best paper and poster award
- Best Student award
- Best poet award

He is guiding Ph. D Students

Administrative details

- B. Sc/M.Sc. Science Exam Coordinator
- BoS committee member, Department of Physics, GITAM-Hyd Campus
- Anti-ragging and discipline committee member

He organized several conferences, symposium, etc.,

He is a member for several Professional bodies

ABOUT RESOURSE PERSON-2



Dr. T.N.V.K.V.Prasad

Principal Scientist

Department of Soil Science

Achraya N.G.Ranga Agricultural University, Tirupathi

About Dr. T. N. V. K. V. Prasad

Name	Dr T.N.V.K.V. PRASAD, PhD., ERF (Australia)		
Designation	Principal Scientist (Soil Science), Nanotechnology laboratory, Regional Agricultural Research Station, Acharya N G Ranga Agricultural University, Tirupati – 517502,		
Post Doctoral Research	 Endeavour Research Fellow (ERF) – University of South Australia, Australia -2010 – Nanotechnology University of Kentucky, Lexington, USA – 2011- Nanotechnology 		
Research interests	 Development of agriculturally beneficial nanoscale materials and study of their behaviour in agro-ecosystems including animal and human health. Development of customized nano biosensors for the early detection of biotic and abiotic stresses in plant system 		
External Funded Projects (Ongoing)	> ICAR, NASF – 1.2 crores		
	> DST NanoMission – 30 lacs		
	> DBT, Govt. of INDIA – 60 lacs		
Visiting scientist Assignments:	 Universiti Malaysia Kelantan, Malaysia-2016 Kansas State University, USA- 2013 Tuskegee University, USA – 2013 University of Florida, USA – 2013 Johns Hopkins University, USA-2013 		
Awards and Honors	 Received Endeavour Research Award 2010 from the Govt. of Australia – 2010 Selected for foreign training in nanotechnology in USA in 2011 by Indian Council of Agricultural Research, New Delhi, India Received prestigious Dr. A.V. Krishnaiah memorial gold medal award for outstanding researcher in agriculture 2013, ANGRAU, India Received AUS AID scholarship for attending Cleanup-2013 held at Melbourne, Australia-2013 Selected as high level delegate to visit Universiti Malaysia Kelantan to study the agricultural curriculum in UMK, Malaysia- 2016 Received prestigious Smt.Vallabhaneni Lakshmamma Gold medal (First person to receive this award) Received Australian Endeavour Awards Ambassador Award - 2018 from Australian High Commissioner to INDIA Received ASN-YSM Young Scientist award-2017 from Academy of Sciences, Malaysia Received Best Scientist Award – Agricultural Sciences – 70th Republic day celebrations, Chittoor, Andhra Pradesh Received Best Poster Award in Indo-Israel meeting on materials and Nanoscience- 2013 Received Best presentation award in FinSTA'14 held at SSSHL, Puttaparthi, A.P. – 2014 		
Achievements	 Coined the term "Phyconanotechnology" Introduced the concept of "Agrinanotechnology" (Application of nanotechnologies in agriculture and allied sciences) Established state-of-art nanotechnology laboratory at Institute of Frontier Technology, Regional Agricultural 		

	Research station, Tirupati, India	
Patents	03 (Filed / sanctioned)	
Rs / Genbank submissions	 New isolates from drinking water pipelines: 14 New isolates from groundnut growing soils: 10 	
Research publications (National / International) - Peers	 Publications (Peers): 190; Total no.of abstracts: 182; Popular articles: 12; Book chapters: 06 	
Students guidance	Ph.D : 04., M.Sc : 21	
Mentor	> National Post Doctoral Fellows :02 (Funded by DST-SERB)	
Conferences organized	> AGRINANO -2015, March 11-12, 2015	
	> AGRINANO - 2017, November 2-3, 2017	
	➤ COAN-2019 – 3 rd AgriNANO, 2019	
Society	> Founder Secretary to "Society of Agrinanotechnology"	



Brief report

The Department of Physics, University College of Science & Technology, Adikavi Nannaya University, Rajamahendravaram organised National Webinar on "Agri Nano Technologies & Dielectric Materials" This prestigious Webinar was inaugurated on August 4th 2021 at 10:30 am by Hon'ble Vice Chancellor Prof. Mokka Jagannadha Rao, Adikavi Nannaya University. Convener Remarks has given by the Convenor, Dr. S. Rajyalakshmi, Assistant Professor, Department of physics, UniversityCollege of Science & Tchnology, AKNU. The Principal *Dr. K. Ramaneswari*, UCST, AKNU has delivered the opening remarks of the program. T. Karthik Sai Ram (Alumni-2016-18 Batch), Vidyanjali Degree College, Kaikaluru, Krishna has introduced the Chief Patron, Prof. Mokka Jagannadha Rao. Hon'ble Vice Chancellor Prof. Mokka Jagannadha Rao, has given his inaugural address to the gathering. The First Technical session was started with an informative talk by Dr. T. Vishwam Associate Professor Department Of Physics, Gitam School of Science, Hyderabad Campus and introduction of Dr. T. Vishwam has given by Mrs. Poojitha, MSc (Final), Department of physics, UCST, AKNU. The second technical session was presented by *Dr. TNVKV* Prasad. Scientist, **Principal** of Soil **Department** Science Achraya N.G.Ranga Agricultural University, Tirupathi, before that introduction of *Dr. TNVKV Prasad* has given by N. S. S. L. Gayatri, MSc., (Final) UCST, ANUR. In these two sessions, queries were given by participants in Chat box and the resource persons answered at their end of the session. Concluding remarks was presented by *Dr. Y. Sushma Priya*, Course Coordinator, UCST, ANUR.

The Webinar received an overwhelming response from the faculty and the young research scientists across the country. It gives immense pleasure to share that the Departmenthas received 250 valuable responses and feedback from various Institutions/Universities of the Country.

"Agri Nano Technologies & Dilectric Materials-2021"		
INAGURAL ADDRESS		

Inuagural address by Hon'ble Vice Chancellor Prof. Mokka Jagannadha Rao

Nanotechnology representing a new frontier in modern agriculture is anticipated to become a major thrust in near future by offering potential applications. This integrating approach, i.e., agrinanotechnology has great potential to cope with global challenges of food production/security, sustainability and climate change. However, despite the potential benefits of nanotechnology in agriculture so far, their relevance has not reached up to the field conditions. The elevating concerns about fate, transport, bioavailability, nanoparticles toxicity and inappropriateness of regulatory framework limit the complete acceptance and inclination to adopt nanotechnologies in agricultural sector.

Integrated Approach of Agri-nanotechnology: Challenges and Future Trends

- (i) Mitigating risk assessment factors (responsible for fate, transport, behavior, bioavailability and toxicity) for alleviating the subsequent toxicity of nanoparticles.
- (ii)Optimizing permissible level of nanoparticles dose within the safety limits by performing dose dependent studies.
- (iii) Adopting realistic approach by designing the experiments in natural habitat and avoiding in vitro assays for accurate interpretation.
- (iv) Most importantly, translating environmental friendly and non-toxic biosynthesized nanoparticles from laboratory to field conditions for agricultural benefits.

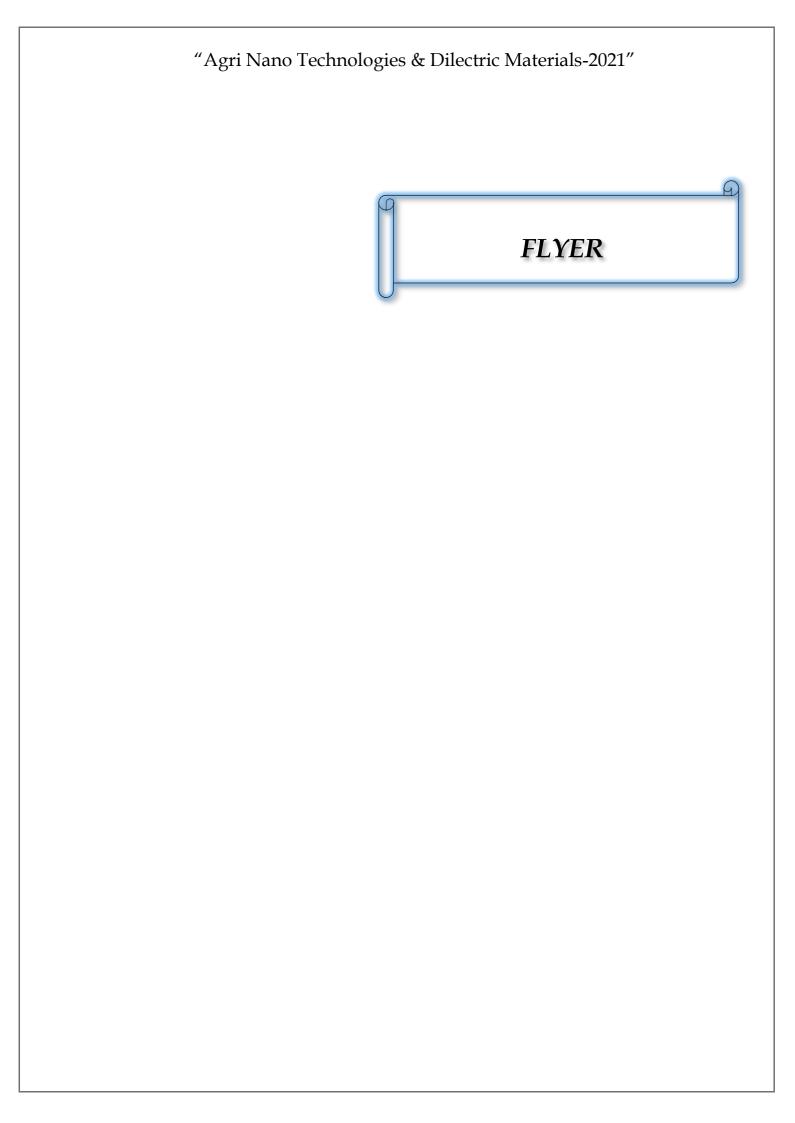
How helpful is nanotechnology in agriculture?

Nanotechnology has great potential, as it can enhance the quality of life through its applications in various fields like agriculture and the food system. Around the world it has become the future of any nation. But we must be very careful with any new technology to be introduced regarding its possible unforeseen related risks that may come through its positive potential. However, it is also critical for the future of a nation to produce a trained future workforce in nanotechnology. In this process, to inform the public at large about its advantages is the first step; it will result in a tremendous increase in interest and new applications in all the domains will be discovered. There is great potential in nano science and technology in the provision of state-of-the-art solutions for various challenges faced by agriculture and society today and in the future. Climate change, urbanization, sustainable use of natural resources and environmental issues like runoff and accumulation of pesticides and fertilizers are the hot issues for today's agriculture.

Carbon nanoparticles such as **graphene**, **graphene oxide**, carbon dots, and fullerenes, are used for improved seed germination. Some of the other nanoparticles that are used in agriculture are zinc oxide, copper oxide nanoparticles, and magnetic nanoparticles. Dielectrics are the poor electric conductors (non-ideal insulator), most of the materials including living organisms and most agricultural products can conduct electric currents to some degree, but are still classified as dielectrics. Electrical characteristics of every material are different to each other which are dependent on its dielectric properties. These properties provides the valuable information which helps researchers and engineers to utilize these data into their design or for the purpose of material characterization or for monitoring process quality.

Microwaves are electromagnetic radiation with wavelength ranging from 1 mm to 1 m in free space with a frequency from 300 GHz to 300 MHz, respectively. International agreements regulate the use of the different parts of the spectrum; the frequencies 915 MHz and 2.45 GHz are the most common among those dedicated to power applications for industrial, scientific and medical purposes.

Although microwaves have been firstly adopted for communications scope, an increasing attention to microwave heating applications has been gained since World War II. Reasons for this growing interest can be found in the peculiar mechanism for energy transfer: during microwave heating, energy is delivered directly to materials through molecular interactions with electromagnetic field via conversion of electrical field energy into thermal energy. This can allow unique benefits, such as high efficiency of energy conversion and shorter processing times, thus reductions in manufacturing costs thanks to energy saving. Moreover, other effects have been pointed out, such as the possibility to induce new structural properties to irradiate materials (development of new materials) and to apply novel strategies in chemical syntheses (green techniques). Crucial parameters in microwave heating are the dielectric properties of matter; they express the energy coupling of a material with electromagnetic microwave field and, thus, the heating feasibility. On the basis of dielectric properties, microwave devices (applicators) can be adopted in heating operations and optimized working protocols can be used.





"Agri Nano Technologies & Dilectric Materials-2021"		
PROGRAM SHEET		



ADIKAVI NANNAYA UNIVERSITY

ఆదికేవి నన్నయ విడ్వవిద్యాలయం RAJAMAI ENDRAVARAM, ANDHRA PRADESH INDIA - 523250

ISO 9001:2015 Certified

National Webinar

on

"Agri Nano Technologies and Dielectric materials"
4th August 2021, 10:00 am

Program

Welcome	Dr. S. Rajyalakshmi
	Dept. of Physics, UCST, ANUR
Oi Pl-	Dr. K. Ramaneswari
Opening Remarks	Principal.
	UCST. ANUR
16 1 D 1	,
Message by Registrar	Prof. T. Ashok
	Adikavi Nannaya university
Introduction of VC	T. Karthik Sai Ram
	(Alumni-2016-18 Batch)
	Vidyanjali Degree College, Kaikaluru, Krishna
Inaugural Address	Prof. Mokka Jagannadha Rao,
	Hon'ble Vice Chancellor, ANUR
Introduction of Dr. TNVKV Prasad	N. S. S. L. Gayatri
	MSc., (Final) UCST, ANUR
Speaker Talk	Dr. TNVKV Prasad
	Principal Scientist
	Department of Soil Science
	Achraya N.G.Ranga Agricultural University, Tirupathi
Introduction of Dr. T. Vishwam	Mr. V. Rajasekhar
	Dept. of Physics, UCST, ANUR
Speaker Talk	Dr. T. Vishwam
	Associate Professor
	Department Of Physics
	Gitam School of Science, Hyderabad Campus
Concluding Remarks	Dr. Y. Sushma Priya
	Course Coordinator, UCST, ANUR



"Dielectric Matrials & their characterization studies in the microwave frequency region"

Dr.T. Vishwam

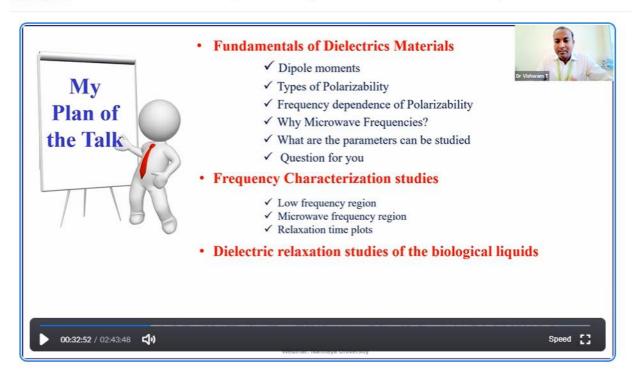
Abstract

Microwaves are electromagnetic radiation with wavelength ranging from 1 mm to 1 m in free space with a frequency from 300 GHz to 300 MHz, respectively. International agreements regulate the use of the different parts of the spectrum; the frequencies 915 MHz and 2.45 GHz are the most common among those dedicated to power applications for industrial, scientific and medical purposes. Although microwaves have been firstly adopted for communications scope, an increasing attention to microwave heating applications has been gained since World War II. Reasons for this growing interest can be found in the peculiar mechanism for energy transfer: during microwave heating, energy is delivered directly to materials through molecular interactions with electromagnetic field via conversion of electrical field energy into thermal energy.

Full Paper

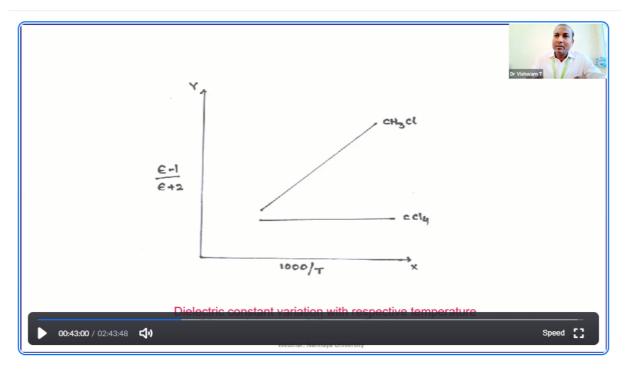
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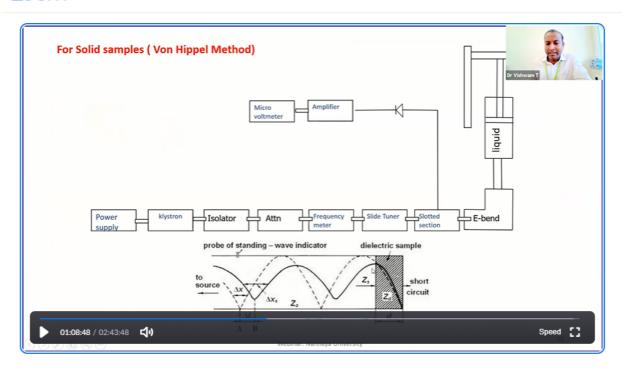
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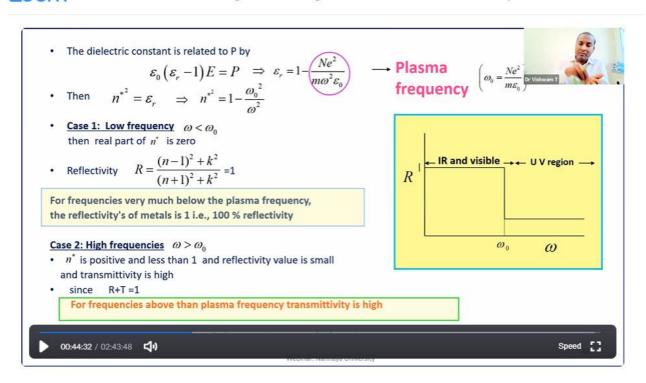
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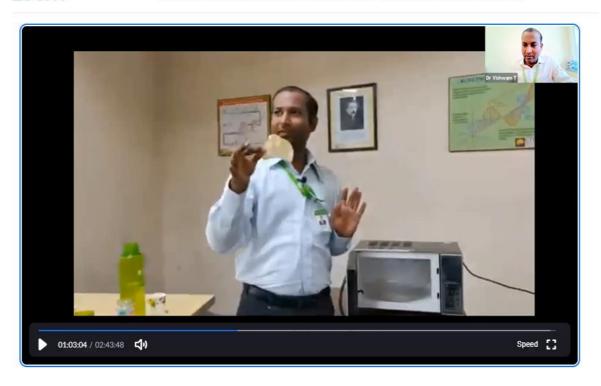
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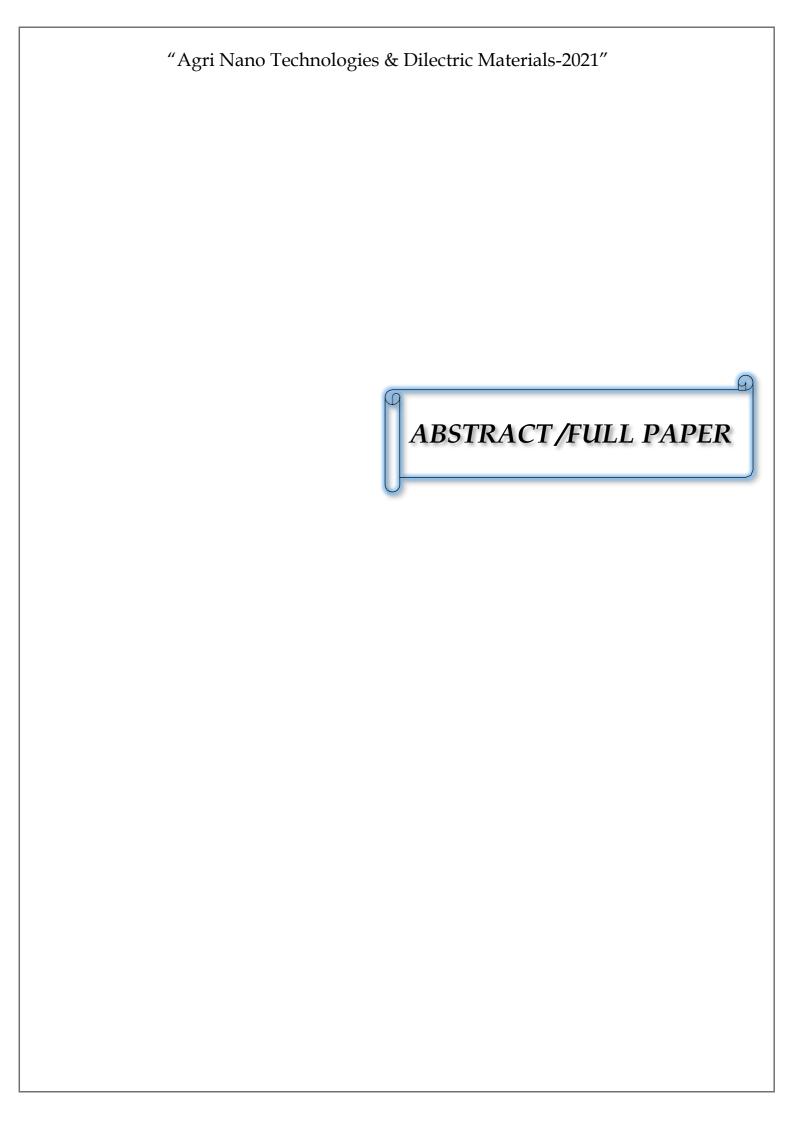
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"Agrinano Technologies"

Dr. T. N. V. K. V. Parsad

Abstract

The integrating approach, i.e., agri-nanotechnology has great potential to cope with global challenges of food production/security, sustainability and climate change. However, despite the potential benefits of nanotechnology in agriculture so far, their relevance has not reached up to the field conditions. The elevating concerns about fate, transport, bioavailability, nanoparticles toxicity and inappropriateness of regulatory framework limit the complete acceptance.

Full Paper

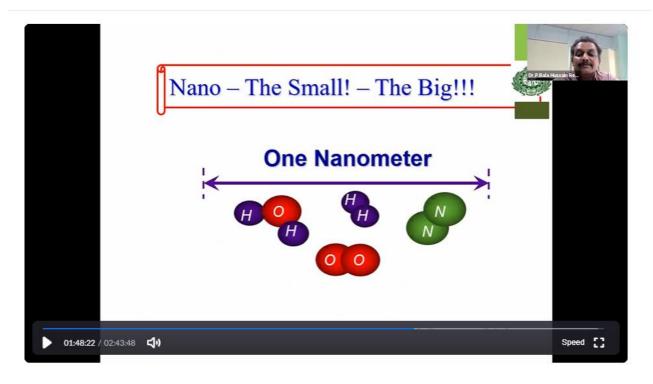
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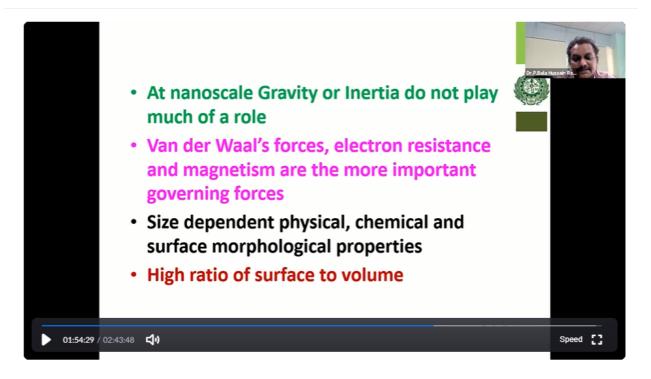
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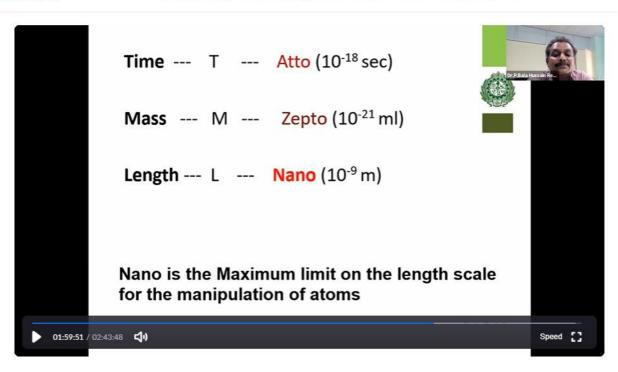


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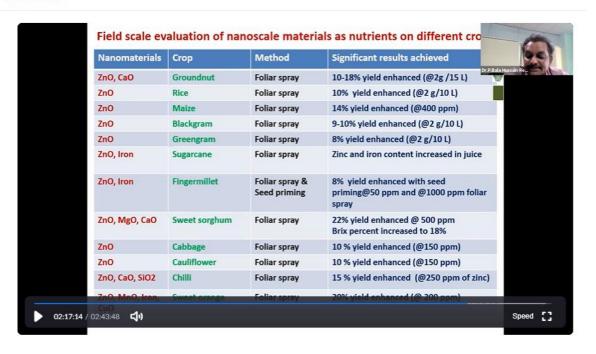


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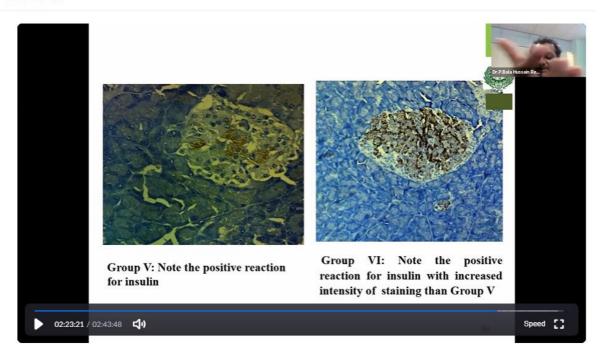


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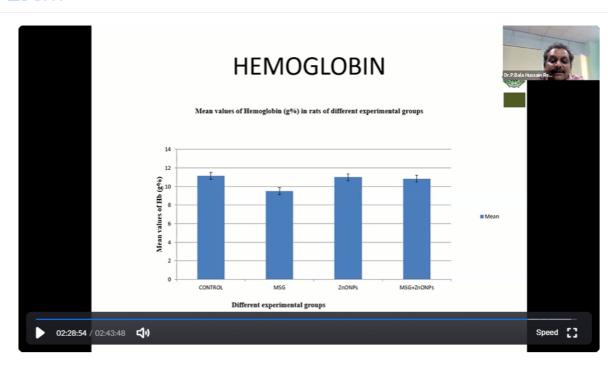


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zoom



zoom

Webinar on "Agri-nanotechnologies and Dielectr... - Shared screen with speaker view



zoom



"Agri Nano Technologies & Dilectric Materials-2021"			
A			
PARTICIPANTS LIST			

List of Participants:

The number of participants for registrations was 225 from different organizations.

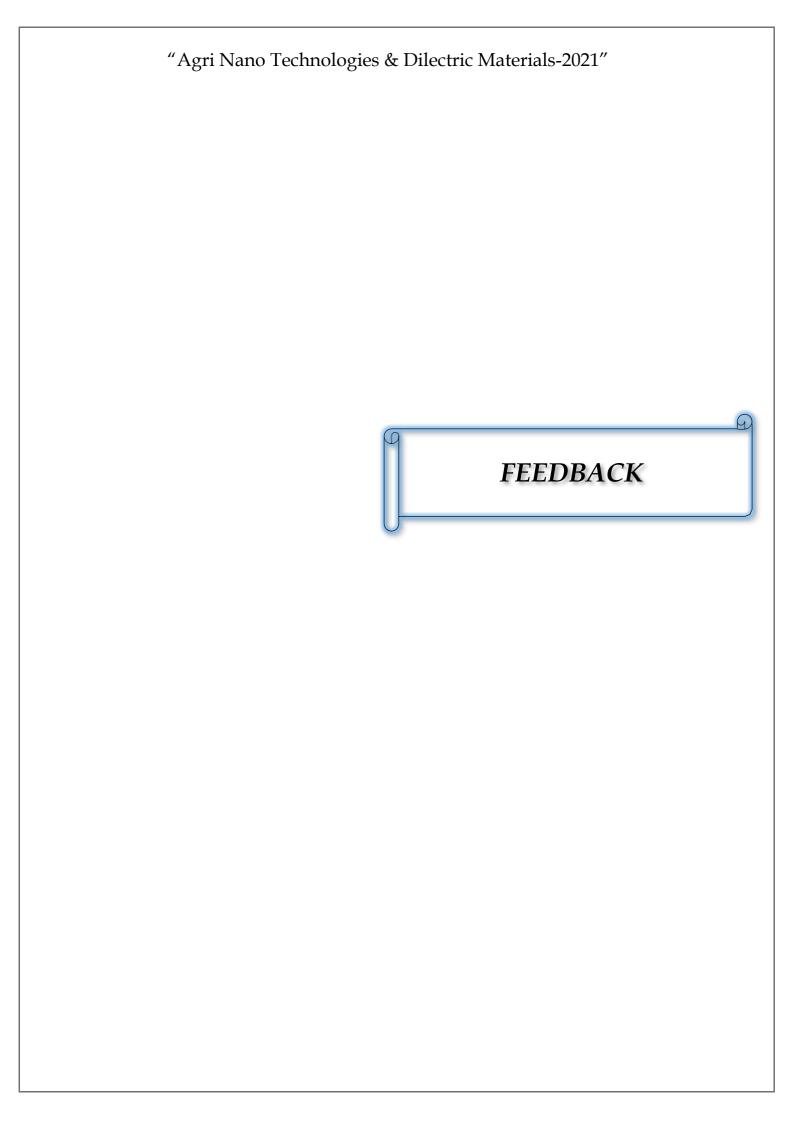
S.No				
1	Full Name	Organization		
	D.B.N. Murthy	MBA		
2	Dinesh Gopal Dommeti	Adikavi Nannaya University		
3	Dr Subhan Ali MD	Rayalaseema University Kurnool		
	Dr J MANJUNATH	ANGRAU		
5	KURUVA NAGARAJU	S V AGRICULTURAL COLLEGE TIRUPATI CHITTOOR DISTRICT ANDHRA PRADESH STATE INDIA		
6	Y Sandhya Rani	Agricultural Research Station, Vizianagaram		
7	K R.Tagore	Agricultural Research Station (ANGRAU), Perumallapalle, Tirupati-517 505 Chittor Dt., A.P.		
8	Meduri Singa Rao	ANGRAU, (Retd)		
9	Hema Kandru	Acharya N.G. Ranga Agricultural University, Lam,Guntur		
10	DASARI GOPAL	Acharya NG Ranga Agricultural University, Guntur		
11	K. Phani Kumar	ANGRAU		
12	Sujatha vemana	Agricultural research station peddapuram		
13	P.MAHESWARA REDDY	RARS, TIRUPATI, ANGRAU		
14	Dr. I.Paramasiva	Agricultural research station		
15	Dr. Koneru Lakshman	Agricultural College, Bapatla -ANGRAU		
16	ADHIKARI PRASANTHI	A.N.G.R.A.U.		
17	Dr. B. VAJANTHA	Agricultural Research Station, Perumallapalle, ANGRAU, Andhra Pradesh		
18	Pampana Hema Durga Jyothi	Adikavi Nannaya University		
19	Yarra vijaya manga lakshmi	Adikavi nannaya university		
20	Dr. K JYOTHI	PR Govt. College (A) Kakinada		
21	GORRELA SAI DURGA PRASAD	ADIKAVI NANNAYA UNIVERSITY		
22	NAGAM PAVANKUMAR	Srichaitanya junior college		
23	MUNAKALA SUSHMAREDDI	Dr. B.R. Ambedkar University		
24	B.Vijaya Bharatha Lakshmi	Smt kandukuri Rajyalakshmi College for Women		
25	C V PRASAD			
26	NALLA.KRISHNA VEERA SWAMI NEERAJA	S K R COLLEGE FOR WOMEN, RAJAHMUNDRY ADI KAVI NANNAYA UNIVERSITY		
27	Vanacharla Aswani Satya Sree	Adikavi Nannaya University		

28	BETHA VEERA VAMSI KRISHNA	Adikavi Nannaya University Campus, Tadepalligudem			
29	Rayudu.Satya Sravani	Adikavi Nannaya University			
30	KALEPU V MALLIKARJUNA VARA	- Admari Natificia de Cristoloria			
	KUMAR	ADIKAVI NANNAYA UNIVERSITY			
31	T N KAVITHA	Sri Chandrasekharendra Saraswathi viswa Mahavidyalaya			
32	G. L. Naga Sudha	K.G.R.L PG College (A), Bhimavaram			
33	Lakshmi latha kondeti	Smt. Jastibullemmai degree college,rjy			
34	SAMUEL TALARI				
35	Komali.Amrutha karuna	GMR Institute of Technology, Rajam			
36	NEMALA SRINU	Smt.jasti bullemmai degree college			
37	G. A. Kiran Kumar	Adikavi Nannayya University			
	G. A. Kilan Kumai	Hanna college of Education			
38	CEDDA CATVANNADAVANA	ADIKAVINANNAYA UNIVERSITY			
20	GEDDA SATYANNARAYANA	CAMPUS, TADEPALLIGUDEM			
39	Dr.Ch.V.Padma Rao	Adikavi Nannaya University			
40	Gayathri.kandhukuri	AKNU Campus Tadepalligudem			
41	P Praveen Siva Ram	Tirumala jr college			
42	KANCHARLA AJAY KUMAR	GDC AVANIGADDA			
43	Teki.Hema Sai Sri	Smt.Jasti Bullemmai women's college			
44	Chalumuri. Swathi	Jasti bullemmai degree college			
45	Deviprasanna.midde	V.S.M			
46	Darla. Mani Gayathri	Smt.Jastibullamai degree college			
47	Mamidi rani	Student			
48	SURAMPUDI.venkata sai poojitha	SMT.Jasti bullemmai degree college			
49	Varagogula Jyothsna	Smt.Jasthibullamai Degree College			
50	Sekhar pandrinki	Adikavi nannaya university Tadepalli Gudam			
51	S.Anjal Queen	Mother Teresa Women's University			
52	R.Geetha madhuri	Smt.jasthi bullamie women's degree college			
53	Kudupudi Uma maheswari	Smt .jastibullamai degree college			
54	Mr.V.MAARISAMY	KALVI MATRIC HR.SEC.SCHOOL			
55	P.Balaji	Muthurangam government arts college			
56	Muthabathula Prajna	Adikavi Nannaya University			
57	Dr. KALIDINDI V S N RAJU	Adikavi Nannaya University, Rajamundry, E.G.Dt.,A.P.			
58	P.kusuma datta Lakshmi	Adhi kavi nannayya University			
59	PILLELLI S KISHORE KUMAR	Hanna college of Education			
60	Aarthi G	K.Ramakrishnan College of Engineering			
61	Nallajani Devika	Set. Jasti bullemmai Degree college			
62	Dr. A.VENKATRAJ	Dr.N.G.P. INSTITUTE OF TECHNOLOGY			
63	Koppisetti. Bhavana	Smt. Jasthi bulleamma degree college			
64	P.S.R.VIDYASAGAR	ADIKAVI NANNAYA UNIVERSITY			
65	Mr.A.Ubaithulla Baig	C.Abdul Hakeem College of Engineering and Technology			
66	SIRIPADAM REVATHI	Jasti Bullemmai Degree college			
67	Umamaheswari Amarthi	Vs laxmi womens college			
68	N Maramu	Kakatiya institute of technology and science warangal			
69	Pragada sridevi	Adikavi nannaya university			
70	Oduri Sri Satya	Adikavi Nannaya University			
71	Dr VVMUPHANEENDRA	ADIKAVI NANNAYA UNIVERSITY			
72	Nakka Sandhya Sri supriya	Jasthi bulliammai women's college			
73	VINAKOTI RAMAKRISHNA	Adikavi Nannaya University, Rajahmundry.			
74	Mrs.G.GOWRI SHANMUGAPRIYA	VRS COLLEGE OF ENGINEERING AND TECHNOLOGY			
75	Dr E V SURESH KUMAR				
76		SVKP COLLEGE MARKAPUR			
77	Dr P.Saraswathi.	SDGSCollege.Hindupur			
//	DR.MYLABATTULA RAMAKRISHNA	SMBTAV&SN DEGREE COLLEGE, VEERAVASARAM, W.G.DT.			
70					
78	K.Aruna Kumari	Government degree college for women (A) Guntur			
79	N.Raja	Anjalai Ammal - Mahalingam Engineering College			
80	REDDI SALINI	Government degree college seethampeta			
81	Grande Kusuma Priya	Government College (A) Anantapur			
82	Dr J V V N KESAVA RAO	Government College Autonomous Ananthapur			
83	Nammi anusha	M.s.c			

84	K.Subrahmanya Sarma	MVN JS & RVR College, Malikipuram			
85	VADLAMUDI HANUMANTHARAO	Government Degree College, Ramachandrapuram			
86	B.Padmavathi Bai	S.N.S.R.Degree College, Velgode, Kurnool(Dt)			
87	SRINIDHI BHOGADI	K.G.R.L. COLLEGE			
88	V. MEENAKUMARI				
		guest faculty			
89	VOBHILINENI SRINIVASA RAO	Government Degree College, Ramachandrapuram			
90	Kch Ganeswari	College			
91	Kammili Srilekha	Ch.S.D.St.Theresa's College for Women (A), Eluru			
92	Dr.A.Nirmala Jyothsna	Ch.S.D.St.Theresas College for Women (A),Eluru			
93	Goteti Naga Satya Neelima	Ch.S.D.St.Theresa's College For Women (A), Eluru			
94	Dr Chilaka Anitha	Government College for women(A),Guntur			
95	Dr CH MURALI KRISHNA	Adikavi Nannaya University			
96	Dr. K. SUDHAKAR	Government Degree College Tiruvuru			
97	Surarapu Devi Likshmi	Mpcs			
98	Mrs.Pujari.Anusha	Ch.S.D.St Theresa's college for women(A), Eluru			
99	J CHAĹAM PRASAD	GOVERNMENT DEGREE COLLEGE TIRUVURU			
100	Abdul Sumayya Mubeena	Aknu campus Tadepalligudem			
101	M.REVATHY	Mother Teresa Women's University			
102	D.Geethja	Madras Institute of Technology, Chennai-44			
103	Ramajothi Jayaraman	Anna University			
103	Namajoun Jayaraman	UNIVERSITY COLLEGE OF ENGINEERING BIT			
104	RAMVINOBA JS	CAMPUS ANNA UNIVERSITY TIRUCHIRAPPALLI			
105					
105	M VISHNUWARAN	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY			
106	Dr. Jagadish Kumar G.	SRM IST			
107	Kan al an Ma	University College of Engineering-Dindigul (A Constituent			
100	Krishnakumar Muthusamy	College of Anna University Chennai)			
108	HELEN SELVI M.	Chidabaram pillai college for women, Tiruchirapalli.			
109	Mr. S. ALAGURAJA	THIAGARAJAR COLLEGE, MADURAI-625009			
110	Indhu.A.R	PSG-IAS			
111	Dr.K.Parimala	Nehru Memorial College at Trichy			
112	Dr. M. REVATHI	The Madura College, Madurai			
113	G.ELANKUMARAN	Thiru.Vi.Ka Govt Arts College,Thiruvarur.			
114		Avinashilingam Institute for Home Science and Higher			
	V.Sasirekha	Education for Women			
115	Dr S Sundaram	Nehru Institute of Technology			
116	Z. Nawas Sherif	Madurai Kamaraj University			
117	Dr. A. J. NAGAJOTHI	Mangarayarkarasi College of Arts and Science for Women			
118	N.THIRUMOORTHY	B.Sc.,			
119	Dr.N.NARAYANA MOORTHY	Saraswathi Narayanan College			
120	PRAVINRAJ SELVARAJ	National Changhua University of Education-Taiwan.			
120					
	Medisetti lakshmi sathvika	pragati degree college			
122	Dr.Girish Joshi	ICT MARJ			
123	Dr. T. Thilagavathi	Government college for women (A), Kumbakonam			
124	Mr. RAMESH. P	Nehru Memorial College, Puthanampatti			
125	S.Rama krishnan	The Maduracollege			
126	.TAMILVEERAPANDIYAN	PERIYAR UNIVERSITY, SALEM -11			
127	Jyothi K R	RYM Engineering College Ballari			
128	Akhin VP	College of engineering Guindy			
129	B. Nisha	MIT Campus, Anna Universiy, Chennai			
130	Sindhu Tilak	Siddaganga Institute of Technology			
131	Vishwanath T	Mangalore University			
132	PROF. PORIA KISHORKUMAR C	VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT			
133	Pavithra V Ravi	Sri Ramakrishna Engineering College			
134	Mr.K.BHARANIDHARAN	VIT CHENNAI			
135	Dr.M.Rajkumar	PSG College of Arts and Science			
136	SUDHARSANA CHINNAMAYAN	MADURAI KAMARAJ UNIVERSITY			
137	R. UMADEVI				
1.)/	IN. UIVIADE VI	Aditanar College of Arts and Science, Tiruchendur			
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138 139	A. ANTONY CHRISTIAN RAJA M.PRAKASH	THE M D T HINDU COLLEGE, TIRUNELVELI SRM IST RAMAPURAM			

140	steffi Alexander	Sri ramakrishna engineering college			
141	Dr.K.PRABHA	Mother Teresa Women's University, Kodaikanal			
142	Indhumathi s	Sri rRamakrishna Engineering College			
143	Yuvaraja Raji	University of Madras			
144	Thrisha K	Ngm College			
145					
	Dr.S.SASIKALA	Vivekananda college of arts and science for women, sirkali			
146	S.SASIKALA	Government Arts College, Tiruvannamalai			
147	Gowsalya V	Research Scholar			
148	Dr. EUNICE JERUSHA	R. M. D. ENGINEERING COLLEGE, KAVARAIPETTAI			
149	Ms. S.PUSHPALATHA	Nehru Memorial College(Autonomous),Puthanampatti-07			
150	SELVAKUMAR	DR.JAKIR HUSSAIN COLLEGE			
151	M.Kumaresan	Karpagam Academy of Higher Education			
152	Mohan Kumar Satyavarapu	Government Degree College, Ravulapalem			
153	Dr. R. Ramamoorthy	FC&RI, Tamil Nadu Agricultural University, Mettupalayam			
154	Sivakami G	Govt Arts College, Karur			
155	SAI SRI LAKSHMI GAYATRI				
	NAGULAPALLI	ADIKAVI NANNAYA UNIVERSITY			
156	T. BALU	Aditanar College of Arts and Science			
157	M.Anchana	Marudhar Kesari Jain College for Women, Vaniyambadi			
158	K P RAGHAVENDRA	MallaReddy Engineering College-Autonomous			
159	Prasad Tnvkv	ANGRAU			
160	Indhu Navetha.C	Sarah Tucker College			
161	SIVAPRAKASH S				
162	B V Rama	M.Sc			
		Au Aditive Engineering College (A) Koldingdo			
163	Dr. B. Vikram Babu	Aditya Engineering College (A), Kakinada			
164	DrMVKMehar	PRGovt.College(A),kakinada			
165	Dr. Suneetha Rani Jupudi	P. B. Siddhartha College of Arts&Science, Vijayawada			
166	PRAVEENA.D	SRM Valliammai Engineering College			
167	Dr. A. Jegatha christy	Jayaraj annapackiam college for women Periyakulam			
168	Dr. SUBBARAO MATHANGI	Dr. B.R. Ambedkar University			
169	Dr.B.Helina	St.Xavier's College, Palayamkottai-2.			
170	E.Jegalakshmi	Mother Teresa Women's University, Kodaikanal			
171	Kannan M R	SRM Institute of Science and Technology			
172	Pallepamu Tirupathi Rao	Adhikavi nannaya University rajamahendravaram			
173	SHIVAPRASAD N	Sri Jayachamarajendra College of Engineering, JSSSTU			
174	DrV.Dharmalingam	Mahendra Engineering College			
175	Dr. GANAPATHI RAO GAJULA	Sree Vidyanikethan Engineering College			
176	N.B.MERCY EBEN	Sarah Tucker College			
177	K SANTOSH	CHRIST University			
178	PRABHAKARAN C	ANNA UNIVERSITY			
179		LOYOLA COLLEGE			
	MATHARASI A				
180	Naveen Kumar K	V.S.K P.G Courses.Bhimavaram			
181	D Vijayalakshmi	Anna University			
182	Anbazhakan K	Bannari Amman institute of Technology, Sathyamangalam			
183	CHINNADHURAI.S	Bwda Arts & Science College			
184	K. Vijaya Lakshmi	Govt. College (A), Anantapuramu			
185	Dr.N.S.Minimala	Saraswathi Narayanan College, perungudi, Madurai-22			
186	surya selvaraj	srmist			
187	Piyushkumar Pravinsinh Rajput	Sardar Patel University, Vallabh Vidyanagar			
188	Vaishnavi J Darji	Sardar Patel Univeristy			
189	Dr. S. Fathhoor Rabbani	C. Abdul Hakeem College, Melvisharam			
190	Anitta	Alagappa University			
191	Mamidisetti Gangadhara Rao	Sri Surya Degree College			
192	Dr.V.RAGAVENDRAN	SCSVMV DEEMED UNIVERSITY			
193	Dr. S. Karpagavalli	Govindammal Aditanar College for Women, Tiruchendur			
194	JINITHA C G	Holy Cross College (Autonomous), Nagercoil - 629004			
195	0	INSTITUTE OF CHEMICAL TECHNOLOGY,ICT-			
193	JAYANTA VISHNU BHARATI	IOCB,BHUBANESWAR,ODISHA			
106					
196	Dr. P. MANIKANDAN	Krishnasamy College of Engineering and Technology,			

		Cuddalore		
197	Mr.B. SURENDAR	SRM institute of science and technology		
198	N. Suresh	Sri Vidya Mandir Arts and Science		
199	SHIVPAL YADAV	University of Allahabad		
200	CHIVI AL TABAV	AVINASHILINGAM INSITITUTE FOR HOME SCIENCE		
200	R.SELVAPRIYA	AND HIGHER EDUCATION FOR WOMEN		
201	THOUSE THE THE THE THE THE THE THE THE THE TH	NATIONAL CHANGHUA UNIVERSITY OF EDUCATION		
201	VINOTHKUMAR LOURDHUSAMY	TAIWAN		
202	Mrs. M. MUTHUPRIYA	Govindammal Aditanar College For Women, Tiruchendur		
203	Kutafale Puja Dhuraji	CSIR-NGRI,Uppal Road Hyderabad.		
204	Dr. J.N. KIRAN	VFSTR DEEMED TO BE UNIVERSITY		
205	AJITH A	ANNAMALAI UNIVERSITY		
206	Dr. P. Maheswari	VISTAS		
207	SUMATHI P	St.Antony's College of Arts and Sciences for Women		
208	P. Arockia Michael Mercy	Arulanandar college		
209	ARUN RAJ R S	BISHOP MOORE COLLEGE, MAVELIKARA		
210	Aruna Joseph	Bishop Moore college		
211	J.PRABHA	Anna University		
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	Dr. Kotla Revathi	Adikavi Nannaya University		
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	P.Sai Madhuri	Good		
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215	BEERAM SIVA KRISHNA	AdiKavi Nannayya University		
215	Nodbirok	Cri Domokrishno Engineering college		
216	Nadhiya k	Sri Ramakrishna Engineering college		
216	SUNKARA NAGENDRA KISHORE	Spruha Psychology Alumni Association		
217	SONNAINA NAGENDINA NISITONE	Spruna Psychology Alumini Association		
217	RAYUDU SURYA SUNDAR	ZPP High School SAMPATHNAGARAM		
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	M V RAMAKANTH	APSWREIS, AMARAVATHI		
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	Selvarajan P	Aditanar College of Arts and Science, Tiruchendur		
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	SESETTI ANIL KUMAR	Zphs		
222				
222	Santha kumar	Klr degree & Pg college palvoncha		
223	CIVA KDICHNIA DEEDAM	KLD COLLECE OF ENCINEEDING AND TECHNOLOGY		
224	SIVA KRISHNA BEERAM	KLR COLLEGE OF ENGINEERING AND TECHNOLOGY MALLAREDDY ENGINEERING COLLEGE		
224	P VAMSIKRISHNA	(AUTONOMOUS)		
225	F VAIVIOINTIONA	(AUTONOMOUS)		
223	Chowdary Aswini	KGRL PG College(A), Bhimavaram		
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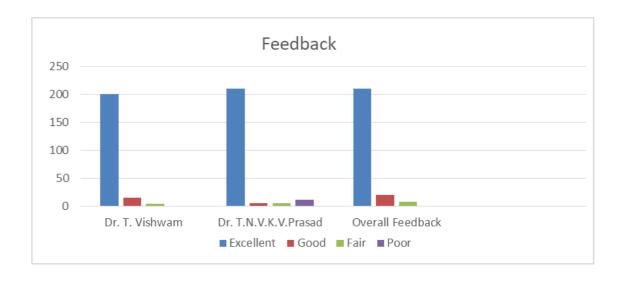
Feedback

As the feedback form is linked with the automatic generation of e-Certificates, Participantswho faced overlapping issues in their certificates, submitted the form again.

So, the responses were finally 220

How do we find the content of the session?

FEEDBACK	EXCELLEN T	GOO D	FAIR	POO R
DR. T. Vishwam	20	15	04	0
	0			1
Dr. T.N.V.K.V. Prasad	21	05	05	0
	0			0
OVERALL	21	20	08	0
FEEDBACK	0			1







ADIKAVI NANNAYA UNIVERSITY RAJAMAHENDRAVARAM, E.G. Dist. A.P. INDIA DEPARTMENT OF PHYSICS

CERTIFICATE

Dr. S.Rajya Lakshmi
Convener
Depatment of Physics
ANUR

Dr. K.Ramaneswari
Principal, UCST
ANUR

Prof. T. Ashok
Registrar
ANUR

<u>Photo Gallery</u> <u>Brochure Release</u>



Convenor, Dr. S. RAJYALAKSHMI Message:

zoom



Opening Rmarks by DR. K. Pamanswari, Principal UCST, AKNU

zoom

Webinar on "Agri-nanotechnologies and Dielectr... - Shared screen with speaker view



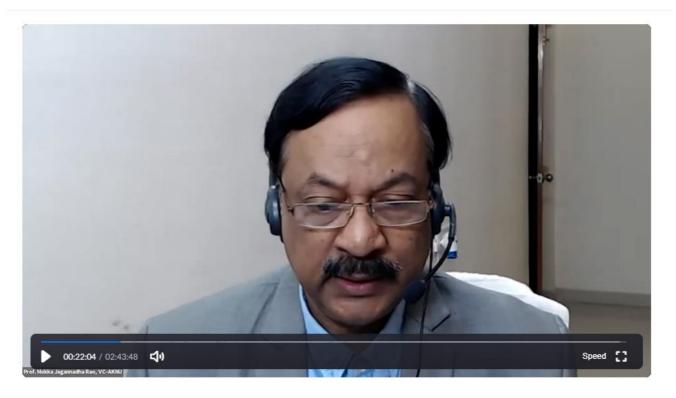
Introduction of Chief Guest, Prof. Mokka Jagannadha Rao, Vice chancellor by T. Karthik Sai Ram, Alumni-Dept. of Physics, AKNU



Chief Guest, PROF.M. JAGANNADHA RAO'S Message:

zoom

Webinar on "Agri-nanotechnologies and Dielectr... - Shared screen with speaker view



Introduction of R
source Person, Dr. G. Ramalingam by Dr. S. Rajyalakshmi, Dept. of Physics,
 \mathbf{AKNU}

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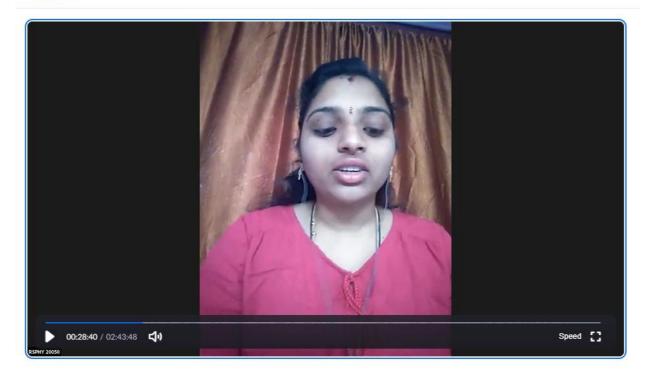
Webinar on "Agri-nanotechnologies and Dielectr... $\,$ - Shared screen with speaker view



Introduction of Resource Person, Dr. T. Visham by Poojitha, II MSc Physics, Dept. of Physics, AKNU

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Webinar on "Agri-nanotechnologies and Dielectr... - Shared screen with speaker view



Presentation of the Resource Person Dr. T. Vishwam during the

session:

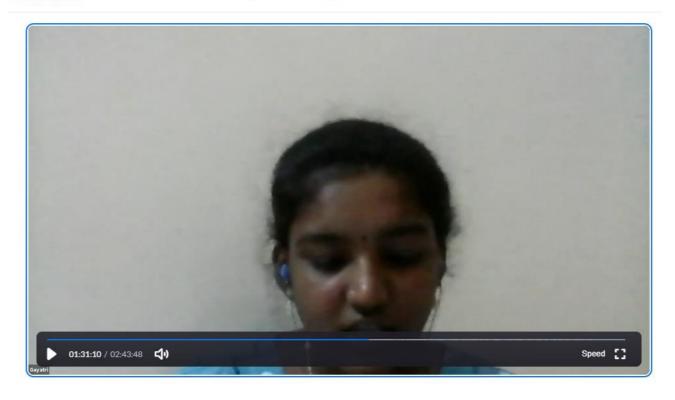
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Webinar on "Agri-nanotechnologies and Dielectr... - Shared screen with speaker view



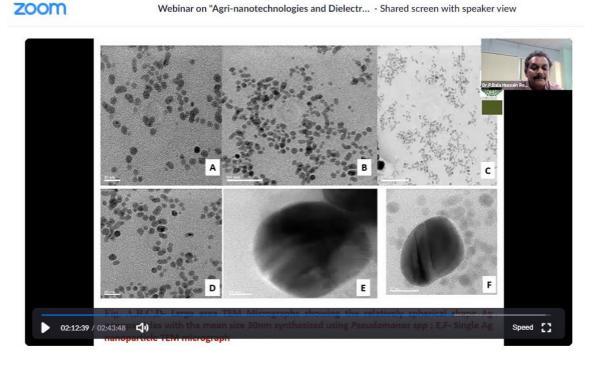
Introduction of Resource Person, Dr. T.N.V.K.V.Prasad by N.S.S.L.Gayathri, II MSc-Dept. of Physics, AKNU

zoom



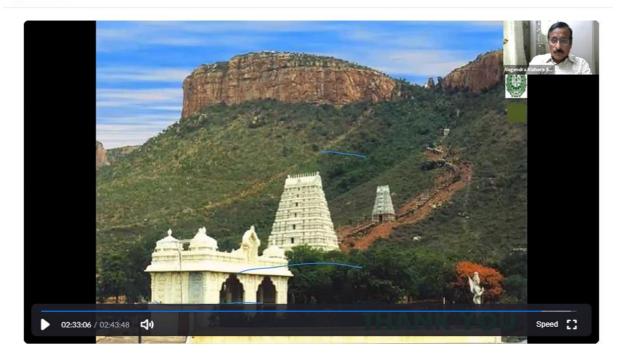
Presentation of the Resource Person Dr. T.N.V.K.V.Prasad, during the session:

ession:



Dr. S. Nagendra Kishore, President, Spruha Alumni Association.

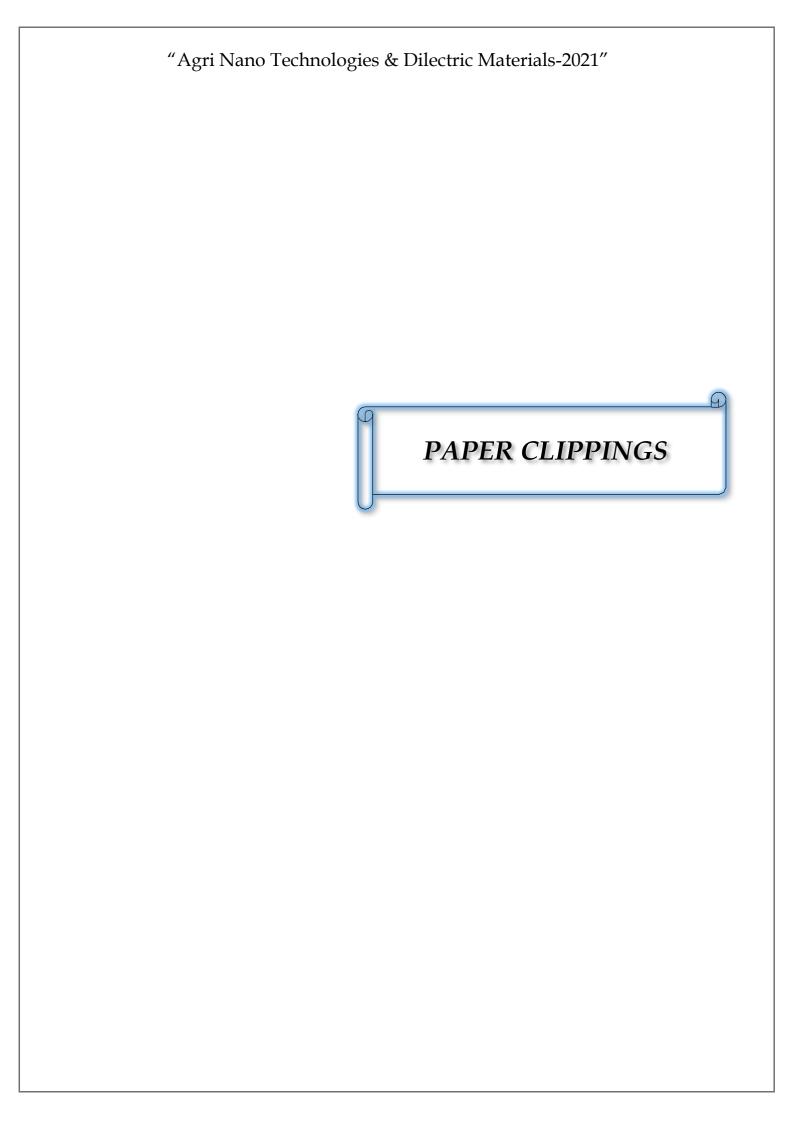
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Concluding Remarks by Dr. Y. sushma Priya, Assistant Professor, Department of Physics, AKNU

zoom





SCIENCE OF FUTURE

AKNU V-C spells out role, scope of nanotech

EXPRESS NEWS SERVICE

@ Rajamahendravaram

NANOTECHNOLOGY is the science of the future. It will dominate the world in the coming decade, Adi Kavi Nannaya University Vice-Chancellor Prof Mokka Jagannatha Rao said.

Inaugurating a national webinar on 'Agri Nanotechnologies & Dielectric Materials', organised by AKNU Department of Physics, he elaborated the scope, and rapid development of Nanotechnology and various applications.

(

Prof Rao explained that Advanced Nanotechnology applications will play a significant role in a gamut of sectors, including environment and agriculture.

Emphasising the scope of research, he indicated about

the collaborative programmes being taken up by the AKNU with top notch universities in India and abroad.

Resource persons-Acharya NG Ranga Agricultural University, Tirupati, principal scientist Dr TNVKV Prasad and Dr T Viswam of Gitam

School of Sciences, Hyderabad-enthralled the audience with their expert presentation on nanotechnology.

Registrar T Ashok, College of Science principal Dr K Ramneswari, webinar conver or Dr S Rajya Lakshmi, co convenors Dr Sushma Priya, V Raja Sekhar, Physics deparment alumni Khartik, M Sc final-year students Pujitha, Gayathri and Spruha Psychology Alumni Association president Sunkara Nagendra Kishore among others also

ఎన్ఎంఆర్ స్పెక్ట్రోస్మాపీతో అతి సూక్ష్మ పదార్థాల నిర్దారణ



బ్రోచర్ ఆవిష్కరిస్తున్న ఉపకులపతి జగన్నాధరావు

దివాన్చెరువు, జూలై 27: రసాయనశాస్త్రంలో ఆతి సూక్ష్మపదార్శాల నిర్వార ణకు, విశదీకరణకు న్యూక్తియర్ మాగ్నెటిక్ రెసొనెన్స్(ఎన్ఎంఆర్) స్పెక్ట్రొస్కోపీ ఉపయోగపదుతుందని ఆదికవి నన్నయ విశ్వవిద్యాలయం ఉపకులపతి మొ క్కా జగన్నాధరావు అన్నారు. రసాయనిక పరిశోధకులు దీనిపై మరిన్ని అధ్య యనాలు చేయాలని చెప్పారు. నన్నయ విశ్వవిద్యాలయం కాలేజ్ ఆఫ్ సైన్స్ యినాలు బయోలన బఎ్పారు. నెన్నాయి విశ్వవిద్యాలయిం కాలజ ఆప్ సైన్స్ అండ్ టెక్నాలజీలోని రసాయనికశాస్త్ర విజాగం ఆధ్వర్యంలో ఐఆర్ అండ్ ఎస్ ఎంఆర్ స్పెట్రోస్కోపీ అనే అంశంపై మంగళవారం జాతీయ వెబీనార్ జరిగింది. కార్యక్రమానికి వీసీ ముఖ్యఅతిథిగా విచ్చేసి మాట్లాడుతూ ఇన్ర్రారెడ్ (ఐఆర్) స్పెక్టోస్స్ పీ ఆణుషులతో సంకర్వణ చెందుతుందని వివరించారు. రీసో ర్స్ పర్సన్, సీనియర్ శాస్త్రవేత్త ఏవీ రమణారెడ్డి మాట్లాడారు.

4న అగ్రీ నానో టెక్నాలజీస్పై పెబినార్

నన్నయ వర్మిటీ రసాయనికళాస్త్ర విభాగం ఆధ్వర్యంలో ఆగస్మ 4న అగ్రి నానో టెక్నాలజీస్, డైలెడ్డిక్ మెటీరియల్స్పై జాలీయ వెబినార్ నిర్వహించను న్నట్టు ఈసీ జగన్నాధరావు తెలిపారు. దీనికి సంబంధించిన ట్రోచర్ను మంగళ వారం వీసీ ఆవిష్కరించారు. అధ్యాపకులు, విద్యార్థులు, పరిశోధకులు దీనిని నద్వినియోగం చేసుకోవాలని కోరారు. కార్యకమాల్తో రీజిస్క్రార్ ఆవార్య టి.ఆశోక్, కన్వీనర్, విబాగాధిపతి బి.జగన్మోహనరెడ్డి. (ప్రిన్సిపాల్ కె.రమణేశ్వరి, కన్వీనర్ ఎన్.రాజ్యలక్ష్మి, కో-కన్వీనర్లు వై.సుష్మాటియ, వి.రాజశేఖర్ పాల్గొన్నారు.

4న అగ్గి నానో టెక్మాలజీస్ వెబనార్

రాజానగరం: యూనివర్సిబీలోని కాలేజ్ ఆఫ్ సైన్స్ అండ్ టెక్నాలజీ కళాశాల, ఫిజిక్స్ విభాగం ఆధ్వర్యంలో 'అగ్రి నానో టెక్సాలజీస్ అండ్ డైలెక్టిక్ మెటీరి యల్స్ అనే అంశంపై ఆగస్టు 4న నేషనల్ వెబినార్ నిర్వహించనున్నామని ఆదికవి నన్నయ యూనివర్నిటీ వీసీ ఆచార్య ఎం. జగన్నాథరావు తెలిపారు. ఇందుకు సంబంధించిన బ్రోచర్ని మంగళవారం విడుదల చేశారు. హెచ్ఓడీ డాక్టర్ ఎస్.రాజ్యలక్ష్మి కన్వీనర్గా వ్యవహరిస్తారన్నారు.





నిపుణుల సహకారంతో విజానం

రాజానగరం: వివిధ రంగాల్లో నిపుణుల సందేశాలను వినడానికి కొవిడ్ అందించిన గొప్ప అవకాశం ఆన్లైన్ ష్టాట్ఫామ్ అని నన్నయ విశ్వవిద్యా లయ వీసీ ఆచార్య ఎం.జగన్నాథరావు అన్నారు. వర్మిటీలో కాలేజ్ ఆఫ్ సైన్స్ అండ్ టెక్నాలజీలోని కెమిస్ట్ విభాగం అధ్వర్యంలో మంగళవారం నిర్వహించిన వెబినార్లో మాట్లాదారు. దాక్టర్ రమణరెడ్డి తదితరులు పాల్గొన్నారు. ఫిజిక్స్ విభాగం ఆధ్వర్యంలో నిర్వహిస్తున్న ఆగ్ర్ నానో టెక్సా లజీస్ అండ్ డైఎలెక్టిక్ మెటీరియల్స్ అంశంపై వచ్చే నెల 4న నిర్వహించ నున్న నేషనల్ వెబినార్ను సద్వినియోగం చేసుకోవాలని వీసీ అన్నారు.

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రాజుతగరం: శాస్త్ర. నానం టెక్నాలజీ కీలక పాత్ర హాజ్మల్ మాజ్మాలను సాంకేతిక రంగాలలో రాలు ఎస్.రాజ్యలక్ష్మి కన్వీనర్గా వ్యవహరిం చిన ఈ వెబినార్లో చీస్ ముఖ్యఅతిథిగా

్రస్తుత నానో టెక్నాలజీది కీలక పాత్ర అని నన్నయ యుగంలో అన్ని రంగాల్లో నానో టెక్నాలజీ విశ్వవిద్యాలయ వీసీ ఆచార్య ఎం.జగన్నాథ విషవాత్మక మార్పులను తీసుకు వస్తోంద రావు ఆన్నారు. వర్శిటీ ఫిజిక్స్ విభాగం ఆద్వ న్నారు. రిసోర్స్ పెర్గస్మగా ఆచార్య ఎస్జేటీ ర్యంలో బుదవారం అగ్రి-నానో టెక్నాలజీ రంగా అగ్రికల్చరల్ యూనివర్సిటీ (తిరుపతి) యాచార్యులు టి.విశ్వం ఆగ్రి-నానో టెక్నాల జీపై పలు విషయాలను వివరించారు.

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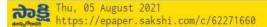
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రానున్న కాలం నానో టెక్కాలజీదే

'నన్నయ' బీసీ ఆచార్య జగన్నాథరావు

రాజానగరం: శాస్త్ర, సాంకేతిక రంగాల్లో నానో టెక్నాలజీ కీలకపాత్ర పోషిస్తుందని, రాబోయే కాలం టెక్నాలజీ ప్రభావం ఉంటుందన్నారు. దీనిపై మరిన్ని ్రహ అలూమ్ని ఆసోసియేషన్ సభ్యులు పాల్గొన్నారు.

పరిశోధనలు చేయవలసిన అవసరం ఉందని, తద్వారా సమాజాభివృద్ధికి అనేక సత్పలితాలను అం దుకోవచ్చన్నారు. డాక్టర్ ఎస్.రాజ్యలక్ష్మి కన్వీనర్గా వ్యవహరించిన ఈ పెబినార్కి రీసోర్సుపర్సన్గా లో అన్ని రంగాల్లోనూ దీనిని ఉపయోగిస్తారని ఆచార్య ఎన్జీరంగా ఆగ్రి కల్చరల్ యూనివర్సిటీ ఆదికవి నన్నయ యూనివర్నిటీ వీసీ ఆచార్య ఎం.జ (తిరుపతి) ప్రిన్నిపాల్ సైంటిస్టు డాక్టర్ టీఎస్వీకేవీ గన్నాథరావు అన్నారు. యూనివర్సిటీలో ఫిజిక్స్ ట్రసాద్ వ్యవహరించారు. గీతమ్ స్కూల్ ఆఫ్ సైన్సెస్ విభాగం ఆధ్వర్యంలో 'అగ్రి నానో టెక్నాలజీస్ అండ్ (హైదరాబాద్) సహాయాచార్యులు డాక్టర్ టి.విశ్వం డైలెక్టిక్ మెటీరియల్స్ అనే అంశంపై బుధవారం నేష కాదితరులు మాట్లాడుతూ అగ్రి - నానో టెక్సాలజీస్ నల్ పెబినార్ నిర్వహించారు. ఆహార ఉత్పత్తుల్లో అగ్రి అండ్ డైలెక్టిక్ మెటీరియల్స్మ్ప్ పలు విషయాలను – నానో టెక్నాలజీ ప్రపంచ సవాళ్లను ఎదుర్కొనే తెలియజేశారు. కార్యక్రమంలో రిజి,స్టార్ డాక్లర్ టి. సామర్థ్యాన్ని కలిగి ఉంటుందన్నారు. ఉత్పత్తి, భద్రత, ఆశోక్, ఈసీ మెంబర్స్ డాక్టర్ కేఎస్ రమేష్, డాక్టర్ వాతాపరణ మార్పు, రవాణా వంటి అనేక బి.జగన్మాహన్రెడ్డి, స్రిప్పిపాల్ డాక్టర్ కె.రమణేశ్వరి, వ్యవసాయ, వ్యవసాయ అనుబంధ అంశాలపై నానో 🌎 కో కన్వీనర్స్ డాక్టర్ వై.సుష్మప్రియ, వి.రాజశేఖర్, స్ప



4న అగ్రి నానో టెక్మాలజీస్ వెబనార్

రాజానగరం: యూనివర్సిటీలోని కాలేజ్ ఆఫ్ సైన్స్ అండ్ టెక్సాలజీ కళాశాల, ఫిజిక్స్ విభాగం ఆధ్వర్యంలో 'అగ్రి నానో టెక్సాలజీస్ అండ్ డైలెక్టిక్ మెటీరియల్స్' అనే అంశంపై ఆగస్టు 4న నేషనల్ పెబినార్ నిర్వహించను న్నామని ఆదికవి నన్నయ యూనివర్సిటీ వీసీ ఆచార్య ఎం. జగన్నాథరావు తెలిపారు. ఇం దుకు సంబంధించిన బ్రోచర్ని మంగళవారం విడుదల చేశారు. హెచ్ఓడీ దాక్టర్ ఎస్.రాజ్య లక్ష్మి కన్వీనర్గా వ్యవహరిస్తారన్నారు.

Wed, 28 July 2021 https://epaper.sakshi.c

Nannaya Vani

నానో టెక్నాలజీదే భవిష్యత్

బీసీ అచార్య మొక్కాజగన్మాథరావు



04.08.21 (మీడియాసెల్) శాస్త్ర, సాంకేశిక రంగాల్లో నానో చెక్కాలజీ కీలక పాత్రమ పోషిస్తుందని, భవిష్యత్ లో అన్ని రంగాల్లోను నానో చెక్కాలజీని ఉపయోగిస్తారని వీసీ ఆచార్య మొక్కా జగన్నాథరావు అన్నారు. ఆదికవి నన్నయ యూనిపర్సితీ ఫిజిక్స్ విధాగం ఇధ్వర్యంలో బుధవారం "అగ్రి నానో చెక్కాలజీస్ అండ్ డైలెక్ట్రిక్ మెటీరియల్స్" అనే అంశంపై నేషనల్ వెబినార్ ను నిర్వహించారు. ఫిజిక్స్ విథాగాధ్యాపకురాలు డా.ఎస్.రాజ్యలమ్మీ కన్వీసర్ గా వ్యవహరించిన ఈ వెబినార్ కు ముఖ్య అశిధిగా మీస్ ఆచార్య్ మొక్కా జగన్నాథరావు హాజరై ఉపన్ననించారు. మీ మాట్లడుతూ చ్రస్తుత అధునిక యుగంలో నానో టెక్నాలజీకి డిమాండ్ ఎక్కువగా ఉందని అన్ని రంగాల్లో నానో టెక్నాలజీ విష్ణవాత్మక మార్పులను తీసుకువస్తుందని అన్నారు. నానోటెక్నాలజీ ఇద్దునిక వ్యవసాయంలో కొత్త మార్పులను తీసుకువస్తుందని చెప్పారు. అగ్ర-నానోటెక్నాలజీ ఆహారం యొక్క ప్రపంచ సవాళ్లను ఎదుర్కొనే గొప్ప సామర్థాన్ని కలిగి ఉంటుంది. ఉత్పత్తి, భద్రత, వాతావరణ మార్పు రవాణా వంటి అనేక వ్యవసాయ, వ్యవసాయ అనుబంధ అంశాలపై నానోటెక్నాలజీ ఉపయోగ పడుతుంది. వ్యవసాయ ఉత్పత్తులు, రక్షణ కోసం నానోపార్టికల్స్ వివిధ రూపాలలో ప్రయోగిస్తున్నారు. వానోటెక్నాలజీ శాస్త్ర, సాంకేతిక రంగాలతో పాటు వ్యవసాయ రంగంలో కూడా ఎన్నో (పయోజనాలను చేకూర్చుతుంది. దీనిపై మరిన్ని లోతైన పరిశోధనలు జరిగి సమాజహితంగా నానో సాంకేతిక పరిజ్వానన్ని ఉపయోగిస్తే మంచి ఫలితాలు వస్తాయన్నారు. రిసోర్స్ పర్సన్స్ గా అచార్య ఎస్.జి.రంగ అగ్రకల్చర్ యూనిపర్పిట్ తిరుపతి (పిన్పోపాల్ సైంటిస్ట్ డా.టి.ఎస్.వి.కె.వి బ్రహేద్, గీతమ్ స్టూర్ ఆఫ్ సైన్సెస్ హైదరాబాద్ సహాయాచార్యులు డా.టి.విశ్వం హాజరై అగ్రి నానో టెక్నాలజీస్ అండ్ డైలెక్టిక్ మెటీరియల్స్ పై పలు ఇసక్తికర విషయాలను తెలియజేశారు. ఈ కార్యక్రమంలో రిజిడ్డార్ అచార్య బి.అశోక్, ఈసీ మెంబర్స్ ఆచార్య కె.(శీరమేష్ దా.బి.జగన్మోనహరెడ్డి, బ్రిప్పిపాల్ దా.కె.రమణేశ్వరి, కస్పీనర్ దా.ఎస్.రాజ్మలక్ష్మీ కోకస్పీనర్స్ దా.వై.నుష్మబ్రియ, బి.రాజశేఖర్, స్పృహ అల్లుప్ను అసోసియేషన్ సుంకర నాగేంద్ర కిషోర్, వెబ్ మాస్టర్ మంచెం (కినివాస్ తదితరులు పాల్గొన్నారు.