



RAJARAJESWARI COLLEGE OF ENGINEERING

Affiliated to VTU | Approved by AICTE, New Delhi | Accredited by HLAICT, Texas, USA (Internationally) and by NBA

National Level Entrepreneurial Leadership Webinar on "Recent Innovations in Electronics"

Jointly organized by

**Department of Electronics and Communication Engineering
RajaRajeswari Institution Innovation Council (RRIIC)
(MoE IIC Approval No: IC201912297)**

&

ATS Info Tech Pvt. Ltd

Date: 24th July 2021 Saturday at 11.30 A.M. IST

Resource Persons:

- 1. Mr. A T Kishore,**
Chief Executive Officer,
Vidhya Sangha Technologies Pvt. Ltd,
Bangalore.
- 2. Mr. Sandeep Giyyan Jjethani**
Director Operations
ATS Info Tech Pvt. Ltd
Bangalore.

Virtual Meeting Link:

<https://us02web.zoom.us/j/8634386115?pwd=OFJQdnZaNVhzc09GRVRRrL3FqWnF5dz09>

Meeting ID: 863 438 6115

Passcode: rrbj

Objective of the Session: To provide an awareness session on Recent Innovations in Electronics and create an interest and motivation to the students and faculty members on how to contribute to the society using latest technological developments in Electronics.

Target audience:

- ❖ The Webinar is open for UG & PG Students, Faculty members, Industry Personnel, Start up Founders, Aspiring Research Scholars

Number of Participants : 137 Participants.

Outcome of the Program:

- Faculty members, Research Scholars, UG and PG Students are sensitized on recent technological innovations in Electronics
- Create awareness on support extended by innovation and ideation by Government organizations to the students
- Sensitize the Participants on how the students, faculty members and aspiring innovators can innovate new innovative applications, innovative devices and services for the betterment of the society
- Gathered knowledge on Thrust areas in which aspiring innovators must focus such as Rural Agriculture, Rural Healthcare, Rural Education, Traffic monitoring and guiding solutions to the Metro cities and Waste Management solutions.

Organizing Committee :

Dr.T.Chandrashekar, M.Tech., Ph.D, Principal

Dr.R.Balakrishna, M.Tech., Ph.D

Dean – RRCE & IPR Cell Co-ordinator

Dr. L. Rangaiah, Professor and Head, ECE,

Dr.A. Muruganandham,

Professor-ECE & Co-ordinator - ED Cell, RRIIC

Dr.S.Usha, M.E., Ph.D,

HoD – CSE & Dean – Research & Innovation

Dr. Amutharaj Joyson, M.E., Ph.D, FIE,

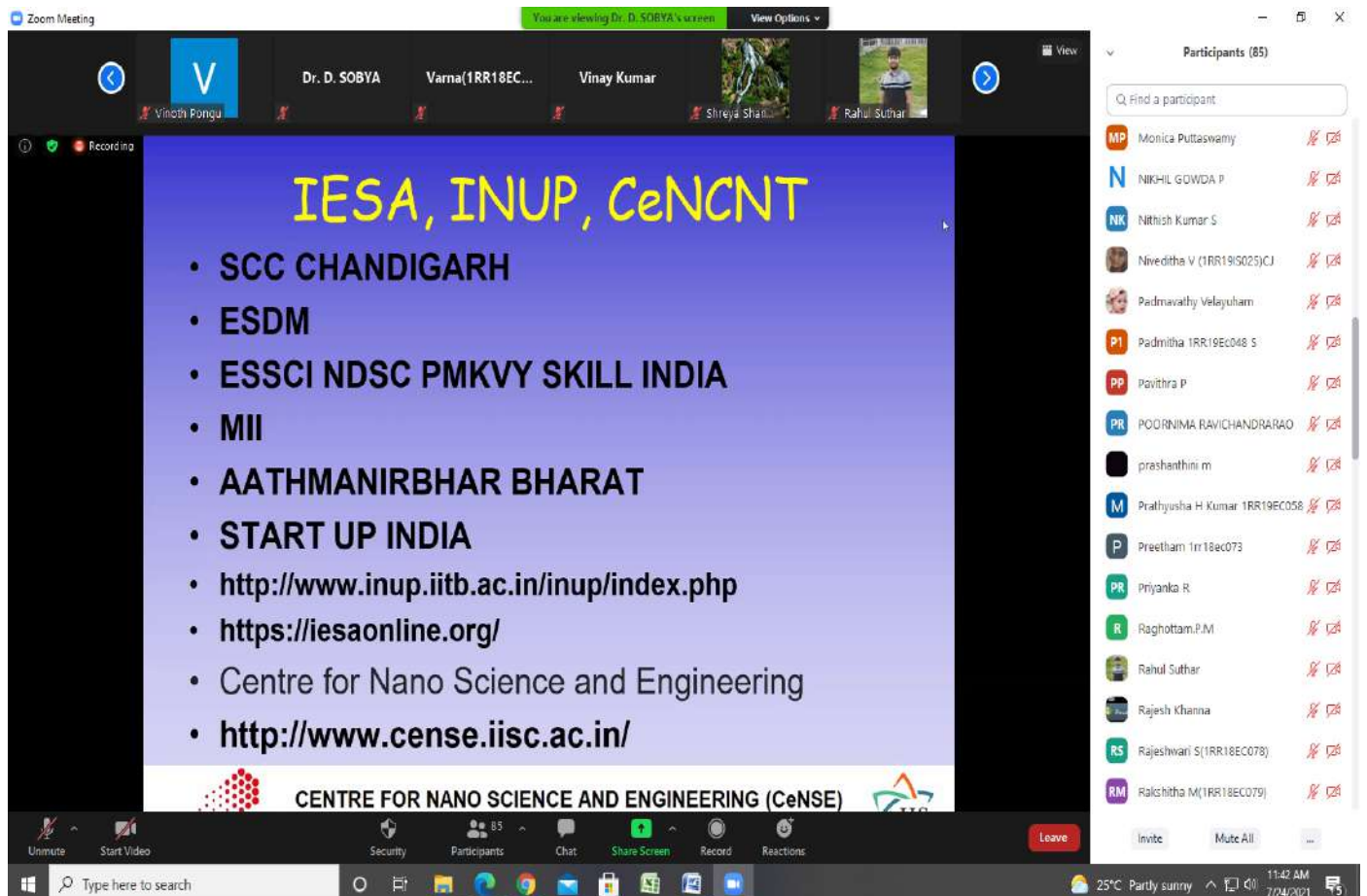
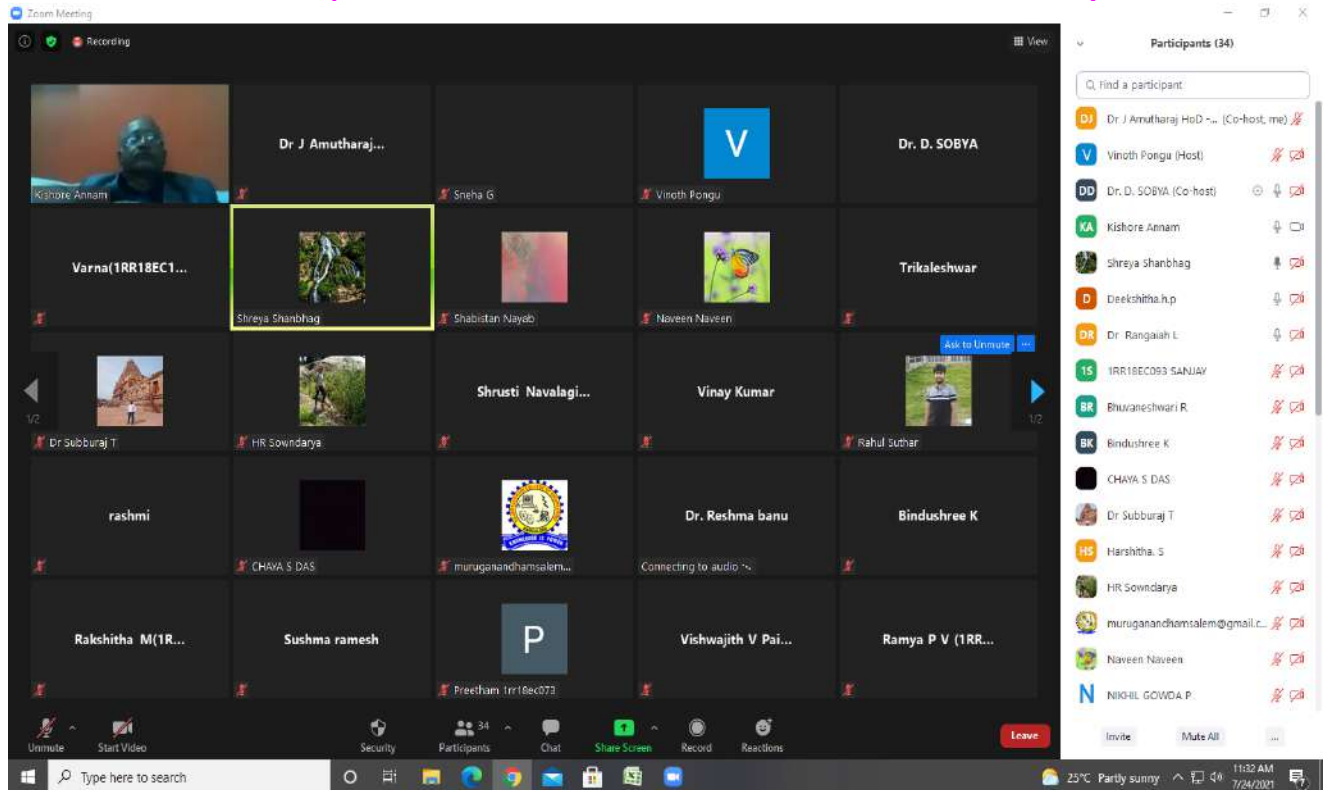
Professor & HoD - ISE & President – RRIIC

Dr.C.Ramesh, M.E., Ph.D,

Professor and Head, Mech. Engg., Convener – RRIIC

Dr.D.Sobya, ASP - ECE & Start up Co-ordinator - RRIIC

Event Photos - Leadership Webinar on "Recent Innovations in Electronics" 24th July 2021



Zoom Meeting | You are viewing Dr. D. SOBYA's screen | View Options

Vinith Pongu | Varna(1RR18EC... | Vinay Kumar | Shreya Shan... | Rashmi

PHOTONICS

- **Optics, Nanostructures and Quantum Fluids**
 - Study of optical and hydrodynamic properties of nanostructured particles and films, with emphasis on developing nanoscale drug delivery vehicles and nanoplasmonic sensors for biological applications. Facilities include nanostructured thin film fabrication system, optical microscope, and various optical characterization tools.
- **Gas Sensors Lab**
 - The Lab has facilities to characterize sensors employing different concentrations of gases – both inorganic and volatile organics – from ppb (~1) to ppm (>10,000); an IR camera to study the thermal morphology of microheaters; a microdispenser to dispense a desired amount of an analyte (solution) with a 20 μm spatial resolution. The lab also has the facility to fabricate sputtering targets of sensor materials.

IEEE

Participants (90)

Q. Find a participant

- Dr. J. Amutharaj HoD ... (Co-host, me)
- Vinith Pongu (Host)
- Dr. D. SOBYA (Co-host)
- Kishore Annam
- 1RR18EC093 SANJAY
- 1rr18is050
- 861d0810
- Altamash BM
- ASHWINI M.C.
- Bhuvaneshwari R
- Bindushree K
- Deekshitha.h.p
- Divya
- Dr. Rangaiah L
- Dr. VIJA...
- Dr. Jyothi A P
- Gagana M

Unmute | Start Video | Security | Participants | Chat | Share Screen | Record | Reactions | Leave

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Zoom Meeting | You are viewing Dr. D. SOBYA's screen | View Options

Raghattam.P.M | V | Dr. D. SOBYA | Varna(1RR18EC... | Vinay Kumar | Shreya Shan...

LASER

- **Non-linear Photonics and High Power Lasers Lab**
 - This laboratory focuses on development of novel optical sources and processing technologies for varied applications from optical communications, sensing and biomedical imaging to high power industrial and defense lasers. Fundamental research on non-linear optics in guided-wave devices, an enabler for many of the novel laser technologies, is also undertaken.
- **Neuro-Electronics Lab**
 - The research emphasis is on interfacing neurons of the brain with electronic devices. The broad aim is to understand how learning takes place in biological neuronal networks using electrical and optical recording and stimulation, and to utilize it for robotic control. Facilities available are: nanofabrication of multi-electrode arrays, tissue culture laboratory for neuronal culture, electrophysiology rigs for multi-electrode array recording with feedback control, an electronics lab bench, high-end microscopes with fast fluorescence imaging and optical stimulation of neurons using a femto-second laser.

IEEE

Participants (98)

Q. Find a participant

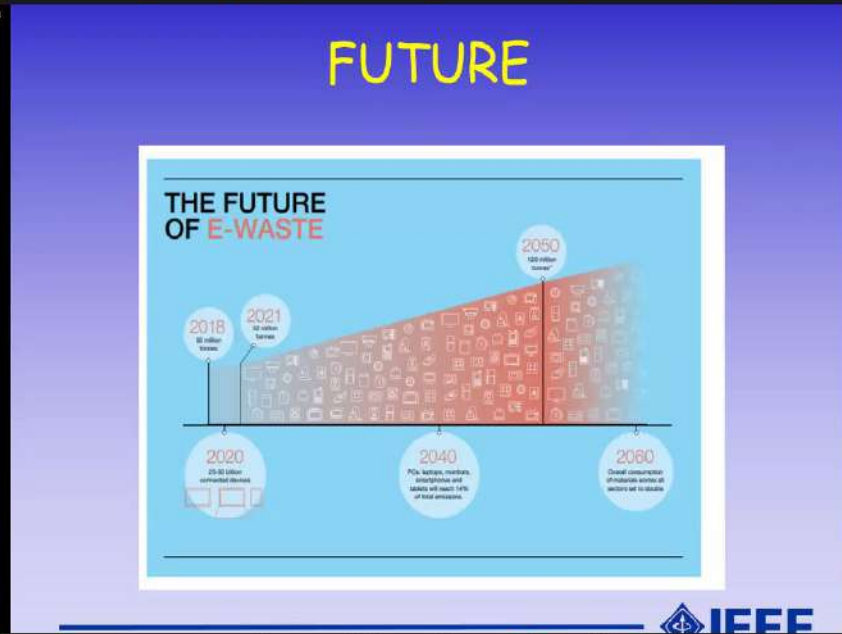
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- CHAYA S DAS
- Deekshitha.h.p
- Divya
- Dr. Rangaiah L
- Dr. VIJAYA S M
- Dr. Jyothi A P

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Raghottam.P.M | V | Dr. D. SOBYA | Varna(1RR18EC... | Vinay Kumar | Shreya Shanu

Recording



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- Q. Find a participant
- Dr. J. Amutharaj HoD -... (Co-host, me)
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 - Dr. D. SOBYA (Co-host)
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 - Dhamush D
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