KONERU LAKSHMAIAH EDUCATION FOUNDATION
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Three days Faculty Development Programme on

"Recent Advances In Wireless Systems and Emerging Technologies"

Organized by Communication System Research Group(CSRG),

Department of ECE, KLEF in Association with IETE-Vijayawada chapter

September 28, 2021 to September 30, 2021

Program Chair	:	Dr. M. Suman, Professor & Head, ECE, KLEF
		Dr.M.Goutham,Professor & Head, ECE, KLH
Research Group Head	:	Dr. K.S.Ramesh, Professor, ECE, KLEF
Conveners	:	Dr.S.Nagendram,Associate Professor, ECE, KLEF
		Dr. Arjuna Muduli, Associate Professor, ECE,KLEF

Meeting Link:

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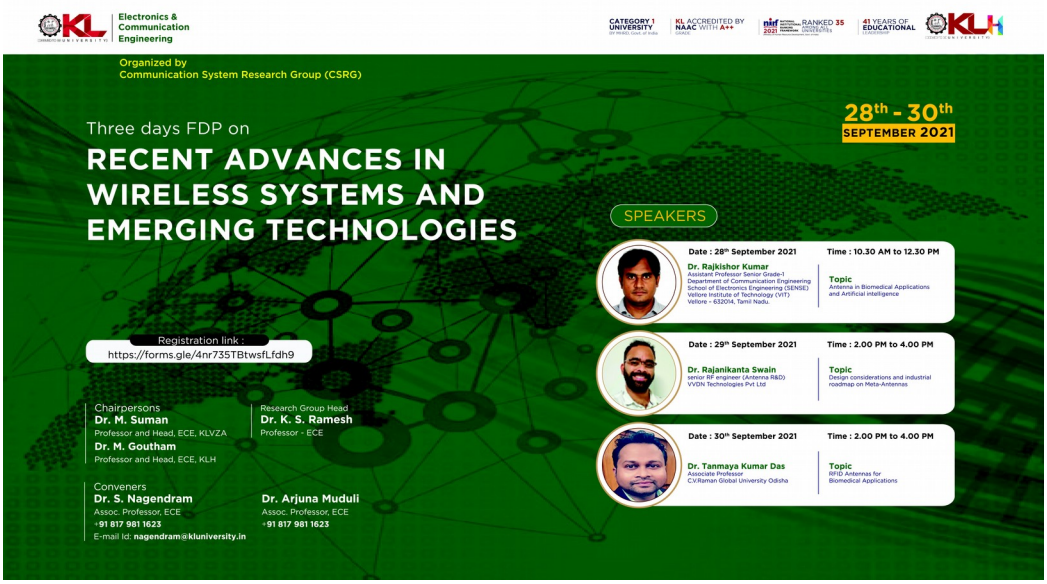
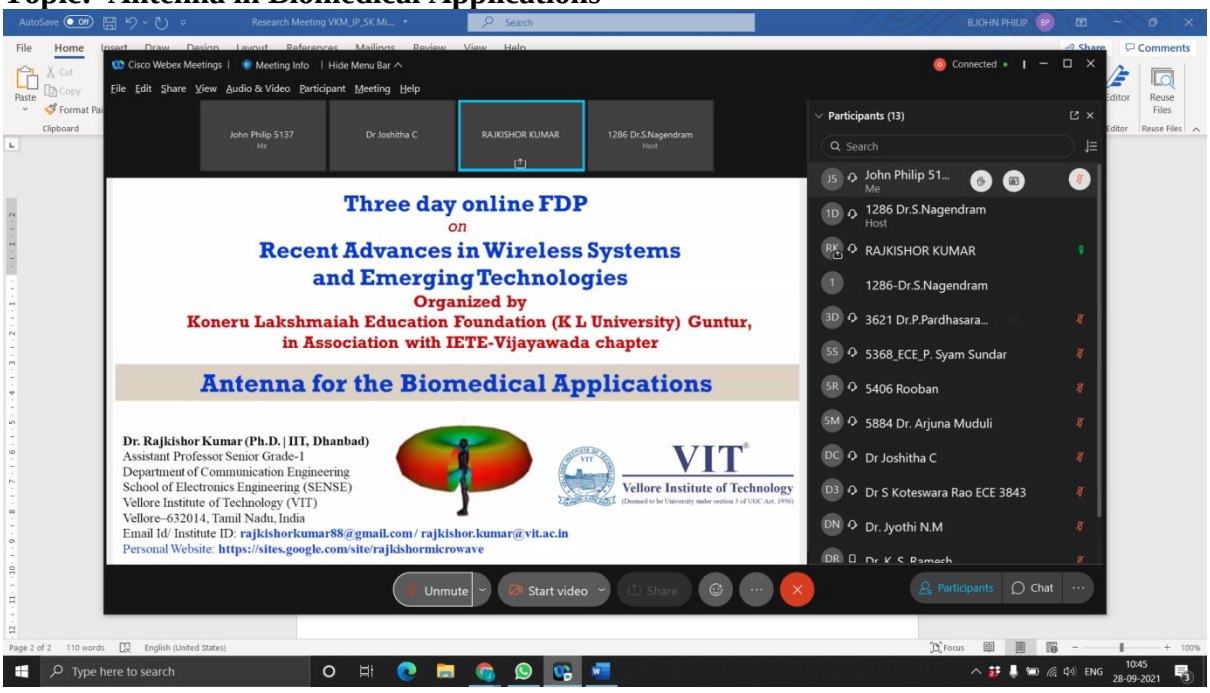


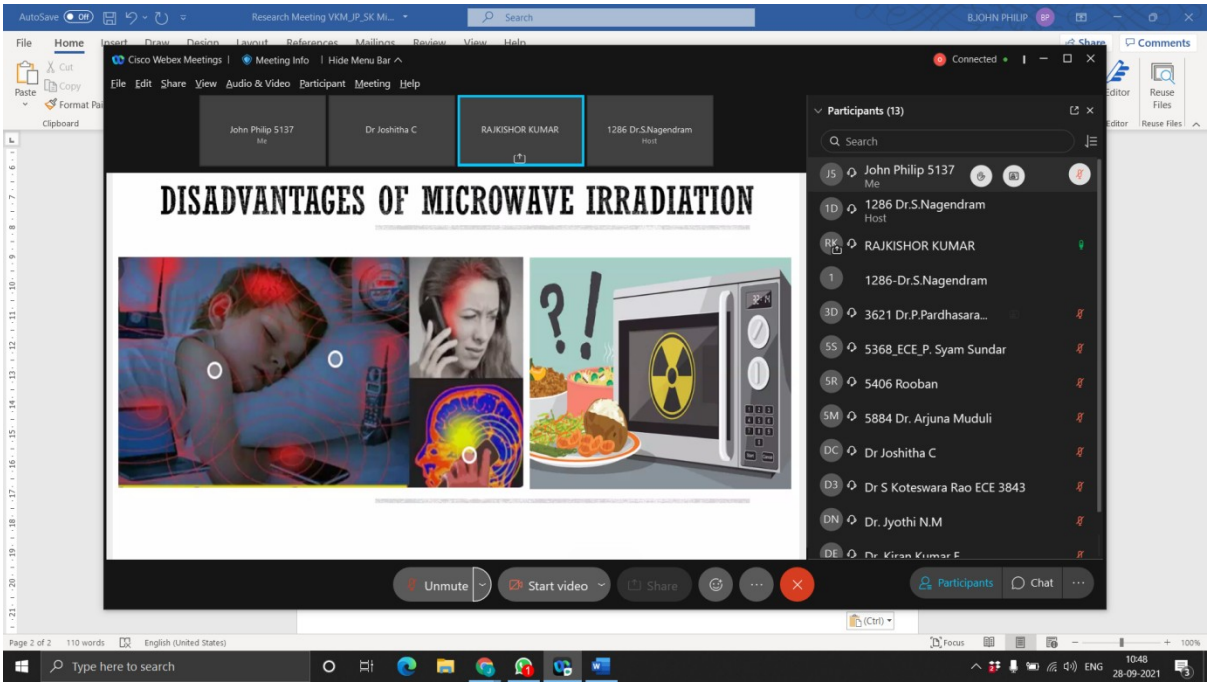
DAY-1:

DATE:28-9-2021 **Time: 10.30AM TO 12.30PM**

Resource Person: Dr.Rajkishor Kumar
Assistant Professor
Vellore Institute of Technology
Vellore, Tamil Nadu
E-Mail: Rajkishorkumar88@gmail.com
Mobile No: 8271976691

Topic: Antenna in Biomedical Applications

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Dr Joshitha C
RAJKISHOR KUMAR
1286 Dr.S.Nagendram
Host
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Participants (13)
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5368_ECE_P. Syam Sundar
5406 Rooban
5884 Dr. Arjuna Muduli
Dr Joshitha C
Dr S Koteswara Rao ECE 3843
Dr. Jyothi N.M
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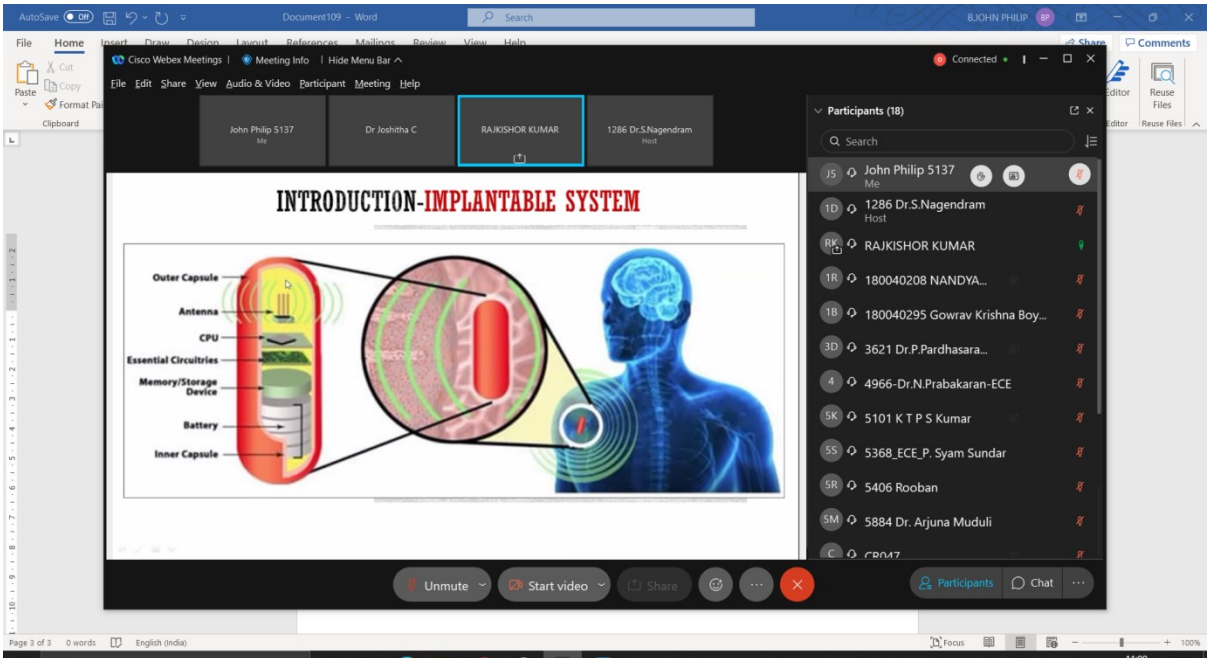
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Participants (18)
INTRODUCTION-IMPLANTABLE SYSTEM
Outer Capsule
Antenna
CPU
Essential Circuitries
Memory/Storage Device
Battery
Inner Capsule
John Philip 5137 Me
1286 Dr.S.Nagendram Host
RAJKISHOR KUMAR
180040208 NANDYA...
180040295 Gowrav Krishna Boy...
3621 Dr.P.Pardhasara...
4966-Dr.N.Prabakaran-ECE
5101 K T P S Kumar
5368_ECE_P. Syam Sundar
5406 Rooban
5884 Dr. Arjuna Muduli
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28-09-2021

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Dr Joshitha C
RAJKISHOR KUMAR
1286 Dr.S.Nagendram
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Participants (19)
INTRODUCTION-A WIRELESS
SYSTEM-DATA TELEMETRY
1-Base Station
2-Channel propagation
3-Human body
4-Insulations
5-Implantable antenna
6-Electronics and power supply
7-Bio-sensors and bio-actuators
John Philip 5137 Me
1286 Dr.S.Nagendram Host
RAJKISHOR KUMAR
1286-Dr.S.Nagendram
180040295 Gowrav Krishna Boy...
180040598-G.Rajakumari
3028 Ms.N.Durga Indi...
3621 Dr.P.Pardhasara...
4966-Dr.N.Prabakaran-ECE
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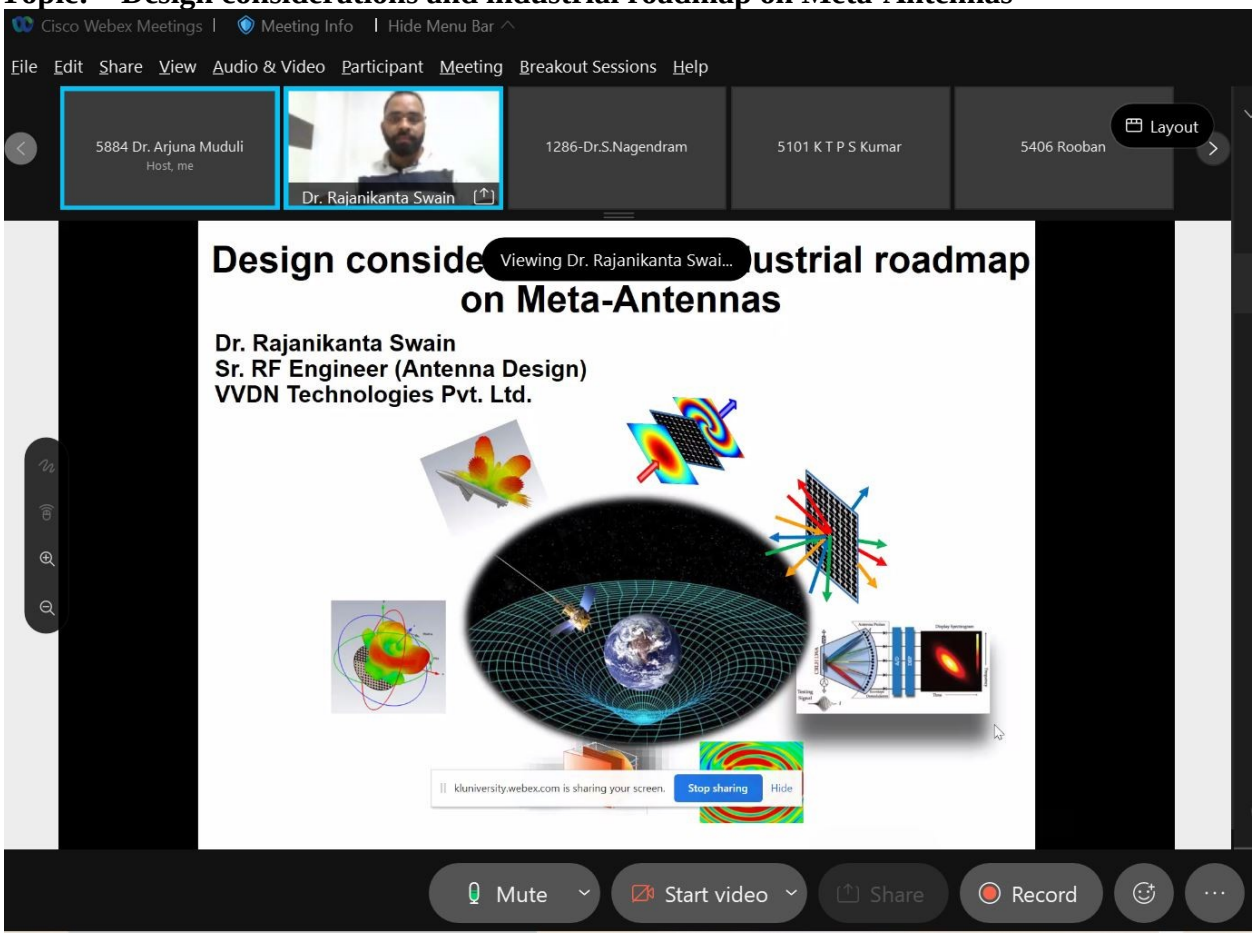
28-09-2021

Day-2
Date: 29-9-2021 **Time: 2:00 To 4:00PM**

Resource Person: Dr Rajanikanta Swain
Senior RF engineer (Antenna R&D)
VVDN Technologies Pvt Ltd
Banglore
E-Mail: rajanikanta.swain@vvdntech.in

Topic: Design considerations and industrial roadmap on Meta-Antennas



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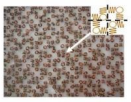
Tinfoil-paper Polarizer
1898, J. C. Bose

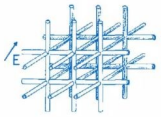
Chiral Medium
1920, K. F. Linddman



Artificial Dielectrics

Light Lens
1949, W. E. Kock

Artificial Plasma
1962, W. Rotman



MetaMaterial is an arrangement of artificial structural elements, designed to achieve advanced properties

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Participants (11)

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- 5884 Dr. Arjun... (Cohost, me)
- CR054 (Host)
- Dr. Rajanikanta Swain
- 1286-Dr.S.Nagendram
- 5101 K T P S Kumar
- 5406 Rooban
- 928 Dr.K.Ch.Sri Kavya
- D. Sreenivasa Rao
- Dr S Koteswara Rao ECE 3843
- Dr.S.Sunithamani

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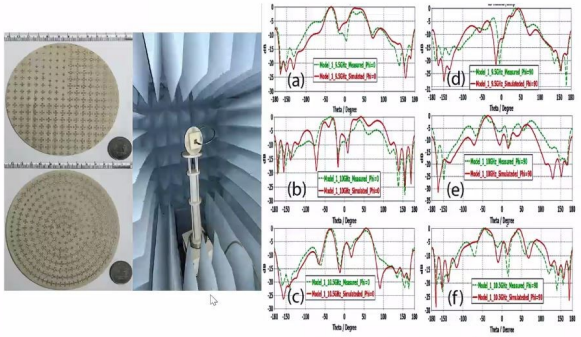

Comparisons of simulated and measured normalized E-patterns for PQRD Model-1 (a-c) at φ = 0° and (d-f) at φ = 90° for 9.5 GHz, 10 GHz, and 10.5 GHz

Participants (44)

Search

- Dr S Koteswara Rao ECE 3843
- Dr. K. S. Ramesh
- gvs0raos
- ohmprabhu05
- POLAIAH BOJJA
- Ramakrishna_ece
- suresh 190040225
- Tilak Sai
- V. Teju
- Vipul Agarwal

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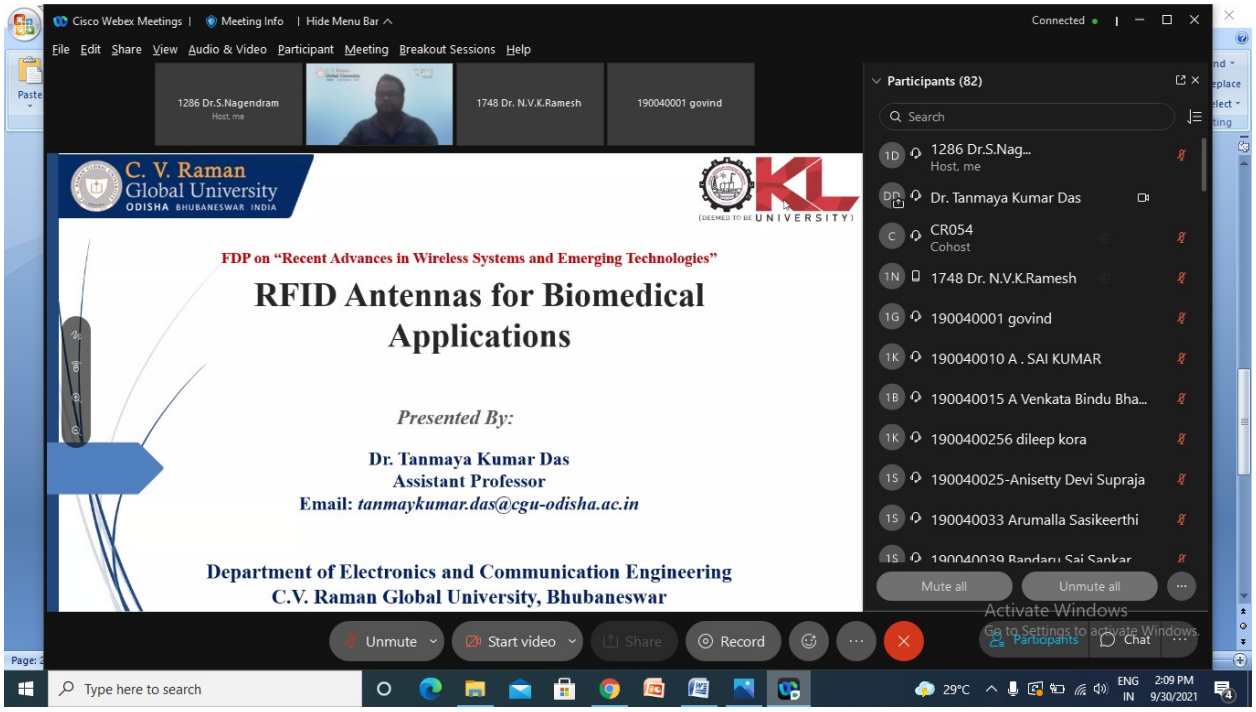
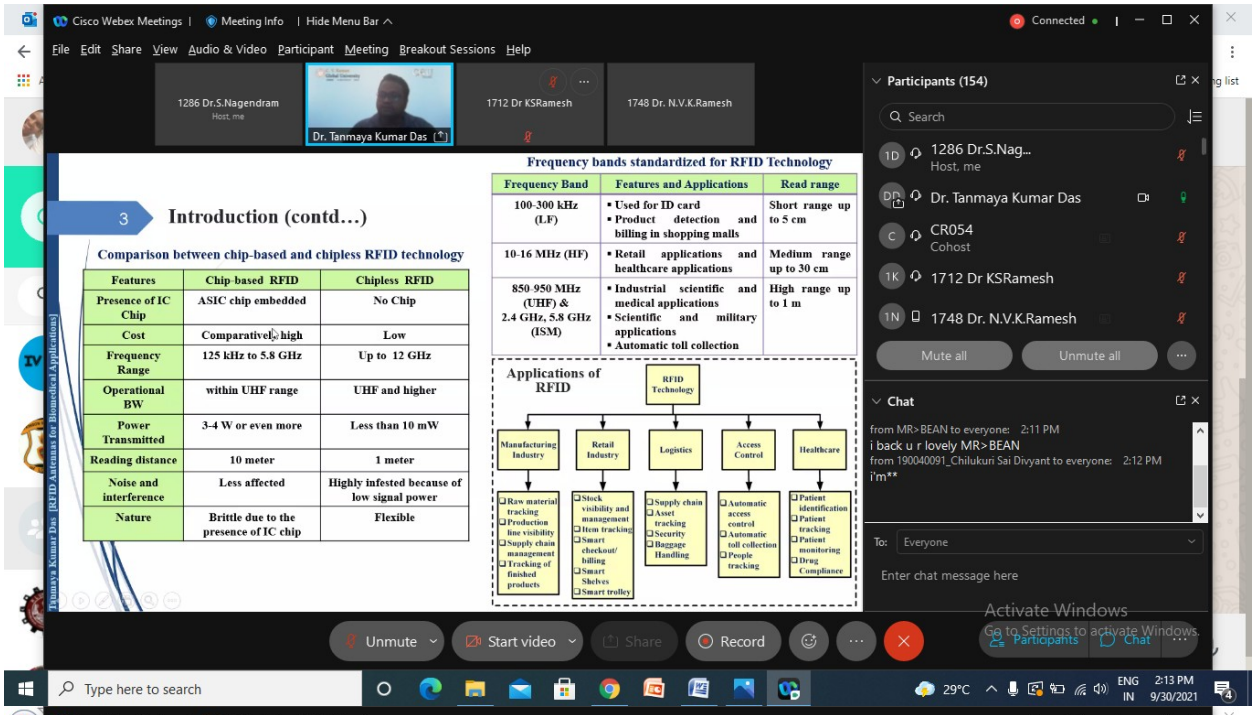
Unmute | Start video | Share | Record | Participants | Chat

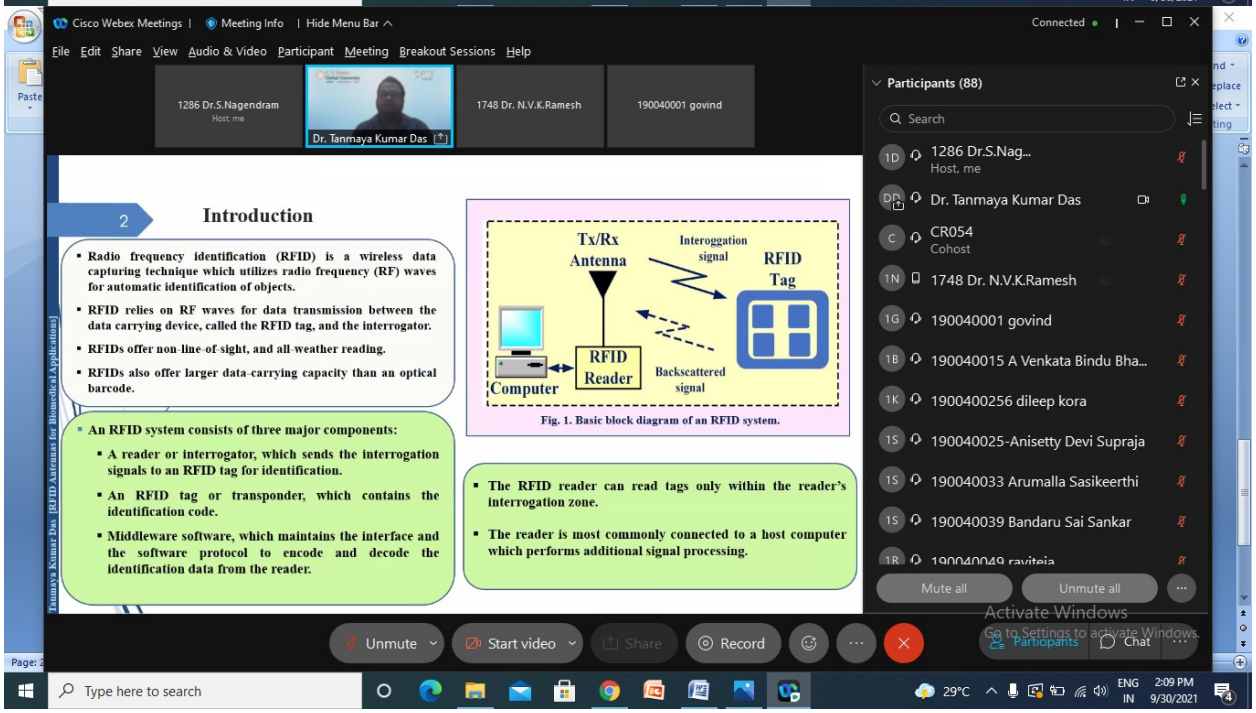
Day-3
Date:30-9-2021 **Time:2:00 To 4:00PM**

Resource Person: Dr.Tanmaya Kumar Das
Assistant Professor
C.V.Raman Global University
Odisha
E-Mail:Tanmaykumar.das@cgu-odisha.ac.in
Ph.No:7008486512

Topic: RFID Antennas for Biomedical Applications







(Dr.K.S.Ramesh)
(Dr.M.Suman)

GSRG Group-Head HOD-ECE