



## Koneru Lakshmaiah Education Foundation

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Campus: Green Fields, Vaddeswaram, Guntur District, A.P., India. PIN 522 302

Phone No. 08645 - 350200; www.kluniversity.in, www.klef.edu.in

### Guest Lecture

#### Synthetic aperture radar remote sensing

**Date: 10/11/2022**

<b>Department Name</b>	: ECE
<b>Event Date(s)</b>	: 10/11/2022
<b>Event Time</b>	: 10 am
<b>Title</b>	: Synthetic aperture radar remote sensing and application
<b>Recourse Person</b>	: <b>Dr Unmesh Khati</b> , Assistant Professor, Department of Astronomy, Astrophysics and Space Engineering, IIT Indore, Indore, Madhya Pradesh, India
<b>Event Objective</b>	: The event aims to introduce attendees to Synthetic aperture radar remote sensing and application while also covering technology trends, fostering skills development, and providing inspiration and motivation
<b>Event Venue / Room No.</b>	: Online (Webex Link: <a href="https://kluniversity.webex.com/kluniversity/j.php?MTID=mf6a7aef14b985809f2fa79e327b7347d">https://kluniversity.webex.com/kluniversity/j.php?MTID=mf6a7aef14b985809f2fa79e327b7347d</a> )
<b>Faculty Convenor</b>	: Dr Sampad Panda, Associate Prof. ECE Department

**K L E F (Deemed to be University)**  
**Department of Electronics and Communication Engineering**  
**Guest Lecture Report**

**DT: 10-11-2022**

**Resource Persons:** Dr. Unmesh Khati, Assistant Professor, Department of Astronomy, Astrophysics and Space Engineering, IIT Indore, Indore, Madhya Pradesh, India

**Topic:** “Synthetic Aperture Radar remote sensing - basics and applications”

**Audience:** Faculty and Student

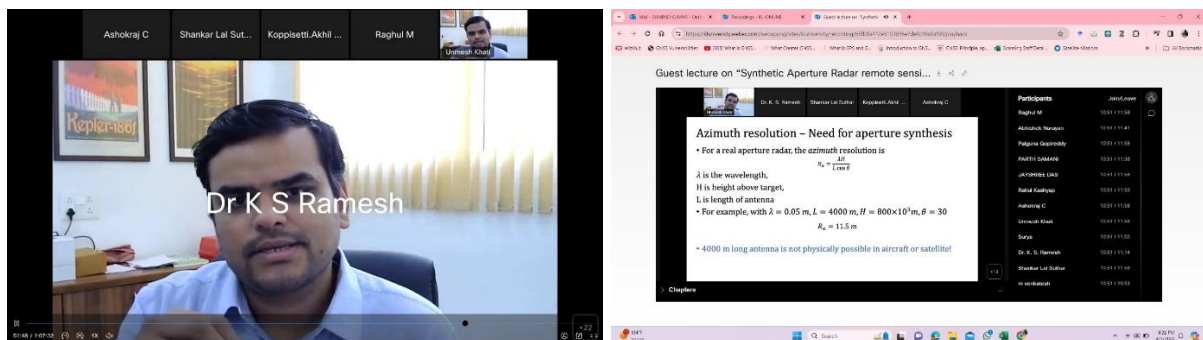
**Time:** 10.30 am to 11.30 am

**Webex Joining link:**

<https://kluniversity.webex.com/kluniversity/j.php?MTID=mf6a7aef14b985809f2fa79e327b7347d>

The Guest Lecture was organized by the Department of ECE on 10/11/2022. As per the calendar of events for this semester a national level guest lecture was conducted. The lecture is mainly focused on the radar development and the fundamentals of active and passive radar remote sensing, followed by radar scattering mechanisms. The various levels of microwave data sources, applicability of the resources in mapping of agriculture, deformation, etc. are also discussed.

Finally, the lecture went on well with good number of participants involving themselves throughout the lecture and got benefitted



Snapshot of the online guest lecture.



**Electronics &  
Communication  
Engineering**

CATEGORY 1  
UNIVERSITY  
BY THE GOVT. OF INDIA

KL ACCREDITED BY  
NAAC WITH A++  
OFFICE

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2022

RANKED 27  
AMONG ALL  
UNIVERSITIES

42 YEARS OF  
EDUCATIONAL  
LEADERSHIP



K L UNIVERSITY  
IEEE Student Branch



in Association with  
IEEE MTT-S SBC, KLEF

Guest Lecture

10.00 AM on 10th November, 2022



**SYNTHETIC APERTURE  
RADAR REMOTE SENSING  
BASICS AND APPLICATIONS**

Speaker



**Dr. Unmesh Khati**

Assistant Professor Department of Astronomy,  
Astrophysics and Space Engineering  
Indian Institute of Technology Indore  
Khandwa Road, Simrol Indore, Madhya Pradesh,  
India- 453552

Program Chairs

**Dr.M.Suman,**  
Professor, HOD, ECE

**Dr. M. Goutham,**  
Professor, HOD, ECE, KLH

Technical Advisors

**Dr. D. V. Ratnam**  
Prof. & Head (Research), ECE

**Dr. K.S Ramesh**  
Professor and CSRG Head, ECE

Faculty Adviser IEEE MTT-S SBC, KLEF

**Dr. Arjuna Muduli**

Assoc.Prof, Department of ECE

Program Convenors

**Dr. Sampad Kumar Panda**

Assoc.Prof, Department of ECE

**Dr. Lakshman Pappula**

Assoc.Prof, Dy HOD, Department of ECE

Co-Convenor

**Mr. K T P S Kumar**

Assistant Professor, Department of IoT

Registration link : <https://forms.office.com/r/pTnr4KQkGP>

contact no: +91-9392665582, E-Mail: [sampadpanda@kluniversity.in](mailto:sampadpanda@kluniversity.in)

**List of Students**

<b>S. No</b>	<b>Regd. No</b>	<b>Name</b>
1	2100010001	ALLAM SAI SREE THANAY
2	2100010002	BOBBA DEVI SRI SIDDHARTHA
3	2100010003	CHAGAMREDDY BAVITHA
4	2100010004	BOYAPATI JASVITHA
5	2100010005	JOAN SARAH AJI
6	2100010006	KOLLURU NAGA ROOPASREE
7	2100010007	PADAMATA VENKATA BHAVANA
8	2100010008	GOWRI SRI VARSHA R
9	2100010009	RAVULA NANDINI
10	2100010010	SHAIK MD NAUSHEEN SALMA SULTANA
11	2100010011	T MANAS
12	2100010012	THOTAKURA SAI SWETHA
13	2100010013	VEERLA NAGA TRISHANKA
14	2100010014	TUMMALACHARLA PRAVEEN
15	2100010015	KURAPATI PRATHIKA SHALOM
16	2100010016	CHOPPAVARAPU SINDHU
17	2100010018	KOSURI HUTHA PRIYANKA
18	2100010019	BHIMIREDDY BHAASHITHA
19	2100010020	LEENA SAI GUDELA
20	2100010021	NADAKUDURU TEJASWI
21	2100010022	GEYA GOVIND
22	2100010023	NARNE NAGINI
23	2100010024	NANDIGUM SAI ANVESH
24	2100010025	KADIYALA YOSHITHA
25	2100010026	KUDALI VINEETHA
26	2100010027	PAPPULA VARSHITHA
27	2100010028	MACHAVARAPU BHAVITHAVYA KUMAR
28	2100010029	KURRA SHRINIDHI
29	2100010030	PANCHAKARLA LAASYA LALITHA SRI
30	2100010031	Amulya Sai Mandava
31	2100010033	KORLIPARA NAGA SAI ABHIRAM
32	2100010034	PEDDIREDDY VENKATA SAI DEEPIKA
33	2100010035	KROVVIDI HIMABINDU
34	2100010036	CHEGIREDDY KAVYA
35	2100010037	KASA JASWANTH KALYAN
36	2100010038	RUSHITHA DEEKSHITULA
37	2100010039	SHAIK MOHAMMED AATHIQ JAZEE

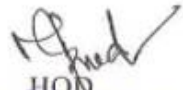
38	2100010040	POTHURI VISHNU
39	2100010041	PUDI VAMSHIKA
40	2100010042	THOTAKURA BHAVYA SRI
41	2100010043	DAMISETTY JAHNAVI DEVI
42	2100010044	BUDITHI PUSHPA HANSA SREE SUSAN
43	2100010045	GULLAPALLI VENNELA CHOWDARY
44	2100010046	MARAM VIGNAYA
45	2100010047	VUPPALAPATI MANOGNA
46	2100010048	DIVI HARIKA
47	2100010049	REDDEM ABHINAYA
48	2100010050	AREPALLI YAMINI
49	2100010051	MEKALA DEEKSHITA
50	2100010052	PULIMI SRI LASYA
51	2100010053	BADE DURGA BHARGAVI
52	2100010054	KUCHIBHOTLA ABHINAYA SRAVANI
53	2100010055	POLOJU AKSHITHA
54	2100010056	JAVVADI AYYAPPA
55	2100010057	CHINTHAKUNTA ASHRITHA
56	2100010058	SEVELLA VINAYA
57	2100010059	DRUTHIMA CHOWDARY CHIGURUPATI
58	2100010060	VAZRALA BHAVYA SAI
59	2100010061	GURRAM MADHU BHAVANA
60	2100010062	SRIKARAM ADARSH
61	2100010063	VADLAPUDI MEGHANA
62	2100010064	ALLA SANDHYA
63	2100010065	TALLA SWATHI
64	2100010066	SESHA BHAVANA JAGARLAPUDI
65	2100010067	PASULAPATI AKHILA
66	2100010068	NELIBANDA SREEDEVI
67	2100010069	KORUKONDA SATWIK
68	2100010070	SRIPERAMBUDURU NAGAVENKAT
69	2100010071	PILLI HARSHA PRIYA
70	2100010072	JEESHITHA KUDITHIPUDI
71	2100010073	PALAPATI ANANDA CHANDRIKA
72	2100010074	ALAPAKA HARSHITHA
73	2100010075	DOPPALAPUDI PAVANI
74	2100010076	NIMMAGADDA GEETHIKA LAKSHMI
75	2100010077	BIKKINA ABHINAYA
76	2100010078	B LIKHITHA

77	2100010079	THOVITI HARIKA
78	2100010080	ANGUVEEDU SIVANI
79	2100010081	DEVARASETTY LAKSHMI SUPRIYA
80	2100010082	MOHAMMED ROOHI
81	2100010083	MOTAMARRI ANJANI DEVI
82	2100010084	SHAIK BAJI
83	2100010085	JONNALAGADDA DOONDI RAJA
84	2100010086	PUPPALA LALITHA
85	2100010087	PARVATHANENI MAANVITHA
86	2100010088	MOHIUDDIN MOHAMMED YAGOUB ATIM
87	2100010089	MOHAMMAD IZRA ALMAS
88	2100010090	SAIF SHAIK
89	2100010091	PALLEM PRATHYAKSH BHUSHANAM
90	2100010092	MUSUNURU HARINI
91	2100010093	SANGANAPALLI SAKETH
92	2100010094	DARAM YAMUNA REDDY
93	2100010095	SAYANA PUJITHA
94	2100010096	ANGADALA DONI SRI LAKSHMI
95	2100010097	MEDURI SRI SAI MANOJA RASAGNA
96	2100010099	JAJJARA VARA PRASANTH
97	2100010098	PRATTIPATI NAGA SARANYA
98	2100010100	RACHEL KOCHERA
99	2100010101	KARANGULA LAKSHMI SRAVANI
100	2100010102	GURRAM ANUSHA
101	2100010103	KULALA VARUN TEJA
102	2100010104	MUTYALA MOUNIKA
103	2100010105	KURAPATI LAKSHMI VENKATA SUPRAJA
104	2100010106	KESARI UDAYA SRI
105	2100010107	KATTA VARSHITHA
106	2100010108	KODALI LAKSHMI PRIYANKA
107	2100010109	MANNE SAI PRANEETHA CHOWDARY
108	2100010110	THOTA POOJITHA
109	2100010111	PUTTAPARTHI HARSHITHA
90	2100010092	MUSUNURU HARINI
91	2100010093	SANGANAPALLI SAKETH
92	2100010094	DARAM YAMUNA REDDY
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105	2100010107	KATTA VARSHITHA
106	2100010108	KODALI LAKSHMI PRIYANKA

  
 Guest Lecturer in charge  
 (Dr. Arpina Muduli)

  
 Professor In charge

  
 HOD  
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