



SHREE VENKATESHWARA HI-TECH ENGINEERING COLLEGE

Accredited by NAAC with 'A' Grade

Approved by AICTE, New Delhi and Affiliated to Anna University Chennai

Gobichettipalayam – 638 455, Erode District, Tamilnadu

Web: <http://www.svhec.com/>

PERMISSION LETTER

11.10.2021
SVHEC, GOBI.

Submitted to PRINCIPAL

Through HOD/ECE

Respected Sir,

SUB: Need of Permission for conducting a one day IETE Seminar on “Implementation and Architecture of 6G Communication”– regarding.


I would like to bring to your kind notice that we are going to organize a one day IETE Seminar on “Implementation and Architecture of 6G Communication” for our ECE students on 18.10.2021 in Auditorium at 10.00 AM, So I kindly request you to provide permission to conduct the program for our ECE students.

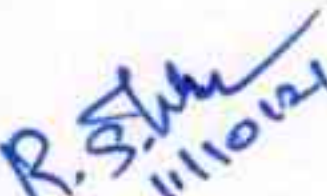
PROGRAM NAME	ACADEMIC YEAR	COMPANY RESOURCE PERSON	SEMINAR DATE	APPROXIMATE NO OF PARTICIPANTS
IETE Seminar on Implementation and Architecture of 6G Communication	2021-2022	Ms.V.Tamilselvi, Assistant Professor, JKKN College of Engineering Technology, Namakkal.	18.10.2021	102

Hence we request you to approve the same.


Thanking You

Yours Truly,


(Mr. P.P. Janarthanan, AP/ECE)
Programme Co-Ordinator


HOD




PRINCIPAL
PRINCIPAL

Shree Venkateshwara
Hi-Tech Engineering College,
Sri Kalaivani Nagar, Othakuthirai,
K.Mettupalayam (Po), Gobi-638 455.

Copy to:

- 1.IQAC
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- 6.Placement officer



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CIRCULAR

REF: SVHEC/ECE/21-22/018

Date: 11.10.2021

A one day IETE Seminar on “**Implementation and Architecture of 6G Communication**” has been organized for the Department of Electronics and Communication Engineering students on 18.10.2021 at 10.00 AM in Auditorium. All the students and faculty members are asked to make the best use of the program and make it successful as an interactive session.

Resource Person: Ms.V.Tamilselvi,
Assistant Professor,
JKKN College of Engineering Technology,
Namakkal.


PROGRAM COORDINATOR


HOD/ECE

HOD / ECE

Shree Venkateshwara
Hi - Tech Engineering College
Othakuthirai, K.Mettupalayam (Po)
Gobi - 638 455, Erode (Dt), TN.

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IETE Seminar on

Implementation and Architecture of 6G Communication

Date: 18.10.2021

Time: 10.00 AM

AGENDA

Welcome Address: Dr.C.M.Preethi
Associate Professor / ECE / SVHEC

Lighting of Kuthuvilaku: By Dignitaries

Presidential Address: Dr.P.Thangavel
Principal/ SVHEC

Honoring of Chief Guest and
felicitation: Thiru K.C. Karupannan, Avl
Secretary / SVHEC

Special Address: Thiru G.B. Kettimuthu, Avl
Joint Secretary / SVHEC

ThiruP.Venkatachalam,Avl
Chairman / SVHEC

Introduction of Chief Guest: Dr.R.S.Kamalakannan
Assistant Professor / HOD / ECE
SVHEC

Chief Guest Address: Ms.V.Tamilselvi,
Assistant Professor,
JKKN College of Engineering
Technology, Namakkal.

Vote of Thanks: Ms.S.AYISHA,
Assistant Professor / ECE / SVHEC



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A One Day IETE Seminar on

Implementation and Architecture of 6G Communication

Feedback Form

Date: 18.10.2021	Delivered By: Ms.V.Tamilselvi, Assistant Professor, JKKN College of Engineering Technology, Namakkal
Topic: Implementation and Architecture of 6G Communication	

E –Excellent VG – Very Good G – Good S- Satisfactory

Questions	E	VG	G	S
Topics of the speakers was relevant to my area of interest / Job			✓	
Speaker was able to explain the topics clearly & used relevant examples		✓		
Speakers was able to make the lecturer interactive & Made me feel engaged			✓	
Speakers was able to positively influence my views towards the Programme			✓	
In near future, I would like to attend more lecturer from the same speakers	Yes / NO			
Kindly put forward suggestions / Comments (If any) : I learned many thing from this session				

HARIYAPRIYA M

STUDENT SIGNATURE

HARIYAPRIYA .M

(732520106010)



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Speakers was able to make the lecturer interactive & Made me feel engaged			✓	
Speakers was able to positively influence my views towards the Programme			✓	
In near future. I would like to attend more lecturer from the same speakers	Yes / NO			
Kindly put forward suggestions / Comments (If any) : This session was useful for me				

S. Growthani

STUDENT SIGNATURE

S. Growthani

(732520106009)



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Feedback Form

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Topic: Implementation and Architecture of 6G Communication	

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Questions	E	VG	G	S
Topics of the speakers was relevant to my area of interest / Job		✓		
Speaker was able to explain the topics clearly & used relevant examples			✓	
Speakers was able to make the lecturer interactive & Made me feel engaged			✓	
Speakers was able to positively influence my views towards the Programme			✓	
In near future. I would like to attend more lecturer from the same speakers	Yes / NO			
Kindly put forward suggestions / Comments (If any) :				
This session was useful for my carrier				

STUDENT SIGNATURE

AAKASH . A

732520106301



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

“One Day IETE Seminar on “Implementation and Architecture of 6G Communication”

STUDENT ATTENDANCE

DATE: 18.10.2021

S.No	Year & Sem	Register No	Student Name	Signature
1	II / III	732520106002	BHUVANESHWARI P	Bhuv. P
2	II / III	732520106003	BHUVANESWARI M	Bhuv. M
3	II / III	732520106005	DARMARAJ D	Darm. D
4	II / III	732520106006	DEEPIGA R	Deepi. R
5	II / III	732520106008	GOWTHAM J	Gowtham. J
6	II / III	732520106009	GOWTHAMI S	S. Gowthami
7	II / III	732520106010	HARIPRIYA M	HARIPRIYAM
8	II / III	732520106011	HEMALATHA P	Hemalatha. P
9	II / III	732520106012	HEMA SREE K	hemashree
10	II / III	732520106013	JEEVANANTHAM J	Jeevan. J
11	II / III	732520106014	KARTHI P	Karthi. P
12	II / III	732520106015	KAVIYA E	Kavi. E
13	II / III	732520106016	KAVIYARASU M	Kaviyasu. M
14	II / III	732520106017	KOKILA C	Kokila. C
15	II / III	732520106018	MOHANA B	Mohana. B
16	II / III	732520106019	MOHANAMBIGAI C	Mohan. C
17	II / III	732520106020	MOHAN PRADEEP N	Mohanpradeep. N
18	II / III	732520106021	MOHANRAJ S	Mohanraj. S
19	II / III	732520106022	NAGARAJ S	nagaraj. S



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20	II / III	732520106023	NIRMALKUMAR N	<i>N. Nirmal</i>
21	II / III	732520106024	POOVARASAN P	<i>P. Poovarasan</i>
22	II / III	732520106025	POOVIKA V	<i>V. Poovika</i>
23	II / III	732520106026	PRADEEP K	<i>K. Pradeep</i>
24	II / III	732520106027	PRADEEPA M	<i>M. Pradeepa</i>
25	II / III	732520106029	RAAGHUL K	<i>K. Raaghul</i>
26	II / III	732520106030	SAKTHIVEL K	<i>K. Sakthivel</i>
27	II / III	732520106031	SAMINATHAN K	<i>K. Saminathan</i>
28	II / III	732520106034	SARATHKRISHNAN R	<i>R. Sarathkrishnan</i>
29	II / III	732520106035	SHANTHIYA S	<i>S. Shanthiya</i>
30	II / III	732520106036	TAMILARASI B	<i>B. Tamilarasi</i>
31	II / III	732520106037	UMESH V	<i>V. Umesh</i>
32	II / III	732520106038	VAISHNAVI M	<i>M. Vaishnavi</i>
33	II / III	732520106039	VANIPRIYA V	<i>V. Vanipriya</i>
34	II / III	732520106040	VARSHINI S	<i>S. Varshini</i>
35	II / III	732520106041	VASANTH S	<i>S. Vasanth</i>
36	II / III	732520106042	VISHALINI S	<i>S. Vishalini</i>
37	II / III	732520106043	VITHYA M	<i>M. Vithya</i>
38	II / III	732520106301	AAKASH A	<i>A. Aakash</i>
39	II / III	732520106302	AJITH B	<i>B. Ajith</i>
40	II / III	732520106303	ARULKUMAR R	<i>R. Arulkumar</i>
41	II / III	732520106304	BALAMURUGAN V	<i>V. Balamurugan</i>
42	II / III	732520106305	BARATH A	<i>A. Barath</i>
43	II / III	732520106306	DHARANEESH M	<i>M. Dharaaneesh</i>
44	II / III	732520106307	ELANGO S	<i>S. Elango</i>
45	II / III	732520106308	GOKUL T	<i>T. Gokul</i>



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46	II / III	732520106309	GOKULAPRIYA A	Gokulapriya A
47	II / III	732520106310	GOKUL RAJA K	Gokulraj K
48	II / III	732520106311	GOPAL K	Gopal K
49	II / III	732520106312	GOWTHAM G	Gowtham G
50	II / III	732520106313	GUHAN S	Guhans
51	II / III	732520106314	ISWARYA S	Isu
52	II / III	732520106315	KAVIN P	Kavin P
53	II / III	732520106316	KOKILA R	Kokila R
54	II / III	732520106317	KUMARAN A	Kumaran A
55	II / III	732520106318	MUGESH VASANTH KUMAR S	Mugesh S
56	II / III	732520106319	PRAVEEN KUMAR T	Praveen K M.
57	II / III	732520106320	PRIYANKA R	Priya R
58	II / III	732520106321	RAGAVAN P	Ragavan
59	II / III	732520106322	RAGUVIYASAN S	Ram S
60	II / III	732520106323	RESIKA S	Resika
61	II / III	732520106324	RUBAN A	Rubana
62	II / III	732520106325	SASI M V	Sasi
63	II / III	732520106326	SATHISHKUMAR M	Sathish
64	II / III	732520106327	SURYA T	Surya T
65	II / III	732520106328	THANIKACHALAM G	Thanika
66	II / III	732520106329	VINOTHKUMAR S	Vinutham S
67	III / V	732519106002	DHARMENDHIRA G.G	Dharmendra
68	III / V	732519106003	GOKUL K	Gokul K
69	III / V	732519106004	GOKULAKRISHNAN M	Gokulakrishnan M
70	III / V	732519106005	JAIKRISHNAN A.P	Jai Krishna



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71	III / V	732519106006	JEBASTIN J	Jebastin J
72	III / V	732519106007	KEERTHANA V	Keerthana V
73	III / V	732519106008	KOKILAVANI P	Kokilavani P
74	III / V	732519106009	KOWSALYADEVI M	M. Kowsalyadevi
75	III / V	732519106010	MADHAN D	Madhan D
76	III / V	732519106011	MANGAIYARKARASI E	Mangaiyarkarasi E
77	III / V	732519106013	MEENAKSHI S	Meenakshi S
78	III / V	732519106014	NAGALOGESHWARI M	Nagalogeshwari M
79	III / V	732519106015	PRASANTH A K	Prasanth A K
80	III / V	732519106016	RAHUL M	Rahul M
81	III / V	732519106017	SOUNDARYA M	Soundarya M
82	III / V	732519106018	SRIMATHI K	Srimathi K
83	III / V	732519106019	UMA ABIRAMI A	Uma Abirami A
84	III / V	732519106020	VASANTH N	Vasanth N
85	III / V	732519106302	NIVETHA P	Nivetha P
86	III / V	732519106304	RAJA RAJESWARI D	Raja Rajeswari D
87	III / V	732519106307	SHANMUGAPRIYA A	Shanmugapriya A
88	IV / VII	732518106001	BARANEETHARAN B	Baraneetharan B
89	IV / VII	732518106002	BHARANIDHARAN R	Bharanidharan R
90	IV / VII	732518106003	DHARANIDHARAN M	Dharanidharan M
91	IV / VII	732518106005	GOKUL K	Gokul K
92	IV / VII	732518106006	GOKUL S	Gokul S
93	IV / VII	732518106007	ISWARYA S	Iswarya S
94	IV / VII	732518106008	JAGATHEESH M	Jagatheesh M
95	IV / VII	732518106010	KANNIYAMMA A	Kanniyamma A
96	IV / VII	732518106011	KARTHIKA M	Karthika M

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97	IV / VII	732518106012	KAVIPRIYA M	Kavipriya M
98	IV / VII	732518106013	KAVIYA PRIYA M	Kaviya Priya M
99	IV / VII	732518106014	KIRUBHAKAR K	Kirubakar K
100	IV / VII	732518106015	KIRUTHIGA T	Kiruthiga T
101	IV / VII	732518106016	MEGHARAJ S	Megharaj S
102	IV / VII	732518106017	MENAGA B	Menaga B

[Signature]
18/10/21

COORDINATOR

[Signature]
18/10/21

HOD

HOD / ECE

**Shree Venkateshwara
Hi - Tech Engineering College
Othakuthirai, K.Mettupalayam (Po)
Gobi - 638 455, Erode (Dt), TN.**



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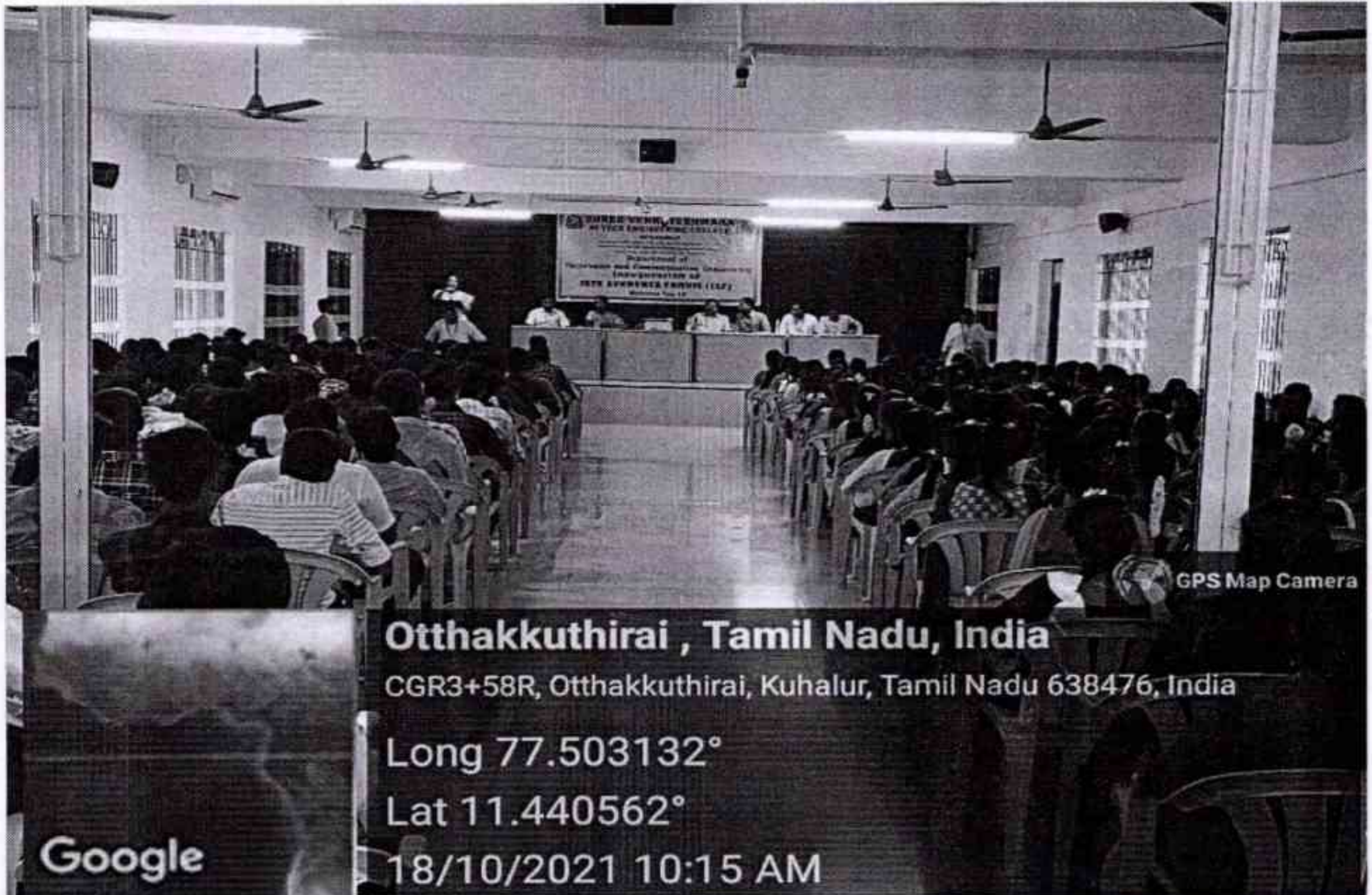
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A One Day IETE Seminar on

“Implementation and Architecture of 6G Communication”

Seminar Session Photo's

Date: 18.10.2021



[Signature]
18/10/21

PROGRAM CO-ORDINATOR

[Signature]
18/10/21

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

IETE Seminar on

“Implementation and Architecture of 6G Communication”

Date of Seminar: 18.10.2021

REPORT

The Key future of Implementation and Architecture of 6G Communication

- 6G will operate in the Terahertz (THz) frequency bands, enabling data rates up to 1 Tbps. This allows ultra-fast communication for data-intensive applications like holography and immersive VR. However, high frequencies will require new antenna designs and beam forming techniques to overcome propagation challenges.
- Artificial Intelligence (AI) will be deeply integrated into 6G, enabling self-optimizing networks that can manage traffic, allocate resources dynamically, and improve energy efficiency. AI will also help in automating network functions, reducing human intervention, and boosting overall network performance.
- To support the increased capacity and speed demands of 6G, advanced massive MIMO (Multiple Input Multiple Output) technology will be implemented. Beam forming will direct signals precisely to users, enhancing signal strength and reducing interference in high-density environments.
- 6G will integrate Non-Terrestrial Networks like satellites, UAVs (drones), and high-altitude platforms (HAPS) to offer global coverage, including in remote, rural, and oceanic regions. This will provide seamless, high-speed connectivity anywhere on Earth.
- 6G will incorporate enhanced security frameworks with technologies like Quantum Key Distribution (QKD) and post-quantum cryptography to ensure highly secure communication. These advancements will protect against future cyber threats, especially as data exchanges and connected devices proliferate.

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