



R.M.K. COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

GUEST LECTURE DETAILS-ACADEMIC YEAR 2023-24 (EVEN SEM)

Sl.No	Date	Participants	Title	Resource Person's Name, Designation, with official details
1.	23.2.2024	II Year Students	Decoding Automotive Industry	Mr.Manikanta Sai Venkatesh.P Model Based System Engineer (MBSE), KPIT Technologies, Bangalore
2.	24.2.2024	All the three-Year Students and Faculty	India's Vision Towards 6G	Dr.K.C.Sriharipriya, Associate Professor School of Electronics Engineering (SENSE), Vellore Institute of Technology, Vellore.
3.	1.3.2024	III Year Students	IIR Insight: Real-Time Applications and Demonstrations of Infinite Impulse Response Filters	Mr.B.A. Eswara Prabhu Senior Engineer, Harman International, Bangalore
4.	2.3.2024	III Year Students	Full Stack Mastery: Bridging Frontend and Backend For Developers	Ms.M.Shobana, Technical Head, NIIT Ltd.,Chennai
5.	16.3.2024	II Year Students	Engineering Evolved: Embracing Continuous Learning	Mr.Kiran R Lead Engineer, Presidio Solutions Private Ltd.,Chennai
6.	16.3.2024	III Year Students	Bridge To Success: Navigating Placement Preparedness for Your First Job	Mr.Kiran R Lead Engineer, Presidio Solutions Private Ltd, Chennai
7.	23.4.2024	III Year Students	Advancements in Antenna Design: Enhancing Performance Across Diverse Applications	Dr.Sangeetha S, Assistant Professor, Dept. of ECE, Anna University, Chennai


1.Guest Lecture on “Decoding Automotive Industry”

A Guest Lecture titled, " **Decoding Automotive Industry**" was organized by the ECE Department, on **23rd February, 2024** at 1.30 pm for II year ECE students.

Resource Person : Mr.Manikanta Sai Venkatesh.P
Model Based System Engineer (MBSE),
KPIT Technologies, Bangalore

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ORGANIZES
A GUEST LECTURE ON
"DECODING AUTOMOTIVE INDUSTRY"
Resource Person


on 23.2.2024, Friday
1.30 to 3 pm
New Block Seminar Hall

Mr.Manikanta Sai Venkatesh.P
Model Based System Engineer (MBSE),
KPIT Technologies, Bangalore

ORGANIZING COMMITTEE

Smt. Manjula Munirathinam Chairperson	Dr.R.S.Munirathinam Founder-Chairman	Shri.R.Jothi Naidu Director	Shri.R.M. Kishore Vice Chairman
Shri.Yalamanchi Pradeep Secretary	Dr. Durgadevi Pradeep Vice Chairperson	Smt.Sowmya Kishore Trustee	Dr.M.S.Palanichamy Advisor
Shri. T. Pitchandi Advisor	Shri. V. Manoharan Advisor	Dr.K.Ramar Principal	Dr.K.Sivaram Dean-Research
Dr.N.Gangatharan HoD/ECE Convener	Dr. T.M.Inbamalar Professor/ECE Coordinator	Dr.Chettiyar Vani Vivekanand ASP/ECE, Coordinator	

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Session Photos



2.Guest Lecture on “India's Vision Towards 6G”

A Guest Lecture titled, " **India's Vision Towards 6G** " was organized by the ECE Department, on 24th February, 2024 at 6.30 pm for all the three year ECE students and faculty.

Resource Person : Dr.K.C.Sriharipriya,,Associate Professor
School of Electronics Engineering (SENSE),
Vellore Institute of Technology, Vellore.



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ORGANIZES
A GUEST LECTURE ON
“INDIA'S VISION TOWARDS 6G”
24.02.2024, Saturday
Resource Person

TNEA COUNSELLING CODE
1128

Dr. K.C. Sriharipriya
ASSOCIATE PROFESSOR, DEPARTMENT OF EMBEDDED TECHNOLOGY
VELLORE INSTITUTE OF TECHNOLOGY, VELLORE.

Organizing Committee

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Thiru.R.M. Kishore Vice Chairman	Thiru.Yalamanchi Pradeep Secretary	Dr. Durgadevi Pradeep Vice Chairperson	Tmt.Sowmya Kishore Trustee
Dr.M.S.Palanichamy Advisor	Thiru. T. Pitchandi Advisor	Thiru. V. Manoharan Advisor	Dr.K.Ramar Principal
Dr.K.Sivaram Dean-Research	Dr.N.Gangatharan HOD/ECE Convener	Dr.Chettiyar Vani Vivekanand Associate Professor, ECE Co-Ordinator	

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Session Screenshots

Techno Brunch (Presenting)

India's Vision towards 5G Final - PowerPoint

ITU
↓
3GPP

- Consortium of 7 SDOs : ARIB, ATIS, CCSA, ETSI, TSDSI, TTA, and TTC.
- 500 members (commercial organizations as well as academia).

↓

- Technical performance requirements, evaluation criteria, identify spectrum bands.
- Submission and evaluation of proposal.
- Release of IMT based radio specifications.

6:43 PM | ojt-upuj-kcr

Techno Brunch (Presenting)

India's Vision towards 5G Final - PowerPoint

5G : ITU Standard for 5G : IMT 2020

8 Key Capabilities
13 Technical Performance requirements

- Key technologies:
 - mm Wave, massive MIMO, OFDM framework.
- Low latency - upto 1 ms.
- Supports data rate: 1 Gbps - 10 Gbps.

↓

- Applications:
 - ✓ More faster
 - ✓ Low cost
 - ✓ Driverless Car
 - ✓ Radio Surgery
 - ✓ 8K video transmission

6:45 PM | ojt-upuj-kcr

3. Guest Lecture on “IIR Insight: Real-Time Applications and Demonstrations of Infinite Impulse Response Filters

A Guest Lecture titled, " **IIR Insight: Real-Time Applications and Demonstrations of Infinite Impulse Response Filters**" was organized by the ECE Department, on **1st March, 2024** at 10:00 pm for III year ECE students

Resource Person : Mr.B.A. Eswara Prabhu
Senior Engineer,
Harman International, Bangalore

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ORGANIZES
A GUEST LECTURE ON
" IIR INSIGHT: REAL-TIME APPLICATIONS AND DEMONSTRATIONS OF
INFINITE IMPULSE RESPONSE FILTERS"
1.3.2024, Friday @10.30 am, NB Seminar Hall
Resource Person

TNEA COUNSELLING CODE 1128



Mr. B.A. Eswara Prabhu
Senior Engineer,
Harman International, Bangalore

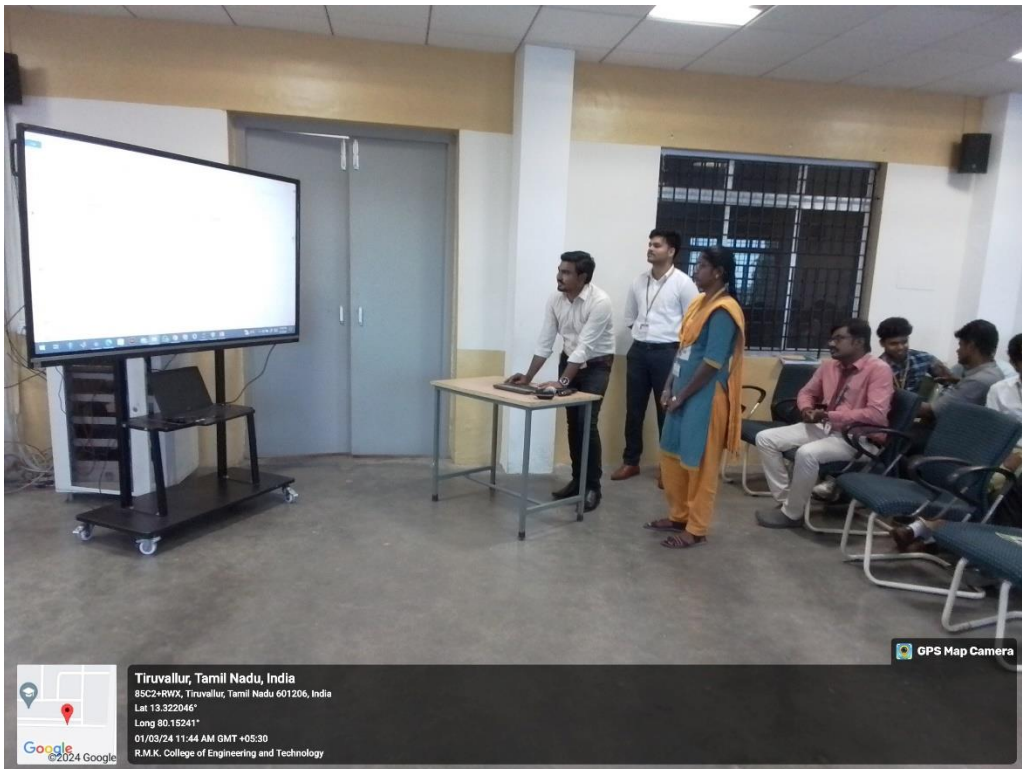
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Dr.K.Sivaram Dean-Research	Dr.N.Gangatharan HOD/ECE Convener	Dr.Chettiyar Vani V. ASP/ ECE Co-ordinator	Dr.P.Sathyaraj, AP/ECE Mr.V.Sudharsanam, AP/ECE Ms. Manimegalai L, AP/ECE Co-coordinators

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Session Photos



4. Guest Lecture on " Full Stack Mastery: Bridging Frontend and Backend For

Developers "

A Guest Lecture titled, " **Full Stack Mastery: Bridging Frontend and Backend For Developers "** was organized by the ECE Department, on **2nd March, 2024** at 1.30 pm for all the third year students and faculty.

Resource Person : : Ms.M.Shobana, Technical Head, NIIT Ltd., Chennai



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ORGANIZES
A GUEST LECTURE ON
"FULL STACK MASTERY: BRIDGING FRONTEND AND BACKEND FOR DEVELOPERS"
2.3.2024, Saturday @1.30 pm, NB Seminar Hall
Resource Person

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Ms.Shobana. M ,
Technical Head ,
NIIT Ltd, Chennai.

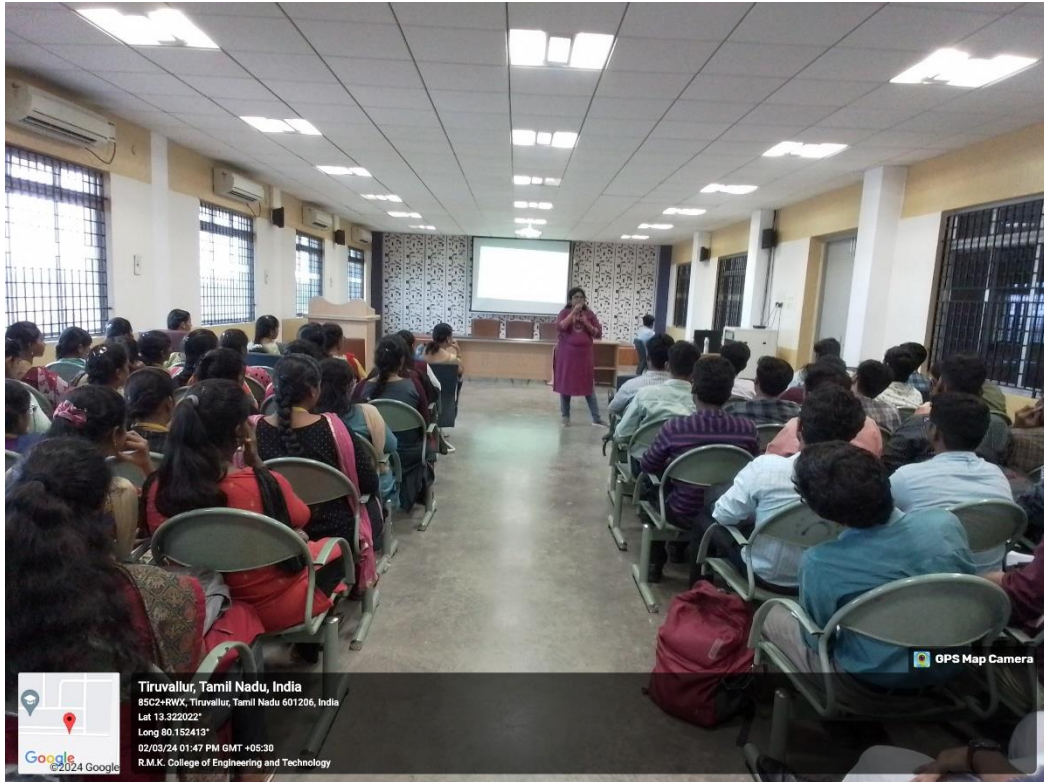
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Session Photographs



5. Guest Lecture on Engineering Evolved: Embracing Continuous Learning "

A Guest Lecture titled, " **Engineering Evolved: Embracing Continuous Learning** " was organized by the ECE Department, on **16th March, 2024** at 1.30 pm for II year ECE students

Resource Person : Mr.Kiran R
Lead Engineer, Presidio Solutions Private Ltd, Chennai

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ORGANIZES
A GUEST LECTURE ON
"ENGINEERING EVOLVED: EMBRACING CONTINUOUS LEARNING"
16.3.2024, Saturday @ 1.25 pm, NB Seminar Hall
Resource Person

Mr. Kiran R
Lead Engineer ,
Presidio Technology Solutions Pvt Ltd, Chennai

Organizing Committee

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Session Photographs






6.Guest Lecture on " Bridge To Success: Navigating Placement Preparedness for Your First Job "


A Guest Lecture titled, **Bridge To Success: Navigating Placement Preparedness for Your First Job "** was organized by the ECE Department, **16th March, 2024** at 11am for III year ECE students


Resource Person : Mr.Kiran R
Lead Engineer, Presidio Solutions Private Ltd, Chennai

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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ORGANIZES
A GUEST LECTURE ON
" BRIDGE TO SUCCESS: NAVIGATING PLACEMENT PREPAREDNESS FOR YOUR
FIRST JOB"**
16.3.2024, Saturday @ 11 am, NB Seminar Hall
Resource Person








Mr. Kiran R
Lead Engineer ,
Presidio Technology Solutions Pvt Ltd, Chennai

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7. Guest Lecture on " Advancements in Antenna Design: Enhancing Performance Across Diverse Applications "

A Guest Lecture titled, " **Advancements in Antenna Design: Enhancing Performance Across Diverse Applications** " was organized by the ECE Department, on **23rd March, 2024** at 1.30 pm for III year ECE students


Resource Person : Dr.Sangeetha S,
Assistant Professor,
Dept. of ECE, Anna University, Chennai



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ORGANIZES
A GUEST LECTURE ON
"Advancements in Antenna Design: Enhancing Performance Across Diverse Applications "
23.3.2024, Saturday @ 1.30 pm, NB Seminar Hall
Resource Person







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Dr Sangeetha S (Alumna 2009-2013)
Faculty at Electronics and Communication Engineering
College of Engineering, Guindy, Anna University,
Chennai

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