

CMR ENGINEERING COLLEGE

Kandlakoya (V), Medchal Road, Hyderabad – 501401

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Invitation Letter

Date: 15.03.2025

To,
Dr. S. Pothalaiah,
Professor, VBIT ,
Hyderabad.

Sub: Hands on session “**Network simulator-2**”- Reg.

Sir,

We understand that your area of expertise is in the field of wireless communication and in our opinion, you are the apt person to deliver an expert lecture to our IV-year Students. As per the Telecon, we are extremely delighted to invite you to deliver a Hands-on session on “**Network simulator-2**” for IV-Year, I-Sem ECE students on 15.03.2025 Should you require any further clarifications in this regard, please feel free to contact us.

We look forward for your Positive Response.

HOD

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Date:15.03.2025

Thanks giving Letter

To,

Dr.S. Pothalaiah, Professor,
VBIT,
Hyderabad.

Sub: Conveying Thanks for esteemed Hands on session on Network simulator-2- Reg.

Sir,

We would like to express our satisfaction with your Lecture on “**Hands on session on Network simulator-2**”.

It was a positive experience and we are very pleased with the lecture and feel that our student’s expectations were met. The reference material you have provided were informative and relevant to the subject.

In conclusion, we express our appreciation and gratitude towards you and hope that we meet again in times to come.

HOD

Status Report on Guest/Expert Lecture

Date: 15.03.2025

Guest Lecture On: *Hands on session on Network simulator-2*

Guest /Expert Lecture By: Dr.S. Pothalaiah, Professor, VBIT, Hyderabad.

No. of Students Presented: 95%

Materials Provided if any: Yes

Enclosed Details:

- Invitation Letter
- Guest lecture Profile
- Report for the Guest Lecture
- Thanks giving letter
- Photos
- Feedback from Students
- Feedback Analysis
- Student Attendance

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Report On “Hands-on session on Network Simulator-2”

The Hands-on session on “**Network Simulator-2**” was conducted by Department of Electronics and communication engineering in Block-II, Data Communications and Networks Lab of CMREC on **15.03.2025** in FN session. Awareness not only generates useful insight and confidence but also acts as a stimulant for academic growth. In respect of this the session is aimed to enable the participants to solve real time problems related to wireless communication and networks.

About The Speaker: -

Dr.S. Pothalaiah obtained his B. Tech degree from NIT Warangal in 2006, and master of Engineering from university college of Engineering, Osmania University in 2008, Ph. D from JNTU Hyderabad in 2017. He has 15 years of teaching experience and presently working as an Academic Planning and Director in VBIT, Hyderabad.

About The Program: -

The IV-Year-I-Sem, students of ECE assembled in the Block-II, Data communications and Networks Lab. The Speaker started his session with, the Data communication protocols and its importance in the real time applications. He explained wired and wireless scenario for how the data will move from one node to another node. He explained briefly data transfer between two nodes using various protocols, calculate the throughput, end to end delay and packet delivery ratio.

Topics Covered: -

- Introduction to Data communication
- Introduction to wireless Networks
- Wired and wireless network scenario
- Introduction to NS-2

- Data transmission between two nodes and also calculate Throughput and end to end delay in both wired and wireless Network scenario

A vote of thanks was delivered by **Mr. Papachary, Assoc Professor** at the end of the session. The students conferred their heartfelt gratitude to Dr.S. Pothalaiah, professor, VBIT, Hyderabad for sparing his valuable time towards enriching the students with the knowledge through Hands-on “**Network simulator-2**”.

At the end of the session feedback was taken on this Hands-on “ **Network Simulator-2** “ Students have expressed their satisfaction and termed the Hands-on as more informative which they have expressed in the feedback. The sample copy of students feedback is attached here with for completeness of the guest lecture report.

HOD

PRINCIPAL

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Guest Lecture Evaluation Form

Roll Number:

Date:

Speaker:

Subject:

Please Evaluate the instructor on the items listed below by checking the appropriate box:

| S.NO | ITEMS | Excellent | Very Good | Good | Satisfactory | Poor |
|------|--|-----------|-----------|------|--------------|------|
| 1 | The instructor communicated ideas and concepts clearly | | | | | |
| 2 | The instructor demonstrated a thorough grasp of the course material | | | | | |
| 3 | The instructor explained the material in an instructing manner | | | | | |
| 4 | The instructor was well organized | | | | | |
| 5 | The instructor encouraged participation in class | | | | | |
| 6 | The pace of the lecture was good | | | | | |
| 7 | The Practice exercise contributed greatly to my understanding of the subject | | | | | |
| 8 | The instructor used good examples in the knowledge | | | | | |
| 9 | Content of lecture is helpful to improve the knowledge | | | | | |
| 10 | The instructor used class time efficiently | | | | | |
| 11 | The objectives for the class were stated clearly at the beginning of the class | | | | | |
| 12 | The instructor stimulated my interest in the subject | | | | | |

5: Excellent 4: Very Good 3: Good 2: Satisfactory 1: Poor

Other Comments:-

THANK YOU VERY MUCH FOR YOUR FEEDBACK

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FEEDBACK ANALYSIS

For this lecture 277 number of students are attended. The feedback forms from the students are collected and analyzed. The analysis is given below.

| S.NO | CONTENTS | Excellent (5) | Very Good(4) | Good (3) | Satisfactory (2) | Poor (1) |
|------|---|------------------|-----------------|-------------|---------------------|-------------|
| 1. | Communicating ideas | 68 | 1 | 1 | | |
| 2. | Demonstration of the course material | 64 | 3 | 2 | 1 | |
| 3. | Explanation in the interesting manner | 65 | 3 | 2 | | |
| 4. | Well organized | 68 | 1 | 1 | | |
| 5. | Participation Encouragement in the class | 69 | 1 | | | |
| 6. | Pace of the lecture | 69 | 2 | | | |
| 7. | Practice exercises | 69 | 1 | | | |
| 8. | Use the good examples in the lecture | 67 | 3 | | | |
| 9. | Helpful for the improving knowledge | 69 | 1 | | | |
| 10. | Time efficiency | 67 | 2 | 1 | | |
| 11. | Cleared the objectives at the beginning | 67 | 2 | 1 | | |
| 12. | Stimulate the student interest in the subject | 68 | 1 | 1 | | |

From the above analysis most of the students are satisfied with his lecture.

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Hands-on session Photos on “ Network Simulator -2”



CMR
EXPLORE TO INVENT







CMR ENGINEERING COLLEGE
UGC AUTONOMOUS
Kandlakoya (V), Medchal Road, Hyderabad – 501401

College Code
CMRN


**Department of
Electronics & Communication Engineering**

A Hands-on Session on

NETWORK SIMULATOR-2





by
Dr. S. Pothalaiah
Professor,
Vignana Bharathi Institute of Technology

Coordinator
Mr. B. Papa Chary
Assoc. Prof. Dept. of ECE

Convenor
Dr. Suman Misra
HOD, Dept. of ECE

Chief Patrons
Sri Ch. Narasimha Reddy
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Principal

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**DCN Lab
B-Block**



