



Learn Beyond

**KPR Institute of Engineering and Technology**

(Autonomous, NAAC "A")

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CS001

**NBA Accredited**  
(CSE, ECE, EEE,  
MECH, CIVIL)**ADVANCED NON-LINEAR DATA STRUCTURE CONCEPTS**

Event No	CS001
Organizing Department	Computer Science and Engineering
Date	29/10/2022
Time	10:30 AM to 12:30 PM
Event Type	Guest Lecture
Event Level	Dept. Level
Meeting Medium	
Meeting Link	<a href="https://meet.google.com/jdv-pksv-ikn">https://meet.google.com/jdv-pksv-ikn</a>
Total Participants	183
Faculty - Internal	3
Students - Internal	180

**Related SDG****Resource Persons**

Sl	Type	Name	Designation	Company	Email	Phone
1	Resource Person	K PUGAZHARASI	ASSISTANT PROFESSOR	KONGU ENGINEERING COLLEGE ,ERODE	pugazharasi@gmail.com	xxxxxxxxxx

**Involved Staffs**

Sl	Name	Role
1	Kandasamy Sellamuthu	Coordinator
2	Sasikala C	Coordinator
3	Jeevitha R	Coordinator
4	Yuvaraj S	Convenor

**Outcome**

- 1.Basic idea about non linear data structure
2. Indexing and retrieving the data
- 3.The best way to organize the data in tree and graph

**Event Summary**

Department of CSE, organized an online guest lecture titled "Advanced Non- linear data structure " on 29.10.2022 as part AY 2022-23 odd semester activity . The students from all the three sections of II CSE attend the lecture.

Chief guest Mrs. K PUGAZHARASI working as a Assistant professor (Sr.G) , Department of computer science engineering in KONGU ENGINEERING COLLEGE ,ERODE. She has 14 years experience in this field .

Mr. S. Kanadhasamy Ap(SrG) , department of computer science engineering delivered a welcome address .After the welcome address, chief guest Mrs. K PUGAZHARASI start her session. The lecture started with introduction about non linear structures like tree and graph .Also explained the implementation ideas and operations of non linear data structures.It include the utilizes computer memory efficiently in comparison to a linear data structure. Its examples are tree and graph. also shared both advantages and disadvantages of non linear data structures.

Totally 180 students participants in this guest lecture.

This session went for 2 hours . After doubt clarification session , the participants thanked the resource person and event organizers for a wonderful session .we received many postivie feedback regarding this session.

KPR Institute of Engineering and Technology (Autonomous, NAAC "A")  
Department of Computer Science and Engineering (Autonomous, NAAC "A")  
Organizes an Guest Lecture on  
**Advanced Non Linear Data Structure Concepts**  
Resource Person  
**K.Pugazharasi**  
Assistant Prof / CSE  
Kongu Engineering college  
Erode  
29 OCT • 10:30 AM  
<https://meet.google.com/jdv-pksv-ikn>  
Coordinator: Mr S Kandasamy AP(CSE), Ms R Jeevitha AP(CSE), Ms C Sasikala AP(CSE)  
Convener: Dr N Yuvraj HOD/CSE  
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jd-v-pksv-ikn

Pugazharasi is presenting

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use the AVL search-tee-insertion algorithm

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