



Learn Beyond

KPR Institute of Engineering and Technology

(Autonomous, NAAC "A")

Avinashi Road, Arasur, Coimbatore.

Phone: 0422-2635600**Web:** kpriet.ac.in**Social:** kpriet.ac.in/social**AM006****NBA Accredited**
(CSE, ECE, EEE,
MECH, CIVIL)**C PROGRAMMING - AN INDUSTRY PERSPECTIVE**

Event No	AM006
Organizing Department	Artificial Intelligence and Machine Learning
Associate Dept. NSC	Artificial Intelligence and Machine Learning
Date	14/11/2022 to 18/11/2022 (5 Days)
Time	09:30 AM to 04:30 PM
Event Type	FDP
Event Level	Institute
Venue	Intel Lab (NMS Lab)
Registration Link	https://forms.gle/bag99H1QEYP3483h8
Total Participants	17
Faculty - Internal	17

Related SDG**Resource Persons**

Sl	Type	Name	Designation	Company	Email	Phone
1	Resource Person	Mr YOGESH RAJE	Technical Trainer	Intel FICE	yogesh@fice.in	xxxxxxxxxx
2	Resource Person	Mr BHAWANI SHANKAR SAHU	Technical Trainer	Intel FICE	bhawani@fice.in	xxxxxxxxxx

Involved Staffs

Sl	Name	Role
1	Pandiya Rajan G	Coordinator

Outcome

Discuss the problem solving through computer programming.
 Evaluate the reusability of the developed programs.
 Extend the various control statement and loop structures.
 Experiment the different array concepts.
 Develop programs for pointers.
 Develop programs for string manipulate.

Event Summary

KPR Institute of Engineering & Technology (Department of CSE - AIML) has signed an MoU with INTEL FICE to implement the Intel® Faculty Development Program in our institute. The memorandum entailed the establishment of Intel® Intelligent Systems Lab with associated curriculum, training of the trainers and mentoring along with ongoing collaboration/support. FICE uses a combination of methods for effective knowledge transfer and skill development, keeping in mind the convenience of the program participants and the partner institutes. The Intel® Faculty Development Program was implemented successfully at KPR Institute of Engineering & Technology using the below-mentioned delivery methodologies.

Day 1:
 Introduction to ANSI C, Namespaces - Structure of C program - Data Types and Operators - Types of Statements (Conditions and Loops) - Logical Programming (Exercises)

Day 2:
 N Dimensional Arrays - Working with Strings - Pointers - User defined Functions - Logical Programming (Exercises)

Day 3:
 Recursive Functions - C Libraries - Enum, Structure and Union - File Handling - Logical Programming (Exercises)

Day 4:

Object Oriented Programming Paradigms with C++ - Inheritance and access specifiers - Overloading and overriding concepts - Abstract Classes and virtual functions - Logical Programming (Exercises)

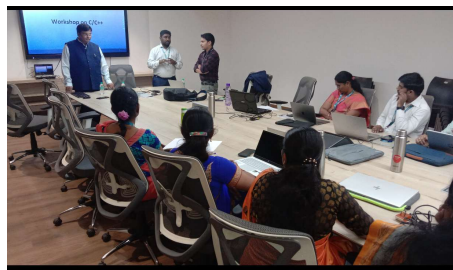
Day 5:

Intel oneAPI and DPC++ Fundamentals - Unified shared memory - Parallel processing

The Intel® Faculty Development Program achieved its objectives and goals and created the intended impact among its 17 nos. of participants empowered with market relevant skills and technical understanding, and the institute with a state-of-art, sustainable technical infrastructure. The quantitative evaluation of the participants resulted in successfully completing the program with the score of (100%)



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