KPR Institute of Engineering and Technology

Learn Beyond

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CS001

NBA Accredited
(CSE, ECE, EEE, MECH, CIVIL)

A COMPREHENSIVE C PROGRAMMING AND PROBLEM SOLVING

Event No	CS001
Organizing Department	Computer Science and Engineering
Associate Dept. | NSC	CSE Association
Date	07/08/2023 to 12/08/2023 (6 Days)
Time	09:01 AM to 12:30 PM
Event Type	Workshop
Event Level	Dept. Level
Venue	CSE dept., Special Lab
Registration Link	https://forms.gle/AZ9hKx9i3e16mLJe6
Total Participants	6
Faculty - Internal	6

Related SDG

Resource Persons

SI	Type	Name	Designation	Company	Email	Phone
1	Resource Person	Jeevitha	AP	KPRIET	jeevitha.r@kpriet.ac.in	xxxxxxxxxx
2	Resource Person	Janani	AP	KPRIET	Janani.m@kpriet.ac.in	xxxxxxxxxx
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7	Resource Person	Suguna	AP	KPRIET	suguna.k@kpriet.ac.in	xxxxxxxxxx

Involved Staffs

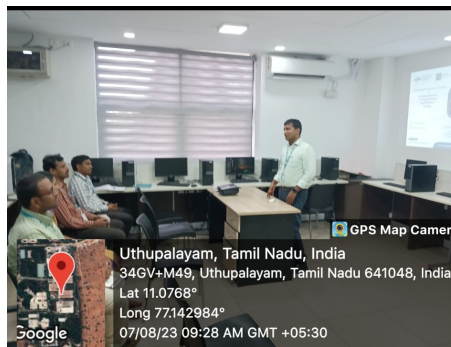| SI	Name	Role
1	Yuvaraj N	Convenor
2	Karthic S	Coordinator
3	Kamaraj K	Coordinator

Outcome

Formulate the algorithmic solution for a given computational problemDescribe modularization, structure and pointers in C languageDesign and implement algorithms for a given problem using C control structuresApply the C programming constructs for searching and sorting techniquesSolve real time problem using suitable non primitive data structures in C

Event Summary

A one-week skill-development program on 'Comprehensive C Programming and Problem Solving' is being organized by the department of computer science and engineering from August 7 to August 12, 2023. The purpose of this one-week skill-development session is to assist the instructors teaching the 'Problem Solving and C Programming' course. Six faculty members from the Dept. of ECE, BME and Mechatronics attended the program. As per the schedule and syllabus, faculty members were given knowledge transfer. The program started with demonstrating basic building blocks and sample c programs. The following topics were discussed during the program, Computational thinking on problem solving, basic problem solving approach, writing simple C program with basic building blocks of the C language, different tools, IDE available for the implementation, Structures, union, pointers and file handling. Participant were also provided with the material for handling the course. Real time application that uses C language was also discussed during the event. On all 6 days, faculty members practiced C program in the laboratory. At the end of the event, faculty members took assessment.

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