Deeksharambh 2024 report

"DEEKSHARAMBH." The Word "DEEKSHARAMBH" meanS the beginning of a neW journey or initiation. It'S a SpeCial time When you Start Something neW and important.

ThiS 21-day induCtion program iS Very important beCauSe it helpS you adjuSt to College life. During theSe three WeekS, you'll get to knoW your neW enVironment, meet neW people, and learn important SkillS. It'S a time to prepare yourSelf for the exCiting journey ahead and build a Strong foundation for your future at KIET.

Day-1:
1. Introduction to the 21-day program focusing on mobile and wearable technologies.
2. Explanation of the expected outcomes and goals for participants.

Day-2:
1. Introduction to all engineering streams offered by the college.
2. Overview of the curriculum, specializations, and career prospects in each stream

Day-3:
1. History of smartphones: Evolution from basic mobile phones to smartphones.
2. Practical: Compare early models with modern smartphones, discuss technological advancements.

Day-4:
1. Types of sensors (e.g., accelerometer, gyroscope, proximity sensor) and their functions.
2. Practical: Demonstrate sensor functionalities using smartphone apps and hands-on experiments.

Day-5:
Explanation of digital logic gates and their role in IC manufacturing.

Day-6:
1. Overview of wearable technology categories (e.g., smartwatches, fitness trackers).
2. Practical: Design and build a basic wearable device prototype using microcontrollers and sensors.

Day-7:
1. Types of displays (LCD, LED, OLED, AMOLED) and camera technologies.
2. Practical: Compare display types, explore pixel processing, and discuss camera lens technologies.

Day-8:
Working principles of smartphone processors (CPU, GPU).

Day-9:
1. Explanation of RAM, ROM, and memory management principles.
2. Practical: Analyze storage performance under different usage scenarios (e.g., multitasking, gaming).

Day-10:
Types of smartphone batteries, speakers, ports, and antenna technologies.

Day-11:
1. Overview of building a Raspberry Pi smartphone.
2. Practical: Hands-on session to assemble and configure a basic Raspberry Pi smartphone prototype.

Day-12:
Why operating system?

Day-13:
1. Importance of operating systems in smartphones.
2. Practical: Compare iOS and Android interfaces, discuss file systems and customization options.

Day-14:
1. Evolution of smartphone communication technologies (1G to 5G).
2. Practical: Analyze network speeds and connectivity using speed test tools.

Day-15:
1. Introduction to wireless technologies and their applications.
2. Practical: Set up and configure Wi-Fi networks, pair Bluetooth devices, and live IOT project.

Day-16:
1. Overview of cellular networks in smartphones (3G, 4G, 5G) and overview of mobile secuirity
2. Practical: Compare data speeds across different network generations.

Day-17:

1. Basics of app programming, UI/UX design principles.
2. Practical: Develop a simple app prototype, design user interfaces using development tools

Day-18:

1. How AI enhances smartphone operating systems and computer vision.
2. Practical: Implement AI-based features in apps, explore image recognition capabilities.

Day-19:

1. Overview of AI tools like ChatGPT, LLaMA, Meta, Gemini and How To Use YouTube Search Operators (YouTube Advanced Search
2. Practical: Experiment with ChatGPT for natural language processing tasks, explore AI models

Day-20:

Showcase projects developed by students in various clubs.

Day-21:

Conclusion of the Deeksharambh program with reflections and resolutions for future learning and career aspirations.

DEEKSHARAMBH
Chief Guest

Dr. M.Jonnalagadda
Professor

Mr.Sagar
AWS Trainer

New Leaders

BEST PERFORMERS

DEEKSHARAMBH
CLOSING CEREMONY

KIET
GROUP OF INSTITUTIONS

CERTIFICATE
OF ACHIEVEMENT

THIS CERTIFICATE IS PRESENTED TO

DASARI. NAVEEN KUMAR

Has Excelled in the

Deeksharambh: A 21-Day Induction Program

or actively participating in every activity of the Deeksharambh induction program. Your dedication and enthusiasm have set a high standard of excellence.

DEEKSHARAMBH 2024

This program was held from August 1, 2024, to August 21, 2024.

KRL

**KIET & KIEW
TOASTMASTER**

D. Revathi
Prof.Revathi Duba
PRINCIPAL

Mr.Y.Rama Krishna
PRINCIPAL

Certificate 1

KIET
GROUP OF INSTITUTIONS

CERTIFICATE
OF APPRECIATION

Performance level : Outstanding

THIS CERTIFICATE IS PRESENTED TO

PAPPALA BHARGAVI

Has Successfully Completed the
Deeksharambh: A 21-Day Induction Program

We extend our heartfelt congratulations to all participants for their unwavering commitment and dedication to learning. Your enthusiasm in embracing new technologies and adapting to the evolving landscape is truly commendable. This certificate is a testament to the hard work and knowledge gained during this program.

This program was held from August 1, 2024, to August 21, 2024.

KRL
KIET ROBOTICS LAB

KIET & KIEW TOASTMASTER

D. Revathi
Prof.Revathi Duba
PRINCIPAL

Mr.Y.Rama Krishna
PRINCIPAL

CSD-H

Certificate 2

KIET
GROUP OF INSTITUTIONS

CERTIFICATE
OF APPRECIATION

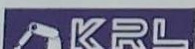Performance level : Proficient

THIS CERTIFICATE IS PRESENTED TO

D. NAVEEN KUMAR

Has Successfully Completed the
Deeksharambh: A 21-Day Induction Program

We extend our heartfelt congratulations to all participants for their unwavering commitment and dedication to learning. Your enthusiasm in embracing new technologies and adapting to the evolving landscape is truly commendable. This certificate is a testament to the hard work and knowledge gained during this program.

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KRL

KIET & KIEW

D. Revathi

KIET
GROUP OF INSTITUTIONS

DASARI. NAVEEN KUMAR

We are pleased to inform you that you have been **appointed as a Student Leader** at KIET Group of Institutions for the **current semester**. This position recognizes your commitment and potential to contribute positively to our college community.
As a Student Leader, you will serve as the primary point of contact for the nine members reporting to you. Your key responsibilities will include:

Acting as a Liaison: Facilitate communication between faculty and students, ensuring that student voices and concerns are represented and addressed.
Supporting Management Activities: Assist the management in organizing and executing various activities and events within the institution, including workshops, seminars, and cultural events.

Promoting Engagement: Encourage student participation in college activities, fostering a vibrant and inclusive campus culture.

Leadership Development: Mentor and support the members under your supervision, guiding them in their roles and responsibilities.

Feedback Collection: Gather feedback from students regarding events and activities, and relay this information to the faculty and management to enhance future initiatives.

Conflict Resolution: Address and help resolve any issues that arise among the students, promoting a positive and collaborative environment.

Reporting: Regularly report progress and challenges to the management, ensuring transparency and effective communication within the team.

Congratulations on this appointment, and we look forward to your positive contributions to our institution.

Kakinada Institute of Engineering and Technology

Vote of Thanks

A student representative expressed heartfelt gratitude on behalf of the entire batch to the institute management, faculty members, and organizers for their unwavering dedication and effort in making Deeksharambh 2024 a transformative and enriching experience.

Conclusion

The Deeksharambh 2024 closing ceremony marked the successful conclusion of the program. Through a dynamic mix of informative sessions, interactive activities, and skill-building workshops, Deeksharambh offered a solid foundation for the new batch of KIET students, empowering them for their academic journey ahead.