KPR Institute of Engineering and Technology

Learn Beyond

(Autonomous, NAAC "A")

Avinashi Road, Arasur, Coimbatore.

Phone: 0422-2635600
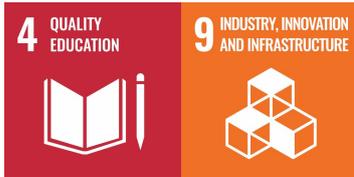**Web:** kpriet.ac.in
Social: kpriet.ac.in/social

CS001

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

ONE CREDIT COURSE ON "FOUNDATIONS OF BOOTSTRAP FRAMEWORK"

Event No	CS001
Organizing Department	Computer Science and Engineering
Date	10/05/2024 to 11/05/2024 (2 Days)
Time	09:00 AM to 04:00 PM
Event Type	One Credit Course (OCC)
Event Level	Dept. Level
Venue	III CS B Classroom

Related SDG

Resource Persons

SI	Type	Name	Designation	Company	Email	Phone
1	Resource Person	Vigneshwaran T	CEO	NandhaInfotech	vigneshwaran.t@gmail.com	xxxxxxxxxx

Involved Staffs

SI	Name	Role
1	Mohan M	Coordinator
2	Karthic S	Coordinator

Outcome

The students are able to understandResponsive Design: Bootstrap allows websites to adapt and display correctly on various devices and screen sizes, including desktops, tablets, and smartphones.Grid System: Bootstrap includes a responsive grid system based on a 12-column layout, making it simple to create flexible and responsive page layouts.CSS Components: Bootstrap offers a wide range of pre-styled CSS components such as buttons, forms, navigation bars, dropdowns, alerts, and more, which can be easily customized and integrated into your project.JavaScript Plugins: Bootstrap comes with several JavaScript plugins like modal dialogs, carousels, tooltips, and popovers, enhancing the interactivity and functionality of your website.Customizable: While Bootstrap provides ready-to-use components and styles, it's also highly customizable. You can modify the default settings, colors, fonts, and styles to match your project's design requirements.

Event Summary

The Foundations of Bootstrap workshop organized by Department of Computer Science and Engineering aimed to introduce Students to the fundamentals of Bootstrap, a popular front-end framework for building responsive and mobile-first websites. The workshop provided hands-on experience and practical insights into utilizing Bootstrap's features and components effectively.Agenda:Introduction to Bootstrap: The workshop began with an overview of Bootstrap, its features, and its importance in modern web development. Participants learned about the benefits of using Bootstrap for creating responsive and visually appealing websites.Setting Up Bootstrap: The facilitator guided participants through the process of downloading Bootstrap or linking to it via a CDN. Attendees learned how to include Bootstrap's CSS and JavaScript files in their projects and set up a basic HTML structure.Exploring Bootstrap Components: Participants delved into the wide range of pre-designed components provided by Bootstrap, including buttons, forms, navigation bars, and cards. They learned how to integrate these components into their projects and customize them according to their requirements.Responsive Design with Bootstrap Grid System: A significant portion of the workshop was dedicated to understanding Bootstrap's responsive grid system. Attendees learned how to create flexible and responsive layouts using Bootstrap's grid classes and breakpoints.JavaScript Plugins and Interactivity: The workshop covered Bootstrap's JavaScript plugins, such as modals, carousels, and tooltips, and how to enhance the interactivity and functionality of websites using these plugins. Participants gained practical experience in implementing and customizing these features.Customization and Advanced Techniques: The facilitator provided guidance on customizing Bootstrap styles, overriding default settings, and incorporating custom CSS and JavaScript to extend Bootstrap's capabilities. Participants learned advanced techniques for creating unique and personalized designs.Hands-on Exercises and Projects: Throughout the workshop, attendees engaged in hands-on exercises and mini-projects to apply their newfound knowledge of Bootstrap. They worked on creating responsive layouts, styling components, and building interactive elements under the guidance of the facilitator.

Click to View

Click to View

Click to View

*** END ***