**Summary Report: WEBD BOOTCAMP Industry Training 4.0**

**About the training:**

**Training name:** WEBD BOOTCAMP

**Date:** 25Th OCT 2023 to 8th NOV 2023

**Target Batch**: CSE 2nd Year

**No. Of session per day:** 2(02:00 pm – 04:00 pm) (04:00 pm – 06:00 pm)

**Total Training hours:** 48 hours

**Presenter:** Mr. Satendra Raj (Nium, (Software Development Engineer ) and IIT Varanasi)

**Organized By:** Computer Science & Engineering Department, Roorkee Institute of Technology (RIT), Uttarakhand

**Programme Coordinator:** Ms. Preeti Saroj

**What did the training cover?**

* A full stack web development course usually covers both front-end and back-end development technologies and concepts. Here's a general outline of topics commonly included:
* **Front-End Development:**

HTML/CSS: Creating the structure and styling of web pages.

JavaScript: Implementing interactive and dynamic features on the client side.

Responsive Design: Ensuring that web applications work well on various devices and screen sizes.

Front-End Frameworks: Learning popular frameworks React.

* **Back-End Development:**

Server-Side Languages: Such as Node.js (JavaScript).

Databases: Understanding and working with databases, including SQL (MongoDB) databases.

Server Architecture: Exploring server setup, configuration, and deployment.

API Development: Creating and consuming APIs to enable communication between the front end and back end.

* **Version Control:**

Learning tools like Git for version control and collaboration.

* **Development Tools:**

IDEs (Integrated Development Environments) and other tools commonly used in web development.

**What is expected next?**

1. **Advanced Topics:**
   * Depending on the bootcamp, you might delve into more specialized topics such as microservices architecture, serverless computing, or progressive web app development**.**
2. **Final Projects:**
   * Typically, bootcamps conclude with the development of a final project or portfolio piece that showcases your skills.
   * Collaborate with classmates on group projects to simulate real-world team dynamics.
3. **Career Preparation:**
   * Work on resume building, portfolio development, and interview preparation.
   * Some bootcamps offer job placement assistance or networking opportunities with industry professionals.

**Summary:**

We are delighted to present the report on the successful completion of the highly anticipated  Industry Training session on **"**WEBD BOOTCAMP Industry Training 4.0**".** This event was organized by the **Computer Science Department at Roorkee Institute of Technology (RIT), Uttarakhand**. The WEBD BOOTCAMP was graced by the presence of distinguished Trainer Mr. Satendra Raj (IIT Varanasi) who shared their valuable insights and expertise with the students. The WEBD BOOTCAMP featured a prominent trainer, Mr. Satendra Raj, affiliated with IIT Varanasi. His distinguished presence added significant value to the event, as he generously shared valuable insights and expertise with the participating students. The students had the opportunity to benefit from Mr. Satendra Raj's knowledge, likely gaining practical and theoretical perspectives on web development. This collaboration with an esteemed trainer from IIT Varanasi suggests a commitment to providing high-quality education and aligning the bootcamp with reputable institutions. Overall, the event likely created a platform for students to enhance their skills and understanding of web development under the guidance of an experienced and respected professional.