Report on Three Days Workshop on "MERN Stack Development" Organized by Department of Computer Application, Integral University, Lucknow in collaboration with Sipher Web Pvt. Ltd.

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Brief Report
on
Three Days Workshop on

"MERN Stack Development"

Organized by
Department of Computer Application, Integral University, Lucknow
in collaboration with Sipher Web Pvt. Ltd.

Event Overview:-

The Department of Computer Application, Integral University Lucknow, in collaboratio with Sipher Web Pvt. Ltd., successfully organized a three-day workshop on MER Stack Development from 28th to 30th January 2025. The workshop was attended b more than 250 enthusiastic students eager to enhance their skills and knowledge i modern web development technologies.

Highlights of the Event:

Day 1: Introduction and Backend Development
Session 1: The workshop commenced with an overview of the MERN stack, setting u the development environment, an introduction to MongoDB, and CRUD operations.

Session 2: The participants were introduced to Node.js and Express.js, followed by session on building RESTful APIs with hands-on exercises.

Session 3: The day concluded with backend setup for a basic MERN app, such as a To Do List or Blog.

Day 2: Frontend Development and Integration

Session 1: The second day focused on **React.js basics**, building a React app, connecti the React frontend to the Express.jsbackend, and displaying data from MongoDB.

Session 2: Participants learned about authentication with JWT, state management, and implementing user login/logout functionalities.

Session 3: The day ended with the completion of the final project and an interactive Q&
session.

Day 3: Assessment & Prize Distribution Ceremony

The final day featured an online evaluation of participants.

Prizes were distributed to the top three students, recognizing their outstanding
performance.

*The workshop provided a valuable learning experience for the students, equipping the
with the knowledge and skills required to develop projects using the MERN stack. Suc
activities should be regularly organized by the university to help students stay update
with new technologies and enhance their practical development skills.*

Winners

1st
Adarsh Agrahari
BCA 2nd Year

2nd
Elma Shariq
BCA 3rd Year

3rd

Abdul hannan

BCA 2nd Year

"A heartfelt gratitude to our dedicated organizers whose meticulous planning and unwavering commitment made this event a resounding success."

Mentor:

Prof. (Dr.) Mohammad Faisal, Head, Department of Computer Application, Integral University, Lucknow

Faculty Co-ordinators:

Mr. Shubham Kumar, Assistant Professor(Cyber Security Researcher)

Mr. Rizwan Akhtar Assistant Professor

Student Co-ordinators:

Elma Shariq 3rd year

Mohammad Farhan 3rd year

Atif Nabi khan 3rd year

Ankit Chaudhary 3rd year

Yashi Gupta 3rd year

Zoya Ziya 3rd year

Saad Anwar Ansari 3rd year

Salman Ahmad Baig 3rd year

Laraib Alam 3rd year

Qasim Khan 3rd year

Mohammad Bagir khan 3rd year

Mariyam Amjad 3rd year

Md. Amaan 3rd year

Arshi khan 2nd year

Ansha alvi 2nd year

Sameer Ansari 2nd year

Glimpses of the event :

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