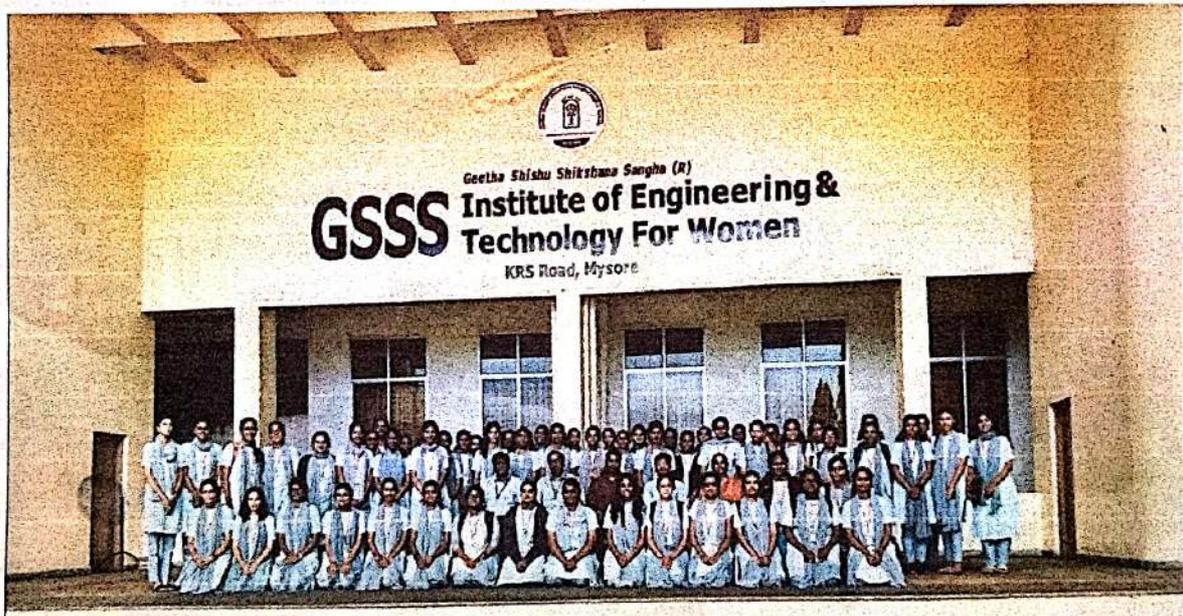# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 10/07/2024

Report on
3 Day Bootcamp on "Mastering Django and AJAX for Interactive Applications" from 3rd to 5th July 2024

The Department of Computer Science & Engineering organized a Three Day bootcamp on **"Mastering Django and AJAX for Interactive Applications"** from 3rd to 5th July 2024 for 6th Sem CSE Students. **Mr. Akshay P,** Senior Software Development Engineer, GALE, Bengaluru and **Sajid Dudekla** Software Engineer, Skill Bout Professional Service, Mysuru, were the resource persons for the Bootcamp program. The inauguration was done in the presence of **Dr. Shivakumar M**, Principal, GSSSIETW, **Dr. P Raviraj**, Professor & Head, Dept. of CSE, GSSSIETW, **Dr. Vishwesh J**, Associate Professor, Dept. of CSE, GSSSIETW and **Mrs. Usha Rani J**, Assistant Professor, Dept. of CSE, GSSSIETW.
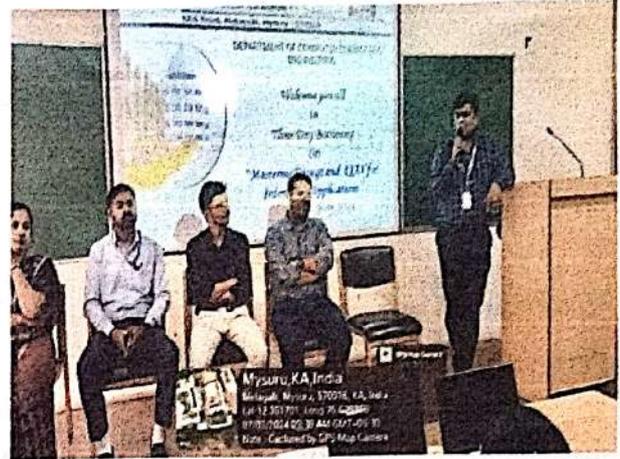

This boot camp is organized to enhance the skills of students & ensures the students to gain knowledge and practical exposure on **Django and AJAX** web development framework which are very useful for the students to gain core technical skills.

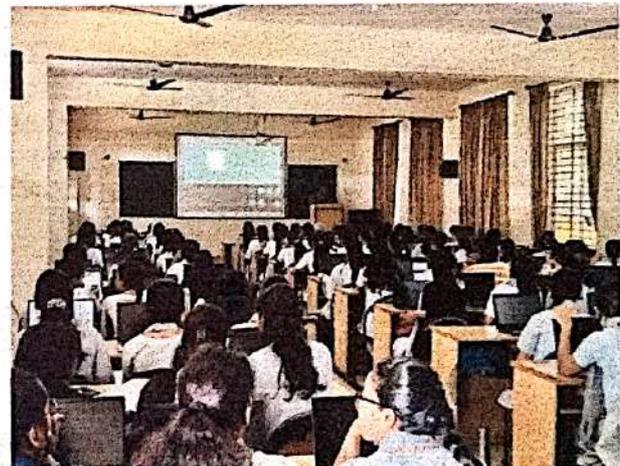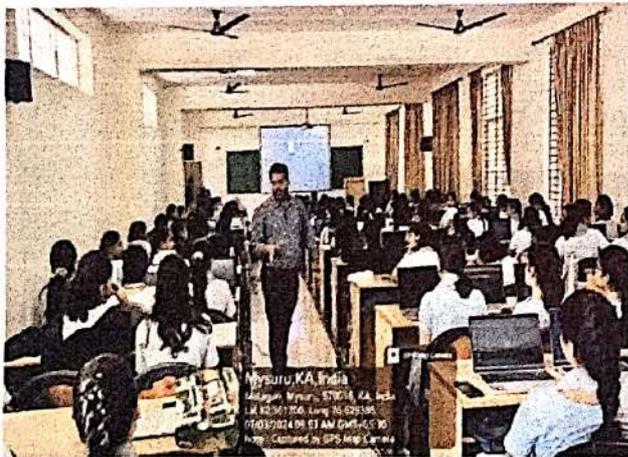The boot camp spanned for Three Days and covered the following topics:

On Day 1: Overview of Full Stack Development which covers the front end, back end, and database components of the full stack. It also covers the tools and Django introduction after installing Python, Django, and Visual Studio Code hands-on following creating a virtual environment and Django project which includes MVC and MVT architecture. They thought about setting up a Django project after creating a basic Django application hands-on.

On Day 2: The Django templates and models were discussed the following day. This included learning about Django's template system, becoming proficient with Django models and ORM, and integrating templates and models after the practical lab on creating an application. After learning how to use the Django admin interface and model forms, developing an application employing admin and model forms in a hands-on lab. This involves understanding the Django admin interface, implementing Django model forms, and integrating model forms with views.

Principal and Hod of Dept. of CSE are addressing the gathering

On Day 3: The last day's focus was on Django state persistence and generic views, which included the practical lab on using and managing state, as well as understanding and implementing generic views and cookies. After learning about the fundamentals of both jQuery and AJAX in Django, as well as how to integrate both, implement AJAX in Django by working through an AJAX-Driven Django application hands-on lab.

Boot Camp Sessions

The student's feedback was taken at the end of the boot camp. The students expressed their learning experience wherein they were able to broaden their skill set by delving into practical career-oriented aspects.

Faculty Coordinator's
Dr. Vishwesh J
Usha Rani J

HOD
Professor & Head
Department of Computer Science & Engineering
GSSSIETW, Mysuru - 570016

Principal
Principal
GSSSIETW, Mysuru-16