
FullStack Development & AI

Planning for Second Year

Department of CEA
GLA University, Mathura



Induction Program

Induction Program will be organized for **2nd year students** to equip them with the concepts, tools, and techniques required to enhance **Full Stack Development & AI skills** and make them aware of **industry projects, coding challenges, and hackathons**.

During the program, we inform the students about:

- Semester Plan (Curriculum/Assessment Plan/Certifications/Proposed Workshops/ Training)
- GitHub Portfolio Building
- Free and Paid Certifications (InfySpringboard, Coursera, etc.)
- LeetCode & Coding Practice Platforms
- Career Opportunities in Full Stack Development & AI

Subjects/Faculty

Full Stack Development & AI Core

1. Introduction to Frontend Engineering (Theory + Lab) (3rd Semester)
2. Backend Engineering (Theory + Lab) (4th Semester)
3. Software Quality and Automation (Theory + Lab)
4. Mobile App Development (Theory + Lab)
5. AI Integration In Web Applications (Theory + Lab)
6. UI/UX Design & Development
7. System Design

Faculty Involved:

1. Mr. Shiv Kumar Verma
2. Mr. Abhishek Singh
3. Mr. Saurav Kumar Chauhan
4. Mr. Govind Kumar Jha
5. Mr. Rajat Jain

Assessment Plan – B.Tech CSE (2nd Year)

	Evaluation	Marks
Theory (100 Marks)	Mid Term	30
	End Term Exam	45
	Teacher Assessment	20
	Attendance	5
Lab (100 Marks)	Internal (Certificate, GitHub (Code Push), Tasks, Viva-Voce)	50
	Attendance – As per portal	10
	External Practical (Task-Based Exam)	40

Certification

Certifications (InfySpringBoard)

Certification	Approx. Contact Hours	Timeline
<u>HTML5 - The Language</u>	13 Hours	(August to November 2025)
<u>CSS3</u>	11 Hours	(August to November 2025)
<u>Creating Responsive Web Pages using Bootstrap 4</u>	7 Hours	(August to November 2025)
<u>JavaScript</u>	15 Hours	(August to November 2025)

Proposed Workshops / Training

Internal (September/October 2025)

Workshop 1: *Modern JavaScript & ES6+ Features* – Hands-on session

(2-days Session by: Mr. Abhishek Singh (IgniteU))

Workshop 2: *Version Control with Git & GitHub* – Industry best practices

(1-day session by: Mr.Govind Kumar Jha (Coding Blocks))

External (November 2025)

Workshop 1: *React.js Fundamentals & Hooks* – Building real-time applications

(External Agency/Resource)

Expected Learning Outcomes

- LO1:** Apply structured HTML and responsive CSS techniques, including frameworks like Bootstrap, to design visually appealing and accessible web pages.
- LO2:** Implement dynamic and interactive functionalities using JavaScript, including DOM manipulation, event handling, and form validation.
- LO3:** Enhance user experience through advanced frontend techniques such as jQuery effects, AJAX-based data fetching, and asynchronous interactions.
- LO4:** Integrate multiple frontend technologies (HTML, CSS, JavaScript, jQuery, React.js) to develop and deploy a fully functional, responsive, and user-friendly web application.

Mini Projects : Included a Frontend development project in the Lab Syllabus. (Aug-Nov 2025)

Additional Participation: Every students must participate at least one **external Codeathon/Hackathon**.

Additional Learning Resources

Official documentation for [HTML](#), [CSS](#), [JavaScript](#), [React.js](#)

[*Eloquent JavaScript*](#) (Book) – for deep JavaScript understanding

Practice on **LeetCode** (Easy–Medium) for [JavaScript-based problem solving](#)

University Internship/Placements

Internships

@ Top MNCs



Gauri Chhavi Piyush Anjali

B. Tech. CSE - Batch: 2026

 **Microsoft**

STIPEND **15** Lakh per annum



Vidhi Ajmera
B. Tech. CSE- Batch: 2026

Goldman Sachs

STIPEND: **19.5** Lakh per annum



 **J.P.Morgan**

STIPEND **9.0** Lakh per annum

Naman Gupta
B. Tech. CSE- Batch: 2026



Ishika Goyal

Yash Kumar Kasaudhan

B. Tech. CSE- Batch: 2026

 **Google**

STIPEND **16.4** Lakh per annum



Nitya Marayani Kavya Sharma Kajal Sharma

Mayuri Vanshney Palak Gupta

Priyansh Garg
B. Tech. CSE- Batch: 2026

servicenow.

B. Tech. CSE- Batch: 2025

Deloitte.

INTERNSHIPS @ IIT'S



Aryan Sharma



Ayushi Katroliya



Tanya Gupta



Chhavi Goyal



Aparna Nagpal



Vidhi Ajmera



Rudra Gupta



Harsh Gautam



Priyansh Garg

**and
many
more..**

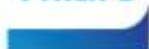
Placement @CEA : 2025 Batch



Garima Mishara

14.5 LPA

PHILIPS



Kanhaiya Singh Sisodiya

12 LPA



Kislay Chauhan

15 LPA



Yash Jaiswal

10 LPA



Madlapally Abhisri

10 LPA

FICO



Muskan Garg

10 LPA

FICO



Palak Grewal

10 LPA

FICO



Shradha Saxena

10LPA

FICO



Sparsh Goyal

10 LPA

FICO



Varsha Sharma

10 LPA

FICO



Vedansh Gautam

10 LPA

FICO

**and
many
more..**

Our Shining GLAdiators

Kushagra Gangwar

44 LPA
amazon



Pranjul Maheshwari

41 LPA
paloalto
NETWORKS



Shalini Kumari

32 LPA
amazon



Aditya Vishwanathan

25 LPA
CATALOG



Vidhan Sharma

55 LPA
NJUMA
CONSULTING



Bhoomika Mehra

48 LPA
amazon



Hardik gaur

33 LPA
AUTODESK



Meghansh Bansal

28 LPA
TEKION

and many
more..

PROFESSIONAL COLLABORATIONS

Helps in Internship & Placements

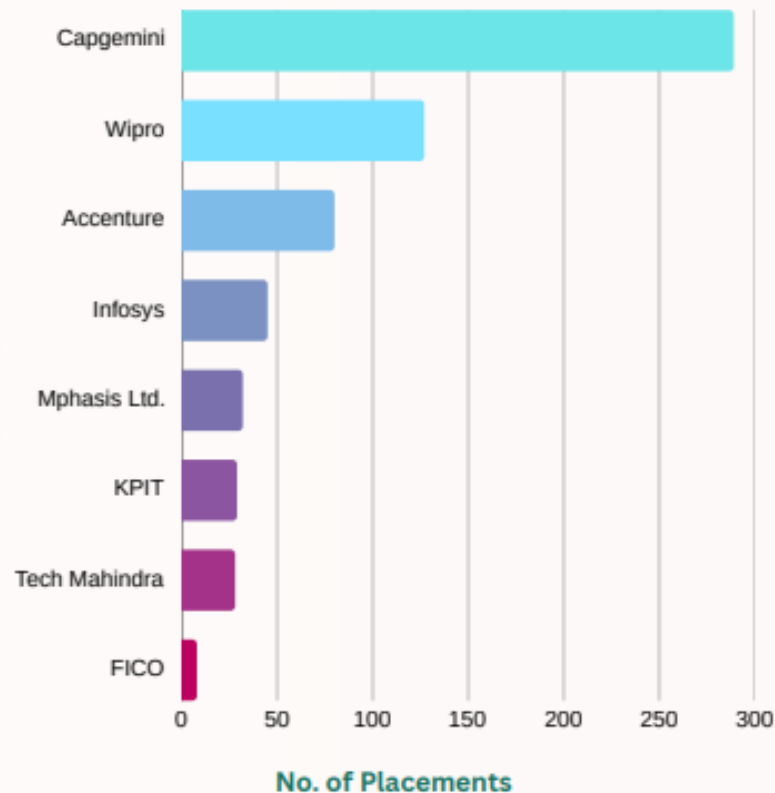


Placement Track Records

Company Visited Last 5 Yrs



Top Companies



GREAT LEARNING ASSURANCE

Thank You

