



PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 10-07-2026

CIRCULAR

It is hereby informed to all the Students of II, III, IV B. Tech that presentation on "**Full-Stack Web Development**" will be conducted on 13-07-2026. This event is organized by **SPARKWIT** club of IT Department. The students who are interested should register their names with faculty coordinator.

Mode: Offline

Time 2:00pm to 4:00pm

Link: <https://forms.gle/axxw9HvP4htcJ72SA>

Venue: ES-7


FACULTY CO-ORDINATOR


HOD-IT



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EVENT BROUCHER

Pragati Engineering College
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DEPARTMENT OF INFORMATION TECHNOLOGY

ORGANISES PRESENTATION ON
FULL STACK DEVELOPMENT

EVENT REGISTRATIONS ARE OPEN

<https://forms.gle/F2C-Startup-Reg>

FACULTY COORDINATOR:
Mrs.A.Manga Devi,
Assistant professor, Department of IT

PRESIDENT OF THE CLUB:
B.Mahindra Babu
Ph. no 6302497879

MODE Offline
DATE : 13-07-2026
TIME : 2:00PM - 4:00PM
VENUE : ES-7

QR Code for registration:





Learning is Supreme Duty

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DEPARTMENT OF INFORMATION TECHNOLOGY

CLUB NAME: SPARKWIT CLUB

TOPIC: Presentation on "Full Stack- Web development"

DATE: 13/7/2026

S.No.	Roll Number	Name Of The Student	Branch	Signature
1	24A31A1261	S. GURU MURARI	IT	S. GURUMURARI
2	24A31A1257	P. VENKATESH	IT	P. Venkatesh
3	25A31A1206	N. Vasanth	IT	N. Vasanth
4	24A31A1234	Ch. Yogendra	I.T	Yogendra
5	25A35A1204	B.A. RAJ KUMAR	IT	B.A. RAJ KUMAR
6	24A31A1251	NVPSSIRAM CHARAN	IT	NVPSSIRAMCH.
7	24A31A1263	T. Vaswanth	IT	T. Vansh
8	24A31A1245	K. Karun Kumar	I.T	K. Karun Kumar
9	24A31A1264	T. Vishnu Teja	I.T	Teja
10	24A31A1232	B. Salman Raj	I.T	B. Salman
11	24A31A1238	G. Pavan Kumar	IT	Pavan
12	24A31A1244	V. Karthik	I.T	Karthik
13	24A31A1237	D. Sai Ram	I.T	D. Sai Ram
14	24A31A1248	M. Vijay	I.T	Vijay
15	24A31A1258	P. Ganesh	I.T	Ganesh
16	24A31A1255	P. Teja Vishnu Sai	I.T	Teja
17	24A31A1249	m. manikanta	I.T	manu
18	24A31A1250	n. nithish	I.T	nithish
19	24A31A1265	y. Tanish	I.T	Tanish
20	24A31A1256	P. Sathya	I.T	P. Sathya
21	24A31A1235	Ch. Sanjay	IT	Ch. Sanjay.
22	24A31A1254	P. Nookesh	IT	Nookesh
23	24A31A1252	N. Satya Sriharsha	I.T	Sriharsha
24	24A31A1262	T. Harsha Varshan Varma	I.T	Harsha
25	24A31A1266	K. Yashwanth	I.T	Yashwanth
26	24A31A1240	G. Prem Kumar	IT	Prem
27	24A31A1242	K. Lakshman	I.T	Lakshman



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S.No.	Roll Number	Name Of The Student	Branch	Signature
28	24A31A1260	K Revanth Venkata	IT	
29	24A31A1253	P. Charan Sri Ram	IT	
30	24A31A1228	V. Kavya Sri	IT	
31	24A31A1229	V. Meghana	IT	
32	24A31A1227	T. Sirisha	IT	
33	24A31A1214	M. Gayathri	IT	
34	24A31A1210	K. Nayana	IT	
35	24A31A1206	E. mamatha	IT	
36	24A31A1208	J. Akshaya	IT	
37	24A31A1207	G. Sukitha	IT	
38	24A31A1220	P. L. Chaitanya	IT	
39	24A31A1219	P. Sri Likhitha	IT	
40	24A31A1201	A. S. N. Lakshmi	IT	
41	24A31A1216	M. Sneha Sri	IT	
42	24A31A1222	R. Teja Sri	IT	
43	24A31A1223	S. Anjali Dewi	IT	
44	24A31A1213	K. Pranetha	IT	
45	25A35A1201	V. Sri pushpa	IT	
46	25A35A1202	P. Pravalika	IT	
47	24A31A1221	R. Pujitha Ramani	IT	
48	24A31A1218	P. Sathwika	IT	
49	24A31A1217	N. Anusha	IT	
50	24A31A1224	S. K. Varshini	IT	
51	25A35A1203	S. Dillewari	IT	
52	24A31A1230	V. Vaishnavi	IT	
53	24A31A1209	K. S. L. Tejaswini	IT	

COORDINATOR

HOD-IT



(AUTONOMOUS)

DATE: 13/7/2026

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REPORT:

The Department of Information Technology organized an awareness session on "**Full Stack Web Development**" with the objective of introducing students to the concepts, technologies, tools, and career opportunities associated with modern web application development. The session was designed to provide participants with a strong foundation in full stack development and to help them understand how different technologies work together to build complete, scalable, and efficient web applications.

The session commenced with an introduction to the **history and evolution of web development**, explaining the transformation of the World Wide Web from static websites to dynamic, interactive, and cloud-enabled applications. Students were introduced to the concept of **Full Stack Web Development**, which combines frontend and backend technologies to develop complete web solutions. The speaker explained the architecture of web applications by illustrating the interaction between the user interface, server-side logic, and databases, enabling students to understand the complete software development lifecycle.

The frontend development module focused on the fundamental technologies used to design responsive and interactive web pages. Students learned about **HTML** for structuring web content, **CSS** for styling and responsive design, and **JavaScript** for adding dynamic functionality and user interaction. The session also introduced modern frontend development practices and emphasized the importance of creating user-friendly interfaces that provide an enhanced user experience across multiple devices.

The backend development section covered server-side programming languages such as **Node.js**, **Python**, and **Java**, highlighting their role in processing client requests, implementing business logic, managing authentication, and connecting applications with databases. Popular backend frameworks, including **Express.js** and **Django**, were discussed to demonstrate how they simplify application development, improve maintainability, and support scalable web applications.

A significant portion of the session focused on **database management systems**, where students learned the differences between **SQL** and **NoSQL** databases. The speaker explained the



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characteristics and applications of relational databases such as MySQL and PostgreSQL, along with the importance of efficient data storage, retrieval, and management in real-world web applications.

The session also introduced students to essential **development tools** widely used in the software industry. Tools such as **Git** and **GitHub** were presented for version control and collaborative software development, while **Postman** was demonstrated for API testing and validation. Students were also introduced to **Figma**, a popular UI/UX design platform used for creating user interface prototypes before application development begins.

Furthermore, the speaker explained modern **deployment platforms** such as **AWS**, **Docker**, and **Vercel**, emphasizing their importance in hosting, deploying, and managing web applications efficiently. Students also gained an overview of popular technology stacks such as **MERN** and **LAMP**, along with guidance on selecting appropriate technologies based on project requirements and industry demands.

The session concluded with an engaging discussion on **Artificial Intelligence (AI) integration in web development**, highlighting the growing use of AI-powered coding assistants, automated testing, intelligent chatbots, and personalized user experiences. Emerging trends such as cloud computing, edge computing, and AI-assisted software development were also discussed, providing students with insights into the future of the software industry.

Overall, the session successfully provided students with a comprehensive understanding of Full Stack Web Development, covering its architecture, technologies, tools, deployment platforms, and future scope. It enhanced their awareness of current industry practices, motivated them to develop practical web development skills, and encouraged them to pursue rewarding career opportunities in Full Stack Development and related software engineering domains.



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Event Photos:





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FEEDBACK COLLECTED FROM STUDENTS

Feedback Analysis Report:

We collected feedback from all the students attended for the online session.

Student's feedback on the session is presented below:

Feedback	No of Students
Excellent	45
Good	8
Average	5
Total	58


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