



Bhoj Reddy Engineering College for Women

(Sponsored by Sangam Laxmibai Vidyapeet, approved by AICTE and affiliated to JNTUH)
Vinaynagar, IS Sadan Crossroads, Saidabad, Hyderabad – 500 059, Telangana. www.brecw.ac.in

Department of Computer Science and Engineering

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Report on Hackathon: Three-day Hackathon on “Web Development (Low Coding)” for III CSE A & B during 23-25 November 2023.

Date: 23-25 November 2023

Event Venue: Seminar Hall (WB 402) and CSE Labs (SB First Floor)

The CSE department has conducted Three-day Hackathon on “Web Development (Low Coding)” for III CSE A & B during 23-25 November 2023. A total of 137 students attended the Hackathon. The Hackathon was scheduled from 09:30 to 16:30 Hrs. The Hackathon was conducted by Brainovision, Hyderabad.

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Department of Computer Science and Engineering
A THREE-DAY HACKATHON ON
Web Development

Conducted by Brainovision Solutions India Private Limited, Hyderabad.

Date : 23-25 November 2023
Time : 9:30-16:30 Hrs
Venue : Seminar Hall(WB. 402)& CSE Labs (SB First Floor).

Figure 1: Banner of Three-day Hackathon on “Web Development”

Day 1 (Forenoon): 23 November 2023

Welcome Address

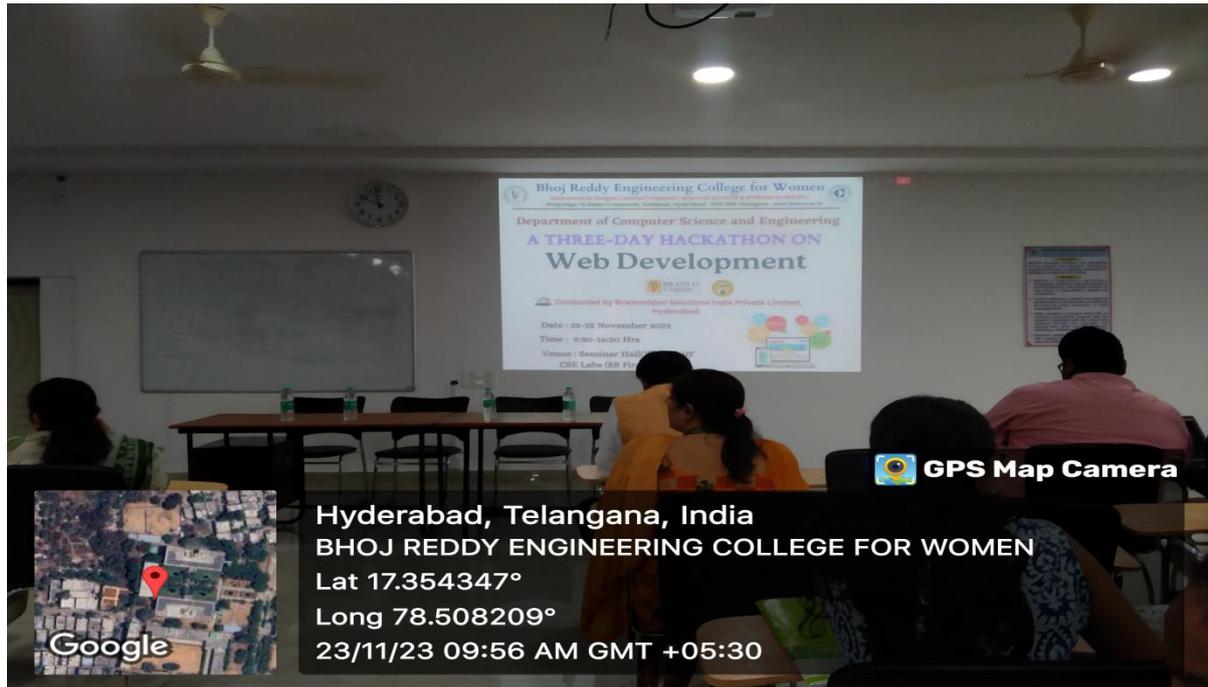


Figure 2: Three-day Hackathon on “Web Development” in Seminar Hall WB 402

The event kicked off with a warm welcome to all participants, mentors, and guests. Participants were greeted with enthusiasm, setting the tone for an exciting three-day journey into low-code web development.



Figure 3: CSE Staff and Students attending Three-day Hackathon on “Web Development”



Figure 4: III CSE A Student Sravani is Addressing the gathering



Figure 5: Sravani is welcoming the speaker



Figure 6: Mr R Sai Eshwar, Resource Person and Dr B Raveendranadh Singh, Professor & Head



Figure 7: III CSE Students attending Session on “Web Development”

Address by HoD-CSE, Dr. B Raveendranadh Singh

Dr. B Raveendranadh Singh provided insights into the importance of hackathons in fostering creativity, collaboration, and problem-solving skills among students. He encouraged participants to make the most of this opportunity to hone their web development skills.



Figure 8: Dr B Raveendranadh Singh, Professor & Head addressing the gathering.



Figure 9: Dr B Raveendranadh Singh, Professor & Head given overview of “Web Development”

Address by Vice-Principal, Mr. G Dayakar Reddy

Mr. G Dayakar Reddy emphasized the significance of practical learning and real-world application of knowledge. He commended the initiative taken by the CSE department in organizing a hackathon focused on low-code web development, aligning with industry trends.

Address by Principal, Dr. J Madhavan

Dr. J Madhavan spoke about the rapid evolution of technology and the role of students in staying ahead of the curve. He encouraged participants to embrace innovation and leverage low-code platforms to create impactful web solutions.



Figure 10: Dr J Madhavan, Principal is addressing the gathering



Figure 11: Dr J Madhavan, Principal explained the importance of Hackathon

Keynote Address by Resource Person, Mr. R Sai Eshwar

Mr. R Sai Eshwar, a distinguished figure in the tech industry, delivered an inspiring keynote address. He shared his experiences, insights, and predictions about the future of low-code development. His speech motivated participants to think creatively and push the boundaries of web development.



Figure 12: Mr. R Sai Eshwar, Resource Person is addressing the gathering



Figure 13: Mr. R Sai Eshwar, Resource Person is giving an overview of "Web Development"

Foundations of Web Development: HTML and CSS Basics

The first day of the hackathon focused on laying a strong foundation in web development using HTML and CSS. Participants were guided through the following syllabus:

Introduction to Design Thinking, Web Development Dashboard:

Navigation and understanding of the dashboard.

Familiarization with the features and functionalities.

Day 1 (Afternoon): 23rd November 2023

Understanding HTML and CSS:

Basics of HTML and its role in creating the structure of a website. Introduction to CSS for styling and enhancing the visual appeal of web pages.

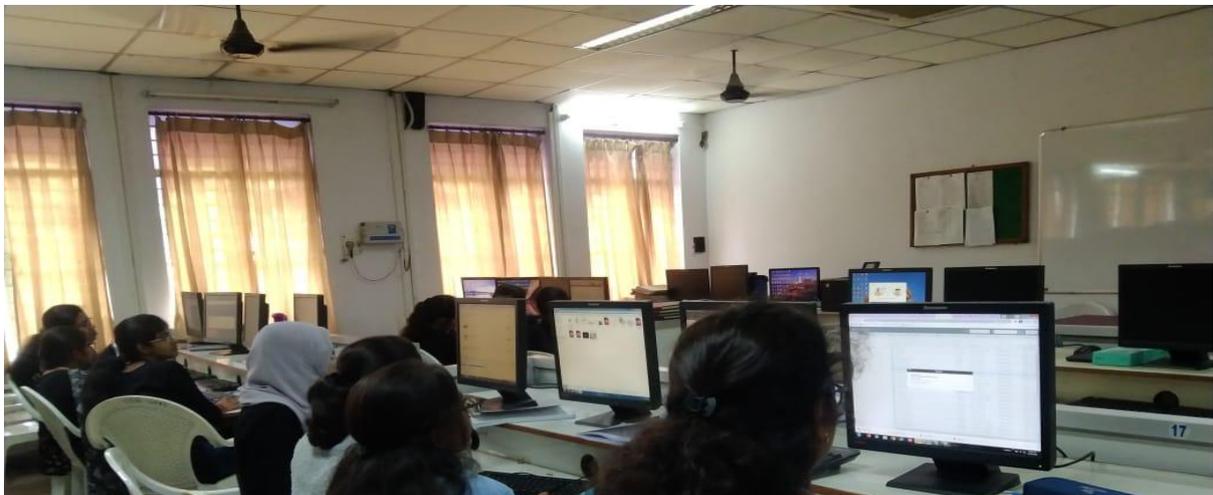


Figure 14: III CSE Students implementing the task in Lab

Integration with Sustainable Development Goals:

Exploring the connection between web development and sustainable development goals.



Figure 15: Mr Swamy Explaining III CSE Students

Day 2 (ForeNoon): Creating Functional Websites (24 November 2023)

The second day delved into practical aspects of website creation and customization. Participants engaged in hands-on activities covering:



Figure 16: III CSE Students implementing the task in Lab

Page Creation:

Building functional pages for a website.

Exploring different page layouts and structures.



Figure 17: III CSE Students implementing the task in Lab

Menus and Navigation Systems:

Customizing menus and navigation for an enhanced user experience.

Configuration for Best Results:

Optimizing Design Thinking, Web Development settings for optimal performance.



Figure 18: III CSE Students implementing the task in Lab

Plugins and Themes:

Understanding the role of plugins and themes in web development.

Finding and installing plugins and themes for customization.



Figure 19: III CSE Students implementing the task in Lab

E-commerce Website Development:

Introduction to creating an e-commerce website using low-code development.

Day 3: Responsive and Multimedia Websites (25 November 2023)

The final day marked the beginning of the hackathon, where participants were divided into teams to work on their projects. Teams were encouraged to implement their ideas using the skills acquired over the first two days.

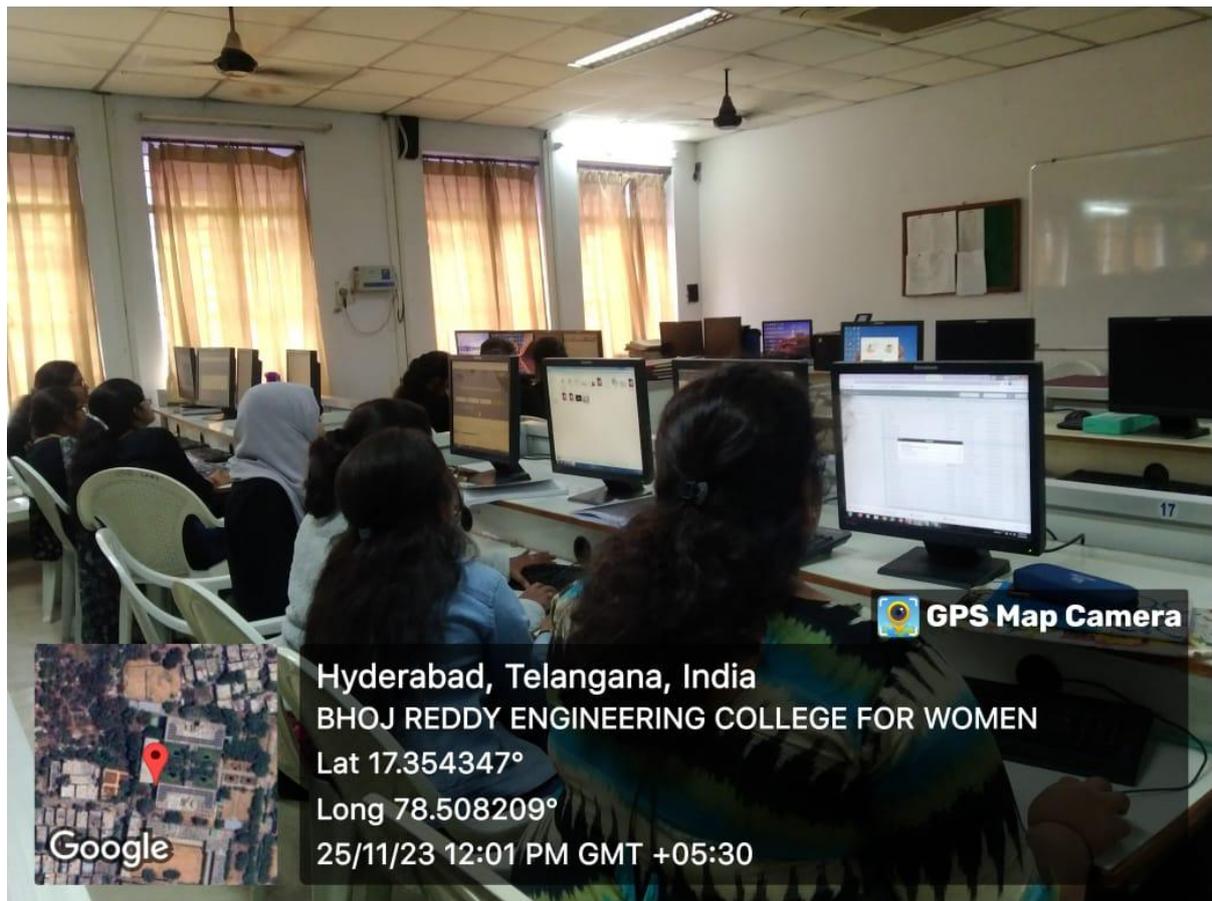


Figure 20: III CSE Students participating in Hackathon.

Static Homepage Creation:

Building a static homepage suitable for various websites, particularly bloggers.

Responsive Website Design:

Creating websites that adapt to different screen sizes and browsers.

Multimedia Integration:

Including audio, video, and images in websites for a dynamic user experience.

Backup and Restore Procedures:

Understanding the importance of regular backups and restoring websites in Design Thinking, Web Development.

Hackathon Kickoff:

Teams, armed with the knowledge acquired during the workshop sessions, enthusiastically started working on their projects. The atmosphere was charged with creativity and collaboration as teams brainstormed and began transforming their ideas into tangible web designs.



Figure 21: Mr R Sai Eshwar Explaining How to Present their Project



Figure 22: III CSE Students at the presentation of their Project



Figure 23: III CSE Students at the presentation of their Project

Hackathon Winners Announcement:

The climactic conclusion of the Three-Day Hackathon on "Web Development (Low Coding)" for III CSE A & B brought forth an atmosphere of excitement and anticipation as the participants eagerly awaited the announcement of the winning teams. The judging criteria were based on creativity, functionality, innovation, and the effective use of low-code web development principles.

Winning Team and Their Project:

First Place: Team Techno Sync

Team Techno Sync emerged as the first-place winner with their exceptional project, "Red Wrap." This talented team showcased a remarkable blend of skills and innovation, earning them the top spot in the competition.

The following are the winning team members:

1	22325A0506	G.Meenambari	Red Wrap
2	21321A0540	Kota Keerthi	
3	22325A0503	D Bhavya Sree	
4	22325A0507	Punna Pallavi	
5	21321A0548	Jayarapu Meghana Sri	

Project Name: Red Wrap

Description: Winning first place in a competition indicates that the project was not only technically sound but also demonstrated creativity, problem-solving skills, and effective teamwork. The team members, each contributing their unique strengths and perspectives, played a pivotal role in the success of "Red Wrap."



Figure 24: The Winning Team presentation of their Project



Figure 25: The Winning Team with HoD CSE



Figure 26: The Winning Team with HoD CSE and Resource Person

Prize: The winning team received merit certificates of excellence and prizes.

Second Place: Team Tiny Coders

Team Tiny Coders demonstrated their prowess and ingenuity, securing the second-place position with their project "Scrap Kharkana."

The following are the second-place team members:

1	21321A0511	Dudala Bhavya Sree Goud	Scrap Kharkana
2	21321A0552	Madishetty Nandini	
3	21321A0504	G Akitha	
4	21321A0506	Ranga Akshitha	
5	21321A0503	Cheelam Aishwarya laxmi	

Project: Scrap Kharkana

Description: The name "Scrap Kharkana" piques curiosity, implying a focus on the recycling or repurposing of materials. Projects with an environmental or sustainability angle have gained prominence in various competitions, and it's possible that Team Tiny Coders explored innovative solutions within this realm.

Prize: The second-place team received merit certificates of achievement and prizes.

Figure 28: The Second Place Team is presenting



Figure 29: The Second Place Team with HoD CSE and Ms K Shireesha

Third Place: Team Change maker's

Team Change Makers secured the third-place position with their project "Student Things," showcasing their innovation and problem-solving capabilities.

The following are the third-place team members:

1	21321A0578	Thota Sai Sushmitha	Student Things
2	21321A0582	Sathvika edla	
3	21321A0579	A.Saileela	
4	21321A0580	Sanjana Sree Banda	
5	21321A0598	Soundarya	

Project: Student Things

Description: The project's name, "Student Things," suggests a focus on addressing challenges or enhancing experiences related to student life. It could encompass a wide range of possibilities, from educational tools to student support systems, or perhaps innovative solutions to common student issues.

Prize: The third-place team received merit certificates of achievement.

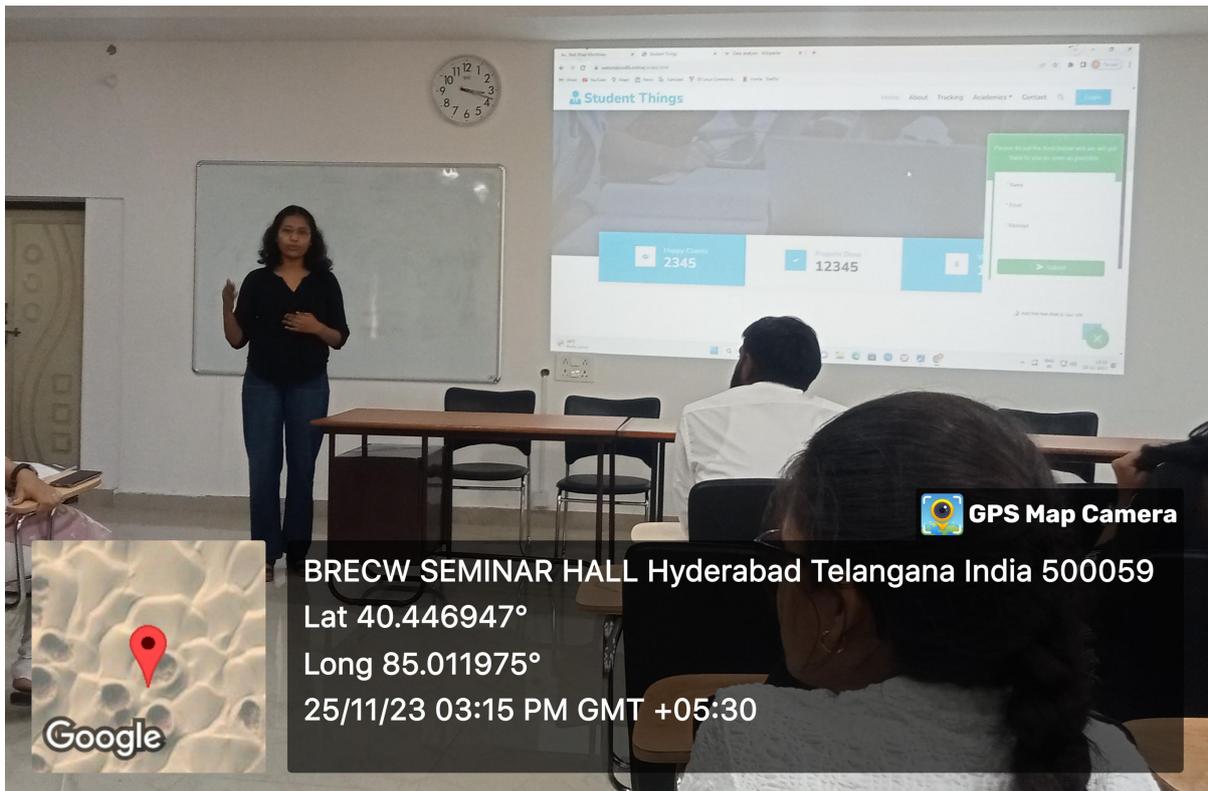


Figure 30: The Third Place Team is presenting.



Figure 31: The Third Place Team with HoD CSE

The panel of resource persons commended all participating teams for their dedication, creativity, and problem-solving skills. They highlighted the difficulty in selecting the winners due to the high quality of projects presented. The winning teams stood out not only for their technical proficiency but also for their ability to address real-world challenges through effective web development.

Valedictory Session Highlights:

The Three-Day Hackathon on "Web Development (Low Coding)" for III CSE A & B concluded with a grand valedictory session that brought together participants, faculty members, industry experts, and esteemed guests to celebrate the culmination of this enriching event.

Recognition of Achievements:

The valedictory session began with the recognition of outstanding achievements. Winners of the hackathon were once again acknowledged for their exceptional projects. Each winning team was invited to share insights into their development process and the inspiration behind their projects.



Figure 32: III CSE Students at Valedictory

Program Highlights:

Guest of Honor Address:

A distinguished guest of honor, often an industry expert or a notable figure in the field of web development, addressed the audience. This address focused on the significance of low-code

development in the current industry landscape, inspiring participants to continue honing their skills.

Acknowledgment of Resource Persons:

The individuals from Brainovision who conducted the workshops and training sessions were acknowledged for their valuable contributions. Certificates of appreciation were presented to them as a token of gratitude for sharing their expertise.

Faculty Remarks:

Faculty members who played a pivotal role in organizing and overseeing the hackathon were invited to share their thoughts. They commended the participants for their dedication, creativity, and collaborative spirit throughout the event.

Feedback on Brainovision Workshop:

The success of the Three-Day Hackathon on "Web Development (Low Coding)" for III CSE A & B was not only marked by the impressive projects but also by the invaluable feedback received from participants, focusing on the workshop conducted by Brainovision and the collaborative efforts of the organizing team.



Figure 33: Brainovision Team has given Appreciation to HoD CSE

Brainovision, played a pivotal role in shaping the participants understanding of low-code web development. The feedback from the students was overwhelmingly positive.

Feedback on Organizing Team: The success of the hackathon was also attributed to the diligent efforts of the organizing team. The feedback highlighted the following aspects:

Efficient Event Coordination: Participants commended the seamless coordination of the event by the organizing team. The schedule was well-managed, and the transition between workshop sessions and project development was smooth.

Team Support and Guidance: The availability of organizers for clarifying doubts and providing guidance during the project development phase was crucial. Participants expressed gratitude for the constant support received.



Figure 34: III CSE Students with CSE Staff and Brainovision Team

Conclusion:

The hackathon provided a comprehensive learning experience, equipping participants with the skills to create functional and aesthetically pleasing websites using low-code development. The syllabus, designed to progress from foundational concepts to practical implementation, ensured that participants gained a holistic understanding of web development within the given three-day timeframe.



Figure 35: III CSE A Students with CSE Staff and Brainovision Team



Figure 36: III CSE B Students with CSE Staff and Brainovision Team

The organizing committee commends the active participation and enthusiasm of the CSE A & B students throughout the hackathon. The practical skills acquired during this event will undoubtedly contribute to their proficiency in the field of web development.

Closing Remarks by Head of Department:

The Head of the Department of Computer Science and Engineering delivered closing remarks, expressing appreciation for the active participation and the successful execution of the hackathon. The HOD emphasized the importance of continuous learning and encouraged students to carry the momentum forward.

Conclusion:

The valedictory session served as a fitting conclusion to the Three-Day Hackathon on "Web Development (Low Coding)" for III CSE A & B. It provided a platform to celebrate achievements, express gratitude to contributors, and reflect on the valuable experiences gained during the event. As participants dispersed, the energy and enthusiasm generated by the hackathon continued to resonate, leaving a lasting impact on the participants' journey in the field of web development.

The Department of Computer Science and Engineering extends heartfelt congratulations to all participants, winners, and contributors for making the hackathon a resounding success. The event not only showcased technical prowess but also fostered a sense of community and innovation within the CSE department.

Dr P Deepthi
Seminars &
Workshops In-charge

Dr B Raveendranadh Singh
HoD-CSE