



**ASSOCIATION OF COMPUTER ENGINEERS**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE (A)**  
Chinna Amiram, Bhimavaram, W.G.Dist., A.P., INDIA, Pin: 534204



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**Xcelerate – Your Journey With ACE**

**Event Details :**

Name of the Event : Xcelerate – Your Journey with ACE.  
Target Participants : 2<sup>nd</sup> Year students.  
Event Venue : CSE Mini Auditorium, CSE Seminar Hall  
Event Date : 24<sup>th</sup> Wednesday  
Event Timings : 9:00 am to 4:30 pm  
Registration Fee : ACE – 50/-, Non-ACE – 80/-  
Focused SDG : SDG 4 – Quality Education.

**Event Objective :**

To enhance the technical knowledge, problem-solving skills, and professional readiness of 2<sup>nd</sup> year students by introducing them to emerging domains, coding platforms, resume building, and real-world problem solving approaches.

**Event Outcomes :**

- Students will register on coding platforms to build consistency and improve problem-solving.
- Students will prepare resumes showcasing their skills and experiences.
- ACE will support students interested in further developing their solutions.
- Students will share their learning journey and experience on LinkedIn(e.g., Progress in DSA).

**Student Co-Ordinator's :**

SBM Student Co-Ordinator : K Siri Dharani

EBM Student Co-Ordinator's : B Hemanth, V Suneetha



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**Event Flow :**

- Prayer Song
- Event Introduction & Student Engagement
- Welcome Address by HoD sir and Dignitaries.
- Faculty Co-Ordinator's Remarks.
- Technical Sessions and Activities :
  - Introduction to simple UI/UX Design, IoT Devices, Cyber Security Tools and Quantum Computing .
  - Domain Overviews by resource persons.
  - Resume Writing and DSA Guidance through online platforms.
  - Tech and Fun Activities (between technical sessions)
- Concluding Session : Q&A, Feedback and Suggestions.

**Domains & Assigned Resource Persons :**

Fullstack Development, Machine Learning – M Lokesh Gandhi

Cloud computing, Cyber Security and BCT – G V Aakash

App Development, Quantum Computing – T Deepak

Internet of Things – K Mounika

Data Structures and Algorithms – M Lokesh Gandhi

Resume writing and Preparation – K Mounika

Hackathon Awareness Session – M Chaitanya and M Ramya

LinkedIn creation and Posting – M Lokesh Gandhi

**Anchoring :**

Introduction and Welcoming the Dignitaries -D Prapurna

Hosting of Sessions – T Niharika and M Chaitanya



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**Work Allocation :** Domains and Assigned Resource persons and Support :

Domains	Resource Person	Support
Full stack Development	Lokesh Gandhi	Niharika
Machine Learning	Lokesh Gandhi	Abhiram
Cyber Security, BCT	Aakash	Niharika
Android Development	Deepak	Gana
Internet of Things	Mounika	Hemanth
Hackathon Awareness	Chaitanya	Lokesh
Data Structures & Algorithms	Lokesh Gandhi	Rishik
Resume Writing	Mounika	Bhargavi

**Poster and Design works :**

Work	Person 1	Person 2	Person 3
Reel	Madhu	Abhiram	Anusha
Poster	Venkat	Meghana	Prapurna
Certificates	Deepak Vardhan	Venkat	Satya

The poster is for an event titled "XCELERATE" presented by ACE (Association of Computer Engineers). It is exclusive for 2<sup>nd</sup> years students. The event is scheduled for 24<sup>th</sup> September, 2025, at the CSE Mini Auditorium. The registration fee is 80 for non-ACE members and 50 for ACE members. The event coordinators are B. Hemanth (93461 22121) and V. Suneetha (93815 57920). The poster features a QR code for registration and a small robot character. The background is dark blue with circuit-like patterns and various icons related to computer science and engineering.



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**Campaigning Works :**

<b>Team -1</b>	Abhiram, Suneetha, Lokesh	Amith, Rishik, Satya	Prapurna, Meghana
<b>Team -2</b>	Niharika, Deepak, Madhu	Hemanth, Mounika, Ramya	Hasini, Manasa, Gana
<b>Team -3</b>	Anusha, Chaitanya, Venkat	Bhargavi, Deepak Vardhan	Charan, Aakash, Amrutha

**Key points delivered in the campaigning :**

An effective and interactive campaign has been conducted by EBM's to every class in which the details about the event. Key points shared are :

- What are current in-demand domains and the skills required and resources to gain them.
- What is ATS Score ? Why is it useful ? How to prepare a resume with good ATS Score.
- What is DSA? Its importance in placements and Online Platforms used for coding practice.
- What is a Hackathon? Key strategies to win a Hackathon.
- How to connect with others in LinkedIn and posting their journey





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**Registration Desk Works :**

Team -1	Abhiram, Suneetha, Lokesh	Amith, Rishik, Satya	Prapurna, Meghana
Team -2	Niharika, Deepak, Madhu	Hemanth, Mounika, Ramya	Hasini, Manasa, Gana
Team -3	Anusha, Chaitanya, Venkat	Bhargavi, Deepak Vardhan	Charan, Aakash, Amrutha

**Registrations :**

We, the EBM and SBM representatives of ACE, interacted with the 2nd-year students to create awareness about the Xcelerate event. During the session, we provided a comprehensive overview of the event, highlighting the numerous benefits of participation and its relevance to their career development.

We also explained the different domains, key takeaways, and shared insights on LinkedIn and various online platforms for DSA, emphasizing how they contribute to enhancing both technical and non-technical skills.

Our campaigning efforts proved effective, resulting in a significant number of successful registrations.



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Registration is done by Google forms, Online and Offline google forms are given to students.

Google form is created and maintained by our Co-EBM – N S R Charan. Total Count of Registration : 376.



### Durations & Flow of Event:

**09:00 — 10:00 AM** – Inaugural Session: Prayer, Introduction, Address by Dignitaries

**10:00 — 10:40 AM** – Full Stack Development & Machine Learning

**10:45 — 11:25 AM** – Cloud Computing & Cyber Security

**11:30 — 12:10 PM** – Internet of Things (with demonstrations)

**12:15 — 01:15 PM** – Lunch Break

**01:20 — 02:00 PM** – Android Development & Introduction to Quantum Computing.

**02:00 — 02:40 PM** – DSA Roadmap & Coding Platforms (LeetCode, HackerRank )

**02:45 — 03:30 PM** – Hackathon Awareness, Problem Statement Selection, All-in-one Tools

**03:30 — 04:00 PM** – Resume Writing & Preparation

**04:00 — 04:30 PM** – Q&A, Feedback, Suggestions



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**Some pictures about Event :**

**Prayer & Welcoming the Dignitaries :**





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Addressing by Dignitaries :



Bhimavaram, Andhra Pradesh, India 🇮🇳  
GfVw+84v, Tammi Raju Nagar, Bhimavaram, Andhra Pradesh 5  
Lat 16.543445° Long 81.495361°  
24/09/2025 09:52 AM GMT +05:30



Bhimavaram, Andhra Pradesh, India 🇮🇳  
GfVw+84v, Tammi Raju Nagar, Bhimavaram, Andhra Pradesh 5  
Lat 16.543473° Long 81.495354°  
24/09/2025 09:49 AM GMT +05:30





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### Technical Sessions & Activities :

#### 1. Full stack Development and Machine Learning, Resource Person — M Lokesh Gandhi

##### **Full Stack Development :**

The session began by exploring popular websites students use daily, highlighting the importance of web technologies. Students were introduced to who a Web Developer is and the types – Front-End, Back-End, and Full-Stack. A clear roadmap with essential skills to become a Full-Stack Developer was explained. The concept of Tech Stacks and their relevance in real projects was discussed. Projects from beginner to intermediate levels were demonstrated. Free and useful resources were shared to help students continue learning and improving their web development skills.

##### **Machine Learning :**

The session introduced students to the conceptual framework of Machine Learning (ML), explaining what ML is and its major types — Supervised, Unsupervised, and Reinforcement Learning. A clear beginner-friendly roadmap for learning ML was presented. Students were familiarized with essential tools, frameworks, and visualization platforms, along with free resources to help them begin their ML journey using a basic programming language.





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## 2. Cyber Security, Cloud Computing and BCT, Resource Person – G V Aakash

### Cyber Security :

The session introduced students to the fundamentals of Cybersecurity, explaining its importance in today's digital world. Learned about cyber threats, attacks, and preventive measures .A roadmap for beginners was presented. The session also covered key security tools and real-time use cases. Free learning resources and platforms were shared to help students.

### Cloud Computing :

The session provided an overview of Cloud Computing, highlighting how it powers modern echnology and services. Introduced to cloud models — IaaS, PaaS, and SaaS, along with major deployment types. A roadmap for beginners was explained to help them start learning cloud fundamentals. Students explored popular platforms such as AWS, Azure, and Google Cloud.

### Block Chain Technology :

The session began with an introduction to the core concept of Blockchain, explaining how decentralization and transparency make it revolutionary. Students learned about the working mechanism of blocks and nodes. Different types of blockchains and their real-world applications were discussed. Students were also introduced to smart contracts.





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### 3. Android Development & Quantum Computing, Resource Person – T Deepak

#### Android Development :

The session introduced students to the basics of android, explaining how mobile applications are built and deployed. Students learned about Android Studio, the essential components of android app, such as activities, layouts, and intents. Roadmap for beginners was provided to help them start building simple applications. The session also covered UI/UX design principles, app testing. Free tools, frameworks, and learning resources were shared to encourage hands-on learning.

#### Quantum Computing :

The session provided an introduction to Quantum Computing, focusing on how it differs from classical computing. Students explored key concepts such as qubits, superposition, and entanglement. The potential of quantum systems in cryptography, optimization, and AI was explained. A beginner-friendly roadmap was presented to help students start their quantum learning journey. They were also introduced to popular platforms like IBM Quantum Experience and given free resources to explore programming using Qiskit and other quantum simulators.





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#### 4. Internet of Things and Resume Writing, Resource person – K Mounika

##### **Internet of Things :**

The session introduced students to the concept and working of the Internet of Things (IoT), explaining how devices communicate and share data. Students learned about IoT architecture, sensors, microcontrollers, and communication protocols. A clear roadmap was presented for beginners to start learning hardware and software integration. The session also covered real-world IoT applications in smart cities, healthcare, and agriculture. Students were guided with free tools, simulation platforms, and resources to begin creating basic IoT projects and prototypes.

##### **Resume Writing :**

The session focused on professional resume building, helping students understand how to create resumes that stand out in placements and internships. The concept of ATS (Applicant Tracking System) and how it filters resumes was clearly explained. Students learned to use keywords, proper formatting, and measurable achievements to improve their ATS score. A step-by-step structure for writing effective resumes was shared. The session also provided free templates, online tools, and examples to help students craft impactful and job-ready resumes.





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## 5. Hackathon Awareness Session, Resource Persons – M Chaitanya and M Ramya

### Hackathon Awareness :

The session aimed to create awareness about Hackathons and motivate students to participate in real-world innovation challenges. Students were introduced to the concept, structure, and objectives of hackathons, along with formats such as ideathons, codefests, and design challenges. The importance of teamwork, creativity, and time management was emphasized as essential skills for success.

A step-by-step roadmap on how to prepare for hackathons — from understanding the theme to building and pitching solutions — was explained in detail. Students were also introduced to popular global hackathons like Microsoft Imagine Cup, Amazon Alexa Prize, Google Hash Code, Smart India Hackathon, NASA Space Androids Challenge, and TechGig Code Gladiators, which encourage innovation on a global scale.

The session shared winning strategies, such as identifying real-world problems, focusing on impactful and scalable ideas, effective collaboration, clean coding practices, and strong final presentations. Real examples of winning projects and free platforms/resources were provided to help students confidently begin their hackathon journey.

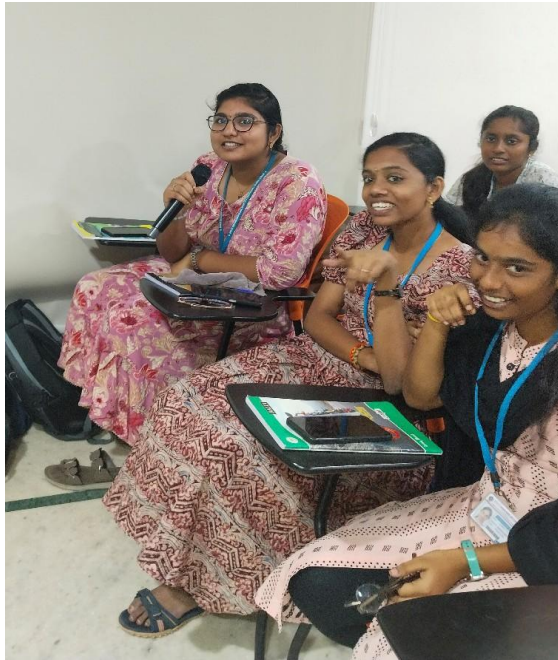




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**Interaction & Feedback from Students :**





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**Certificates :**

There are two certificates given to the students, Participation certificate is given to all the participants who have filled the feedback form, and a certificate of excellence for the students who have submitted their resumes. There are total 306 feedback responses and 70 Resume submissions.

**Certificate of Participation:**



**Certificate of Excellence :**





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**Group Photos Of Team ACE :**

