ACE
Engineering College
An AUTONOMOUS Institution

Ghatkesar, Medchal (Dist), Hyderabad, Telangana State – 501 301

(NBA Accredited B.Tech Courses Accredited NAAC with A Grade 3.20 CGPA)

Phone: 9133308533, 468, website: www.aceec.ac.in

DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

REPORT

ON

CEREBRO 2025

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DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

CEREBRO 2025

Organizing Committee :

S. No.	Name	Designation
1	Prof Y.V. Gopala Krishna Murthy	General secretary
2	Mr. Y. V. Raghu Vamsi	Chief Operating Officer
3	Dr. M. Keshav Reddy	Principal
4	Mrs. Mamatha Rao Pasumarthi	Director Admin
5	Dr. M. Murali	Vice Principal
6	Dr. S. Kavitha	HOD, CSE (AI & ML)
7	Dr. K. Prem Kumar	HOD, AI & ML
8	Dr. R. Suresh	HOD, AID
9	YVS Durga Prasad	TPO
10	N. Sree Deekshitha	Google Student Ambassador
11	M. Sri Harshitha	Google Student Ambassador
12	G. Sai Charan	Google Student Ambassador
13	SV. Jeshwanth	Google Student Ambassador
14	M. Santhosh	Google Student Ambassador

HOD CSE(AI&ML)

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Date : 8th September 2025

Minutes of Meeting :

The meeting was conducted on 8th September 2025 to discuss about CEREBRO Event. It was decided that for branches on 19th September in Seminar Hall.

S. No.	Name	Designation
1	Dr. M. Keshav Reddy	Principal
2	Dr. M. Murali	Vice Principal
3	Dr. S. Kavitha	HOD, CSE (AI & ML)
4	Dr. K. Prem Kumar	HOD, AI & ML
5	Dr. R. Suresh	HOD, AID
6	YVS Durga Prasad	TPO
7	N. Sree Deekshitha	Google Student Ambassador
8	M. Sri Harshitha	Google Student Ambassador
9	G. Sai Charan	Google Student Ambassador
10	SV. Jeshwanth	Google Student Ambassador
11	M. Santhosh	Google Student Ambassador

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PROGRAM SCHEDULE:

TIME	Event Description
9:30 – 10:30	Registrations And Gemini Ai Subscription Process
10:30 – 11:30	Event Rules And Demo Session By Google Student Ambassadors
11:00 – 11:15	Inauguration By Google Gemini Team, Principal, Vice Principal, HODs Of CSM, Ai&ml, AID And Durga Prasad TPO
11:15 – 12:00	Speeches On Gemini AI Features By Google Team, Vice Principal, HODs
12:00 – 1:00	Poster And Video Making Session (1 hour)
1:00 – 1:00	Lunch Break
2:00 – 4:00	Evaluation By Coordinators and Faculty
4:00 – 4:30	Results Announcement, Prize And Certificate Distribution

HOD CSE(AI&ML)

WELCOME POSTER :

The "CEREBRO: Gemini AI Challenge" is an innovative student event hosted by Google Student Ambassadors in collaboration with ACE Engineering College, focused on harnessing artificial intelligence for creative expression and technical skill development. Event Overview The challenge invites participants to showcase their creativity by using Google Gemini AI to generate unique posters and short videos based on clever prompts. The event is specifically designed to spark interest and proficiency in AI-generated media among students, integrating both technical and artistic aspects. Event Structure AI Poster Segment: Participants are tasked with bringing their ideas to life by creating visually engaging, AI-powered posters using Google Gemini. This segment encourages them to explore prompt engineering with the Gemini platform, helping them learn to guide the AI's image generation capabilities for striking visual results.AI Video Segment: Participants must develop compelling video scripts and use Gemini to generate short, captivating videos. The segment

emphasizes creative direction, storytelling, and the effective use of AI for multimedia creation—empowering students to experiment with visual narratives powered by generative AI. Key Details Date of Event: 19th September 2025, scheduled as a one-day challenge. Participation Criteria: Students interested in the event are required to have a premium subscription to Google Gemini, ensuring everyone has full access to the platform's advanced features. Support and Organization: The event is supported by notable faculty and expert coordinators at ACE Engineering College to provide guidance, mentorship, and technical support throughout the challenge. Objectives and Impact The challenge aims to foster enthusiasm for artificial intelligence among students and showcases how AI tools can be used for real-world creative and technical projects. It also acts as a platform for participants to gain hands-on experience with Google Gemini, equipping them with prompt engineering, digital designing, and storytelling abilities relevant to AI-powered industries. Networking, peer learning, and faculty support further add to the educational and career development value of the event. This event stands out for promoting a blend of imagination, technical skill, and practical AI application, making it a valuable opportunity for aspiring creators and future technologists .

Pre-Event Communication :

In the lead-up to CEREBRO: Gemini AI Challenge, a series of strategic communications were undertaken to inform and actively engage the incoming B.Tech students . These efforts were designed to create awareness about the event details, emphasize its purpose, and streamline the registration process. Multiple communication channels were utilized to ensure maximum outreach and participation:

- WhatsApp**:** To complement the direct interactions, official event announcements were shared via the college's verified WhatsApp groups and accounts. This medium ensured a wider reach, enabled instant updates, and helped in generating greater interest and excitement among the student community.
- To ensure effective participation and visibility, the *Department of CSE (AI & ML)* initiated extensive pre-event communication for the **CEREBRO – Gemini AI Challenge** through both digital and physical channels.

a) Notification & Circulars:

- An official event circular was shared with all Heads of Departments and faculty members for dissemination among students.
- Notices were displayed on departmental and campus notice boards highlighting event objectives, rules, and registration links.

b) Digital Publicity:

- The event poster was circulated via institutional email groups, Microsoft Teams, and WhatsApp student communities.
- A dedicated Google Form registration link was provided for participants to submit entries in advance.
- Pre-event updates were posted on ACE's social media handles and student ambassador pages to attract multi-department participation.

c) Orientation & Awareness:

- The Google Student Ambassador, *Ms. R. Harshitha and Team*, conducted a brief orientation explaining **Google Gemini** features and the event's creative focus.
- A short teaser video was shared to generate interest and familiarize students with the competition categories – *AI Poster* and *AI Video Challenge.*

d) Faculty Involvement:

- Faculty coordinators guided students in understanding prompt-engineering basics and sample creative tasks.
- Internal mentors were assigned to help participants troubleshoot Gemini AI setup and submission procedures.

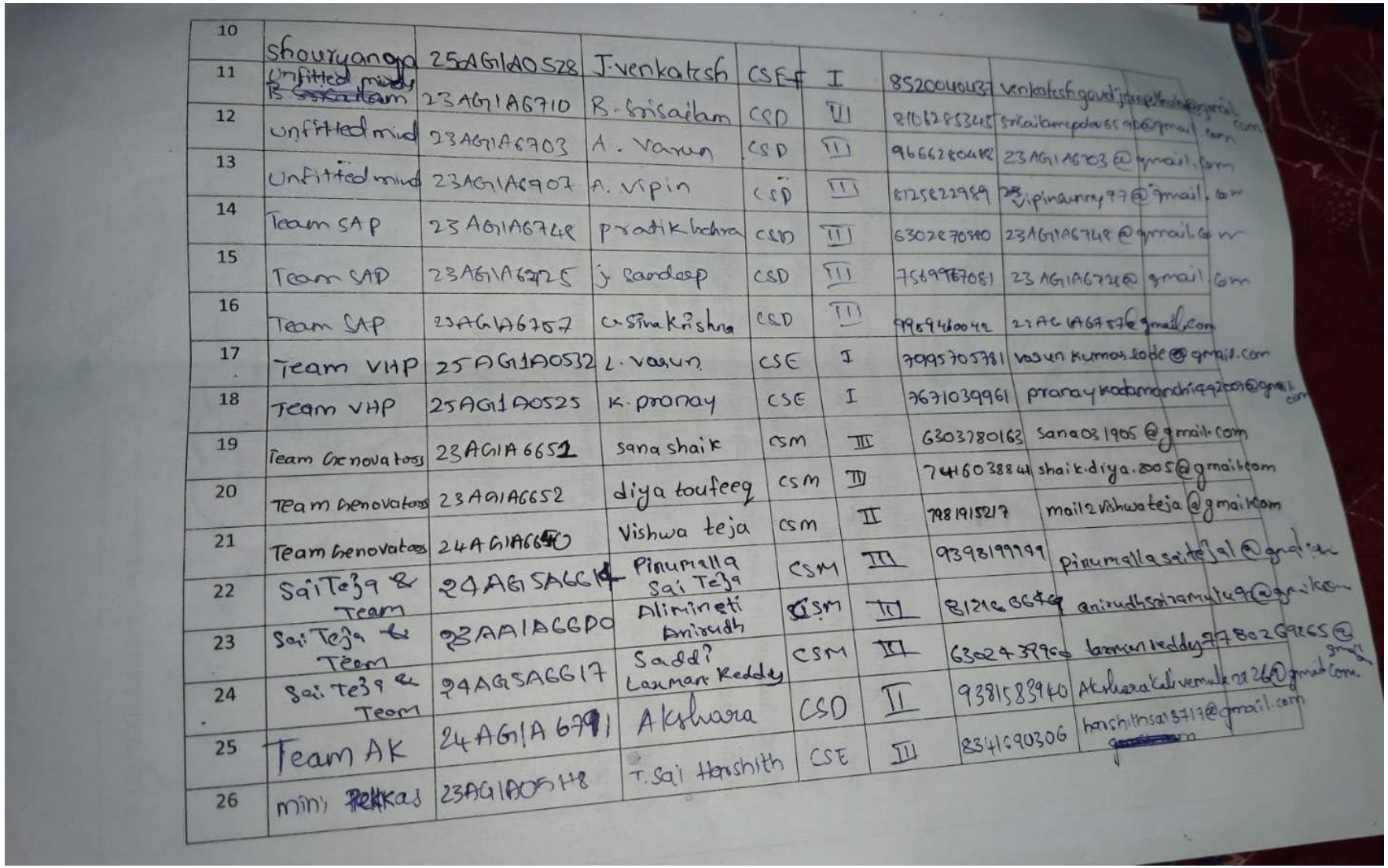
e) Outcome of Communication Drive:

- The communication campaign received an enthusiastic response, resulting in **90 registrations** within four days.
- Multiple branches (CSE, CSM, CSD, CSO, AI & ML, AI & DS, IT & ECE) actively participated, reflecting the broad reach of the pre-event engagement.

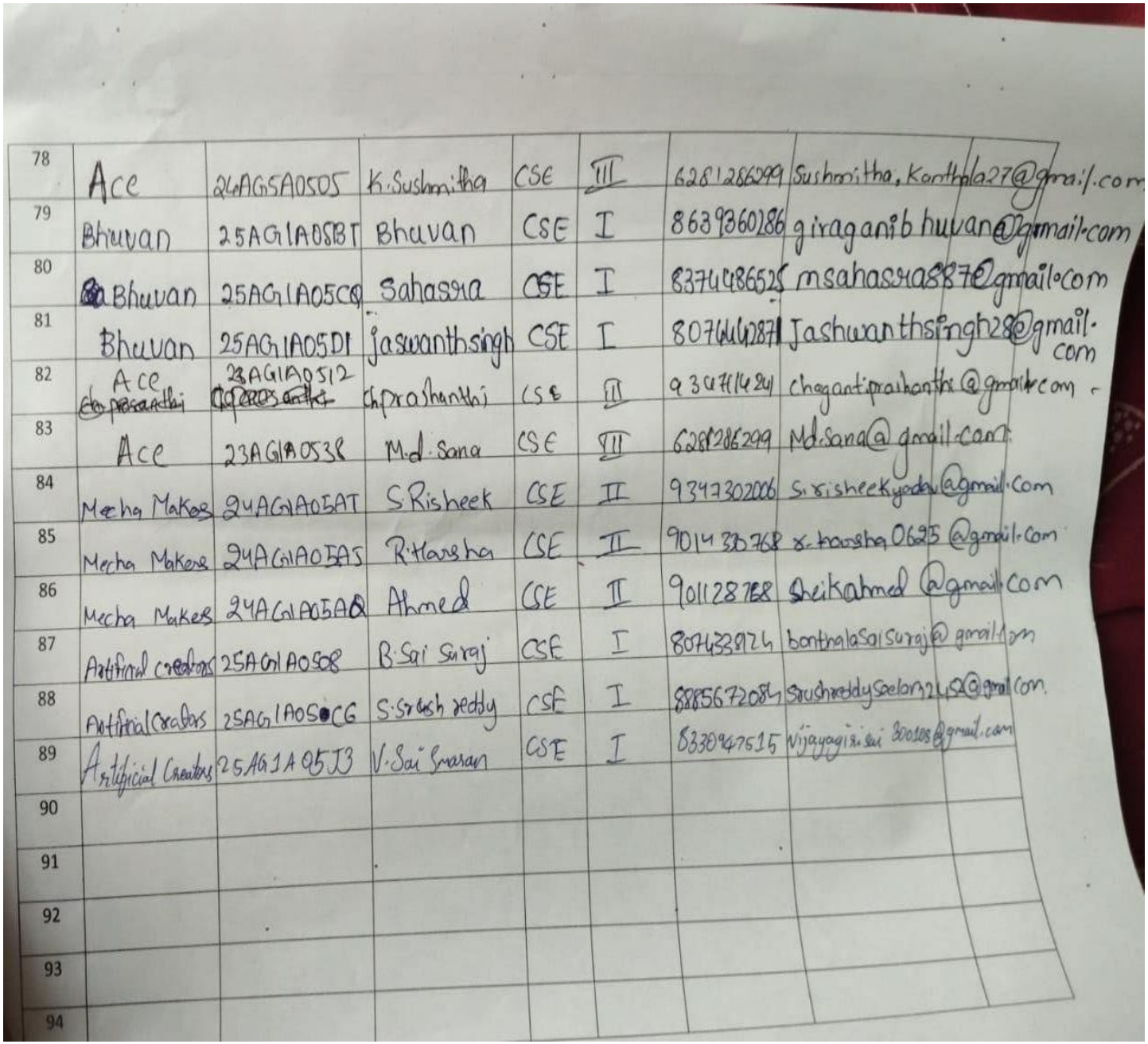
Embarking on Registration at Seminar Hall :

The excitement begins as students gather to kick off the CEREBRO: Gemini AI Challenge. With creativity in the air and curiosity at full throttle, participants are checking in, receiving guidance, and gearing up for a day of innovation powered by Google Gemini AI.

List of Students Registered: **The total students of 354 attended .**



10	shouryanga	25AG1A0528	J.venkatesh	CSE-F	I	8520040437	venkatesh goud j[illegible]@gmail.com
11	Unfitted minds B ~~Srisailam~~	23AG1A6710	B. Srisailam	CSD	III	8106285345	srisailamepalav6590@gmail.com
12	unfitted mind	23AG1A6703	A. Varun	CSD	III	9666280488	23AG1A6703@gmail.com
13	Unfitted mind	23AG1A6907	A. Vipin	CSD	III	8125822989	vipinsunny97@gmail.com
14	Team SAP	23AG1A6748	pratik bahra	CSD	III	6302870880	23AG1A6748@gmail.com
15	Team SAP	23AG1A6725	j sandeep	CSD	III	7569967081	23AG1A6725@gmail.com
16	Team SAP	23AG1A6757	C. Sivakrishna	CSD	III	9959460042	23AG1A6757@gmail.com
17	Team VHP	25AG1A0532	L. varun	CSE	I	7995705781	varun kumar lode@gmail.com
18	Team VHP	25AG1A0525	K. pranay	CSE	I	7671039961	pranay kadamanchi442009@gmail.com
19	Team Genovators	23AG1A6651	sana shaik	CSM	III	6303780163	sana031905@gmail.com
20	Team Genovators	23AG1A6652	diya toufeeq	CSM	III	7416038841	shaik.diya.2005@gmail.com
21	Team Genovators	24AG1A6650	Vishwa teja	CSM	II	7981915217	mail2vishwateja@gmail.com
22	Sai Teja & Team	24AG5A6614	Pinumalla Sai Teja	CSM	III	9398199999	pinumallasaitejal@gmail.com
23	Sai Teja & Team	23AA1A6600	Alimineti Anirudh	CSM	III	8121606469	anirudhsriramulu92@gmail.com
24	Sai Teja & Team	24AG5A6617	Saddi Laxman Reddy	CSM	III	6302439960	laxmanreddy7780269265@gmail.com
25	Team AK	24AG1A6791	Akshara	CSD	II	9381583940	Akshara kalivemula2126@gmail.com
26	mini Rekkas	23AG1A0518	T. Sai Harshith	CSE	III	8341690306	harshithsai3717@gmail.com



78	Ace	24AG5A0505	K.Sushmitha	CSE	III	6281286299	Sushmitha.Kanthala27@gmail.com
79	Bhuvan	25AG1A05BT	Bhuvan	CSE	I	8639360286	giraganibhuvan@gmail.com
80	Bhuvan	25AG1A05CQ	Sahasra	CSE	I	8374486525	msahasra887@gmail.com
81	Bhuvan	25AG1A05DI	jaswanthsingh	CSE	I	8076442871	Jashwanthsingh28@gmail.com
82	Ace ~~ch prasanthi~~	23AG1A0512 ~~ch prasanthi~~	ch prashanthi	CSE	III	9347114241	chagantiprashanthi@gmail.com
83	Ace	23AG1A0538	M.d.Sana	CSE	III	6281286299	Md.Sana@gmail.com
84	Mecha Makers	24AG1A05AT	S.Risheek	CSE	II	9347302006	s.risheekyadav@gmail.com
85	Mecha Makers	24AG1A05AJ	R.Harsha	CSE	II	9014330768	r.harsha0625@gmail.com
86	Mecha Makers	24AG1A05AQ	Ahmed	CSE	II	9011287688	Sheikahmed@gmail.com
87	Artificial creators	25AG1A0508	B.Sai Suraj	CSE	I	8074338124	banthalasaisuraj@gmail.com
88	Artificial Creators	25AG1A05CG	S.Srush reddy	CSE	I	8885672084	srushreddysaelam2452@gmail.com
89	Artificial Creators	25AG1A05J3	V.Sai Smaran	CSE	I	8330947515	vijayagirisai300108@gmail.com
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Curtain Raiser by YVS Durga Prasad & HOD's :

The stage is set and the energy is palpable as **YVS Durga Prasad & HOD's** officially inaugurates the *CEREBRO: Gemini AI Challenge*. With inspiring words and a visionary outlook, he opens the gateway to a day of innovation, creativity, and AI-powered exploration. Let the challenge begin!

Dr. M. Murali delivered an inspiring address during the *CEREBRO: Gemini AI Challenge*, highlighting the transformative power of artificial intelligence in creative and emotional contexts. He spoke passionately about **Google Gemini's capabilities**, emphasizing how the platform enables not just technical innovation but also deeply personal storytelling.

One touching example he shared was about **restoring an old image of his mother using Gemini's AI tools**—a moment that beautifully illustrated how technology can preserve memories and evoke emotion. His story resonated with the audience, showing that AI isn't just about algorithms and data—it's about connection, creativity, and human experience.

- **Gemini's Capabilities**: They showcased how Gemini can generate stunning visuals, craft compelling narratives, and assist in technical tasks—making it a versatile platform for students across disciplines.
- **Real-World Applications**: From marketing to medicine, education to entertainment, the team highlighted how AI-generated content is reshaping industries and opening new career pathways.
- **Student-Centric Innovation**: They applauded the initiative by ACE Engineering College and the Google Student Ambassadors, noting that events like CEREBRO are vital for cultivating **AI fluency and innovation culture** among young minds.

" Gemini is more than a product—it's a canvas for your imagination. What you create today could inspire the world tomorrow. "

At the heart of the *CEREBRO: Gemini AI Challenge* lies a transformative vision—**empowering students through the Gemini Framework**, Google's cutting-edge generative AI platform. This strategic focus was introduced to help participants understand not just how to use Gemini, but how to **think with it**.

The AIDS HOD highlighted the role of **data-driven creativity**, pointing out how AI models like Gemini rely on vast datasets to generate meaningful content. He spoke about the fusion of **analytics and imagination**, urging students to think critically about how data informs design, narrative, and user experience. His speech underscored the value of **ethical AI use**, especially in content generation and personalization.

"Data is the heartbeat of AI. When paired with creativity, it becomes a powerful force for innovation."

- **Empowering the Next Generation**: The team encouraged students to see AI not just as a tool, but as a **partner in creativity**, capable of transforming ideas into impactful media.

Google Gemini Framework:

What Is the Gemini Framework?

The Gemini Framework is Google's advanced AI ecosystem designed for **multimodal creativity**, enabling users to generate images, videos, text, and more—all from intelligently crafted prompts. It combines **natural language understanding**, **visual synthesis**, and **contextual learning** to produce high-quality, AI-generated media.

Strategic Goals of the Framework Introduction:

- **Demystify Prompt Engineering**: Teach students how to structure prompts that guide AI effectively.
- **Bridge Art and Technology**: Show how Gemini can be used for both technical and artistic expression.
- **Enable Real-World Application**: Equip participants with skills relevant to industries using generative AI.

By introducing the Gemini Framework, the event positioned students not just as users, but as **architects of AI-powered creativity**. It laid the foundation for a future where engineers, designers, and storytellers collaborate with AI to build immersive, intelligent experiences.

The Ice Breaker Session: Community Building:

Immediately following the intellectual gravity of the theme launch, the **ice-breaker session** was strategically introduced. This segment provided a much-needed opportunity for participants to **relax and connect** prior to the formal competition.

Activities and Energy Generation:

The session featured various engaging activities designed to energize the atmosphere:

- **Interactive Games**
- **Short Quizzes**
- **Spontaneous Creative Exercises**

Networking and Community Outcomes :

Students enthusiastically collaborated across existing team and departmental lines , actively **sharing insights and building networks** that extended beyond typical departmental boundaries. The session fully achieved its stated purpose: establishing a profound sense of **community among AI enthusiasts**.

Contest Rounds: The Competitive Phase

The main competition phase began shortly after the completion of the ice-breaker. The challenge incorporated two distinct and major contest formats:

1. **Poster Making**
2. **Video Generation**

Video Making Themes:

- AI & ARTISTIC EXPRESSIONS
- AI VS HUMAN
- FUTURISTIC AI

Video Generation Rules:

- must be 24 sec
- must include 3 scenes in the video
- background audio

Poster Making Themes:

- AI & ARTISTIC EXPRESSIONS
- AI VS HUMAN
- FUTURISTIC AI

Ice Breakers:

- AI & ARTISTIC EXPRESSIONS

The poster must visually represent at least two distinct art styles from the following list:

1. Studio Ghibli Style
2. Raja Ravi Varma Style
3. Van Gogh
4. Warli / Madhubani
5. Cyberpunk
6. Surrealism
7. Picasso
8. Miniature Painting
9. Anime & Manga Style
10. Pixel / Retro Gaming Art

- **AI VS HUMAN :**

The poster must visually represent at least two distinct aspects of the AI-Human relationship from the following list:

* Conflict
* Collaboration
* Creation
* Automation
* Confrontation

FUTURISTIC AI :

The poster must visually represent at least two distinct aspects from the following list:

* The Emotional Core
* The Unseen System
* The Ethical Dilemma
* Symbiotic Evolution
* The Paradox of Control

After the competitors finished their poster-making and video-making tasks, a panel of judges stepped in to evaluate each team's work. The evaluation was based on several key criteria: creativity, originality, teamwork, and how well the final product aligned with the given theme. Judges closely observed how each team presented their ideas, the clarity of the message in their posters and videos, and also how effectively they used their time and resources. There was a scoring system, with points awarded for each category. After compiling the scores, the judges provided constructive feedback to each team, highlighting strengths and areas for improvement. In the end, this thorough evaluation process helped decide the winners, but it also gave all participants a clear understanding of how they performed and where they could grow. That's how the evaluation process unfolded.

Evaluation Protocol :

The judging process was rigorous and multifaceted. Each submission was evaluated against a strict set of criteria:

- **Creativity**
- **Originality**
- **Relevance to the Theme**
- **Technical Coherence**

The judging panel consisted of experts drawn from both **academia and industry**, providing a balanced and professional assessment. They delivered **constructive feedback** to the teams, placing particular professional emphasis on achieving **clarity of communication** and demonstrating robust **conceptual strength** in the submissions

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CEREBRO Evaluation Sheet

Poster/Video Making Theme :

Sno.	Team Name	Apt to theme (5)	Included ice breaking (5)	Prompt Framework (5)	Overall concept (Storyline) (5)	Total (20)
1.						
2.						
3.						

The Price Distribution Ceremony:

The day's activities culminated in the highly anticipated **prize distribution ceremony**. This formal recognition segment celebrated the technical and creative achievements of the top-performing teams.

Official Results and Winning Teams:

The following teams emerged as the distinguished winners across the two competition categories:

Category	Award	Team Name	Department
Poster Category	First Prize	Team MJS	AI&DS
Poster Category	Second Prize	Team Olerix	AI&ML

Category	Award	Team Name	Department
Video Category	First Prize	Team VAS	CSD
Video Category	Second Prize	Team 405 FOUND	AI&ML

The culmination of the event was marked by the prestigious Prize Distribution Ceremony, honoring the most outstanding contributions in both technical and creative domains. Teams from across departments showcased their talent, dedication, and innovation through compelling posters and videos.

These results reflect the spirit of collaboration and creativity that defined the competition. Congratulations to all the winners!

▫ Organizing Team Appreciation:

We extend our heartfelt gratitude to our Google Student Ambassador for their outstanding contributions to the success of this event. Their role as a bridge between Google and the student community has been instrumental in fostering a culture of innovation, collaboration, and digital empowerment.

▫ Sample Certification:

Thank you!