



MBSE SUMMIT 2025

Theme : Conquering Complexity with Simplicity: The MBSE Advantage



13 – 14 June, 2025



PCCOE, Pune, Maharashtra

TOGETHER WE ENGINEERED – MBSE 2025 REPORT



In association with PCCOE

WWW.MBSESUMMIT.IN

MBSE SUMMIT 2025 REPORT

Date & Venue: The Model-Based Systems Engineering (MBSE) Summit 2025 was held on June 13–14, 2025 at Pimpri Chinchwad College of Engineering (PCCOE) in Pune, Maharashtra. Organized by the INCOSE India Chapter in collaboration with PCCOE, the summit's theme was "Conquering Complexity with Simplicity: The MBSE Advantage". This flagship event drew over 320 participants from India's leading industries, academia, and research institutions, providing a dynamic platform for systems engineering professionals to share knowledge and best practices. An INCOSE SEP certification exam was conducted on June 15 (Day 3) as a concluding professional development activity.

Overview: Over two days, the summit featured insightful keynotes, technical paper presentations, panel discussions, and networking sessions centered on the latest MBSE developments and its integration with emerging technologies. The event highlighted strong industry-academia collaboration – underscored by a new MoU between INCOSE India and PCCOE – and concluded with the INCOSE Systems Engineering Professional (SEP) exam for participants. Below is a breakdown of the summit proceedings and outcomes.

DAY 1 HIGHLIGHTS (JUNE 13, 2025)

Inauguration & Welcome: Day 1 opened on a solemn note with a two-minute silence in memory of recent accident victims in Ahmedabad airplane crash, followed by a traditional lamp-lighting ceremony and the national anthem. The proceedings were ably hosted by Ms. Arpita Shrivastava, who set a warm, professional tone for the event. Welcome addresses were delivered by Ms. Stueti Gupta (Secretary, INCOSE Global) and Dr. Narendra Deore (Dean R&D, PCCOE), setting the stage for two days of knowledge sharing. A significant early highlight was the signing of a Memorandum of Understanding (MoU) between INCOSE India and PCCOE to strengthen industry-academia collaboration in systems engineering. The MoU was exchanged by Mr. Mudit Mittal (President, INCOSE India) and Dr. N. B. Chopade (Deputy Director, PCCOE) in a brief ceremony, symbolizing the commitment to developing systems engineering talent and research jointly.



DAY 1 HIGHLIGHTS (JUNE 13, 2025)

Keynote Sessions: The morning featured powerful keynote talks aligning with the summit theme:

- **Mr. David Long** (INCOSE Global Director for Strategic Integration) emphasized MBSE's critical role in the future of engineering and strategies for its successful implementation.
- **Mr. C. S. Adishesha** (Senior Technical Fellow, Collins Aerospace) spoke on "Conquering Complexity through MBSE – An Aerospace Perspective," illustrating how aerospace projects leverage MBSE to manage system complexity.
- **Dr. Ramakrishnan Raman** (Senior Chief Engineer, Eaton and INCOSE Fellow) shared insights on integrating Artificial Intelligence with MBSE, highlighting how AI can enhance model-based systems engineering in complex product development.
- **Mr. Bharathkumar Balaji** (Obeo, USA) presented a pragmatic approach to MBSE with "Navigating the Systems Engineering Landscape with Arcadia & Capella," demonstrating open-source solutions for model-based design and analysis.



DAY 1 HIGHLIGHTS (JUNE 13, 2025)

Technical Paper Presentations: In the afternoon, parallel technical sessions showcased innovative MBSE applications across domains. Selected highlights included:

- AI-assisted traceability in MBSE for medical devices, using Natural Language Processing to suggest requirement linkages.
- Blockchain-driven operational analysis for aviation maintenance (MRO), illustrating how MBSE models can enhance maintenance processes.
- Applying MBSE to improve the FMEA (Failure Modes and Effects Analysis) process, demonstrating model-based methods for better risk analysis in engineering design.

These peer-reviewed papers and presentations, spread across multiple tracks, provided cutting-edge research outcomes and practical case studies to the attendees.



Panel Discussion: A major highlight of Day 1 was a panel discussion on “MBSE Adoption Across Industries.” Moderated by Ms. Neha Tiwari (Boeing), the panel featured industry experts: Mr. Shailesh Agrahari (Philips Healthcare), Mr. Mudit Mittal (BlueKei Solutions), Mr. Prasanna Ramamurthy (Collins Aerospace), Mr. Kiran Jacob (Dassault Systèmes), and Dr. Manas Bajaj (Interfax). The panelists, drawn from aerospace, healthcare, automotive and consultancy backgrounds, shared real-world experiences on MBSE transformation – discussing challenges in organizational adoption, success stories, and enablers such as management buy-in, training, and tool integration. This interactive session provided the audience with cross-industry perspectives on implementing MBSE at scale.



Evening Program: Day 1 concluded on a vibrant note. A cultural program in the evening – hosted by Dr. Amrita Francis of PCCOE – showcased local culture and talent, adding a festive touch to the technical gathering. This was followed by a gala dinner that offered participants a relaxed setting for informal networking and exchange of ideas. Attendees and speakers mingled during dinner, building connections across academia and industry. The success of the first day was made possible by strong support from event sponsors Collins Aerospace (Platinum sponsor), Dassault Systèmes- Trident Infosol, Intercax, Obeo, (Gold), MathWorks (Silver), and Ansys & CM Excellence (Bronze). The session also included a briefing on the Technical Leadership Institute, the induction of Mr. Sharad Rayguru, and a survey presentation on a real-world problem by Ms. Payal, which was discussed by Mr. David Long.



DAY 2 HIGHLIGHTS (JUNE 14, 2025)

Opening & Keynotes: Day 2 began with a welcome address by Dr. Nikhil Joshi (Conference Chair and Enterprise Architect, HCL Technologies Limited) to set the context for another day of intensive learning. The morning plenary talks included:

- **Mr. Maruti Venkata (Scientist, DRDO)** delivered an enlightening session on “Model-Based Systems and HIL Automation for Avionics Development,” sharing how the defense research community is applying MBSE coupled with Hardware-in-the-Loop (HIL) techniques to advance avionics systems development.
- **Mr. Kiran Jacob (Dassault Systèmes)** presented “CATIA Cyber-Systems MBSE Framework: Empowering Digital Engineering,” demonstrating the seamless integration of digital engineering tools and MBSE workflows in product lifecycles. This talk gave insight into industry-grade MBSE frameworks employed in automotive and aerospace sectors.
- **Dr. Manas Bajaj (Co-founder & Chief Systems Officer, Intercax)** spoke on “Weaving Enterprise Intelligence: Digital Thread + AI Shaping the Future of Digital Engineering,” illustrating how digital threads combined with artificial intelligence can connect disparate system models and data for enhanced decision-making. These sessions underscored emerging trends at the intersection of MBSE, AI, and enterprise data integration.



Technical Sessions: Following the keynotes, Day 2 continued with multiple tracks of technical paper presentations and demos (in three parallel halls). Topics ranged from MBSE in automotive and aerospace systems to model-based process improvements in healthcare and manufacturing, reflecting the broad applicability of MBSE. Participants engaged with authors on case studies and research findings, building on the discussions from Day 1. The robust attendance in all tracks on both days indicated the high interest and value perceived by the community. (Detailed lists of papers and their authors are available in the conference program.)

DAY 2 HIGHLIGHTS (JUNE 14, 2025)

Panel Discussion: In the afternoon, a forward-looking panel discussion titled “Building Talent for Tomorrow’s MBSE Needs” addressed the skills and education required to sustain MBSE growth. Ms. Aparna Kansal (Boeing) moderated the session, guiding a conversation among panelists Dr. Yogananda Jeppu (Boeing), Dr. Devanandham Henry (Mahindra University), Dr. Ranga Gunti (Tata Motors), Dr. Amrita Francis (PCCOE), and Mr. Tamilselvan S. (Philips Healthcare). They discussed academic initiatives (such as new curricula and MTech programs in Systems Engineering), the importance of mentoring young engineers, and how organizations can cultivate MBSE expertise internally. This session emphasized workforce development as a key enabler for MBSE adoption, echoing the summit’s focus on collaboration between industry and academia.



Closing Ceremony: As Day 2 drew to a close, outstanding contributions were recognized with awards for the Best Paper and Best Paper-less Presentation, applauding the high-quality work shared at the summit. Dr. Yogananda Jeppu then delivered closing remarks, summarizing the key takeaways of the two-day event and encouraging participants to apply the insights gained in their respective projects and organizations. He highlighted the momentum that MBSE is gaining across sectors in India and the importance of sustaining this community of practice. The formal program concluded with an INCOSE India Working Group meeting (6–7 PM), where local chapter members and interested attendees discussed follow-up actions, continued engagement through INCOSE’s regional groups, and plans for future MBSE initiatives. Organizers also expressed gratitude to the PCCOE management and volunteer team for their tremendous support – the campus infrastructure and the efforts of faculty/students were instrumental in the event’s smooth execution.

DAY 3 HIGHLIGHTS (JUNE 15, 2025)

The third day was dedicated to professional certification. An INCOSE SEP (Systems Engineering Professional) exam was conducted in the morning for summit attendees and others pursuing certification. The exam session saw aspiring systems engineers attempt the knowledge-based test to earn their SEP credentials. This opportunity, held on-site at PCCOE, underlined the summit's commitment not only to knowledge sharing but also to building credentials and skills in the systems engineering community. Attendees appreciated the convenience of having a certification exam aligned with the event, allowing them to immediately work toward personal professional development as a follow-up to the learnings from the summit.

Conclusion: The MBSE Summit 2025 was a resounding success, achieving its objectives of outreach, education, and community-building in the realm of model-based systems engineering. Over the two days, the event fostered robust exchanges among practitioners, researchers, and students – enriching their understanding and sparking new ideas. It showcased how collaborations between organizations like INCOSE India (the Indian chapter of the International Council on Systems Engineering) and academic partners like PCCOE can significantly advance the practice of systems engineering in the region. As India's hub for INCOSE activities, INCOSE India Chapter continues to provide a dynamic platform that connects government, industry, and academia, thereby contributing to the collective progress of systems engineering in the nation. The successful conduct of MBSE Summit 2025 in Pune – with its high turnout, rich content, and enthusiastic participation – has set a positive precedent for future editions. Participants left the summit inspired to “conquer complexity with simplicity” in their projects, armed with new insights, broader networks, and a stronger resolve to implement MBSE practices. The chapter looks forward to building on this momentum, with more such events and initiatives to support the growth of the MBSE community in India and beyond.

Intercax
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🌟 Day 1 Highlights from the MBSE Summit 2025 in Pune.

An incredible start to the event with over 300 participants! We engaged in insightful discussions at our booth, participated in a panel with industry leaders, and explored the transformative potential of Digital Thread and Digital Engineering. 🌐

We're all set for an even more exciting Day 2, where we'll showcase our presentations on Spacecraft Digital Thread 🚀 and Weaving Enterprise Intelligence: Digital Threads + AI shaping the future of Digital Engineering.

Stay tuned for more updates!

#mbse2025 #digitalthread #conference



Nikunj MANVAR • 2nd
MBSE | SysML | Systems Architecture Designer | Cameo | Magic...
5d • Edited • 🌐

+ Follow

Just attended MBSE Summit 2025 in Pune, India—an incredible gathering of minds focused on "Conquering Complexity with Simplicity: The MBSE Advantage."

One of the highlights was the insightful panel discussion on "MBSE Adoption Across Industries" where I had the opportunity to learn from **Kiran Jacob**, **CSEP**, **Yogananda Jeppu**, **Mudit Mittal**, **Manas Bajaj** and **Shailesh Agrahari**. Their perspectives on industry-wide implementation and challenges were invaluable.

Additionally, an exciting new challenge was launched by Dr. **Nikhil Joshi** on Nearby Driver Communication Systems. Looking forward to seeing innovative solutions emerge from this challenge! Looking forward to connecting with others who share the same passion for **Model-Based Systems Engineering.**

Beyond the incredible discussions, this summit also gave me the fantastic opportunity to reconnect with old colleagues who have become great friends. **Ganesh Chavan Vijay A. RAVINDRA JADHAV Saurabh Khotkar Vivek Nagose**

A huge thank you to the MBSE Summit 2025 Organizing Committee for putting together such a well-structured and impactful event. **Sharad Rayguru Akshay Vidap** and all others.

#MBSE #MBSE2025 #SysMLv2 #SystemsEngineering #EngineeringInnovation #ComplexitySimplified #DriverCommunication

Kiran Jacob , CSEP • 1st
Industry Process Consultant Senior Manager (Systems Engineering)
5d • 🌐

Just wrapped up an incredible two days at the MBSE Summit 2025 [<https://www.mbsesummit.in/>], and what an experience it has been! A heartfelt thank you to INCOSE India for organizing such a well-curated event and for the kind invitation to participate as a speaker and panelist. It was a privilege to share our experiences and engage in enriching discussions around the evolving MBSE landscape.

Grateful to the Dassault Systèmes MBSE team for their support and active contribution throughout the summit — your insights and collaboration made a strong impact.

And a special thanks to all the customers and industry professionals we interacted with over these two days — the exchanges were insightful and energizing. Looking forward to continuing these conversations beyond the summit!

#MBSE #INCOSEIndia #SystemsEngineering #DassaultSystemes #Collaboration #MBSESummit2025 #SysML #DigitalEngineering



David Long • 1st
Executive Leader. Strategic Systems Thinker. Systems Engineering. M...
6d • 🌐

Congratulations to **INCOSE India Chapter** on a highly successful **#MBSE Summit 2025**. A sold-out, high-energy event with 350 delegates, fresh insights gained, many connections made, and dare I say leaving with a few new friends - you couldn't ask for anything more! It was two jam-packed two days of sessions and dialog with seasoned practitioners, early career professionals, and passionate student volunteers beginning their systems journeys. I was honored to play a small part delivering a keynote "Addressing Complexity through MBSE: The Journey to Progress, the Path to Ruin" and sharing insights on the **INCOSE Technical Leadership Institute**. I look forward to the opportunity to return and engage again with this growing **#systemsEngineering** community.

It's not possible to thank everyone who made this happen, but I would be remiss if I didn't explicitly thank several people who helped make this trip a special one: **Sharad Rayguru, Mudit Mittal, Nikhil Joshi, Prasanna Ramamurthy, CSEP, Devanandham (Deva) Henry, Srimannarayana Myla, CSEP, Neha Tiwari, Stueti Gupta, Yogananda Jeppu, and Ramakrishnan Raman**. Thank you for all that you have done to advance the systems engineering community.




Addressing Complexity through MBSE
The Journey to Progress, the Path to Ruin



BlueKei Solutions Pvt Ltd

1,847 followers

4d •

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MBSE Summit 2025: A Moment of Pride for BlueKei

When Chandrayaan-3 made its soft landing on the Moon's south pole, it wasn't just about reaching somewhere no one else had it was about how we got there: with perseverance, precision, and quiet belief in our capabilities.

That's the spirit we carried with us to the MBSE Summit 2025, and we're grateful and proud to share how it turned out:

- 8 of the 75 submissions were from BlueKei
- 2 of the 10 final papers selected came from our team
- 2 of the 13 final presentations were ours

And most humbling of all we received 2 of the 4 awards:

- Best Paperless Presentation Award
- Second Best Paper Presentation Award

These recognitions reflect work we've been quietly investing in for months work grounded in practical challenges, emerging needs, and a deep commitment to the evolving goals of Systems Engineering and MBSE.

We're especially thankful that the broader community, including respected stalwarts in the field, saw value in what we brought forward. That, more than anything, reinforces why we do what we do.

Over the years, we've had the opportunity to apply SE and MBSE to problems that many thought had no clear answers. It's never easy, but it's always worth it. This summit reaffirmed that belief.



Poorva Tiwari • 1st

Systems Engineer MTRG EC- R&D @Philips

6d • Edited •

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I recently got a chance to present my paper — AI-Assisted Traceability Link Suggestion in MBSE for Medical Devices using NLP in the MBSE Summit by [INCOSE](#), and the responses I got for the same were overwhelmingly supportive. I remember almost giving up the idea of writing this paper when [Sharad Rayguru](#) pushed me enough from "lets see if I can do this" to "lets see how far can I take this".

The platform has given me confidence in abundance, the guides like [Yogananda Jeppu](#) have spoken such encouraging words that have stirred the thought of imbibing as much as I can from the extremely talented, confident, successful, knowledgeable people around me like [Stueti Gupta](#).

I thank the [INCOSE India Chapter](#) for giving me the stage, and making me realise that efforts are something which are contagious, we ought to do more when we see people around, skimming for more!

[#MBSESummit2025](#) [#INCOSE](#) [#SystemsEngineering](#) [#MBSE](#) [#ProfessionalGrowth](#)







Shrikant Ket • 1st

Leader- Functional Excellence: Digital Enginee...

6d • Edited •

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Shruti asked,
Why do good things have to end? Friendships, projects, even moments we treasure?

Sharad looked out and replied,
Because endings make space for growth, for change, for what's next.

Shruti sighed,
But sometimes it feels unfair... like things ended too soon.

Sharad nodded gently,
True. But not every ending is a bad. Some are transitions. Like chapters in a book you don't stop reading, you just turn the page.

Shruti paused,
So it's not about holding on... it's about knowing when to move forward?

Sharad smiled,
Exactly. Every ending carries a lesson, a memory, or a gift. And sometimes, it's the only way something new can begin.

—

Moral:
Endings aren't bad, they're foundations. They teach us, shape us, and clear the path ahead.



Anup Deshmukh, CSEP • ... [+ Follow](#) ✕
Contributing towards National pu...
6d • Edited •

Day 2 of the MBSE Summit 2025 has been incredibly insightful! Dr. Manas Bajaj's presentation on the digital thread was truly enlightening, highlighting how it enables weaving enterprise intelligence by:

- Breaking down silos across domains
- Establishing interactions between elements
- Leveraging existing systems and tools
- Maximizing ROI

The technical paper presentations were also impressive, covering topics such as:

- FMEA (Failure Mode and Effects Analysis) - Identifying potential failures, mitigating risks
- System Change Impact Analysis - Navigating complexity with ease
- Product Line Engineering using MBSE - Streamlining development, boosting efficiency

I had the pleasure of interacting with some amazing professionals. [Aparva Joshi, Ph.D.](#), [Mudit Mittal](#), [Stueti Gupta](#), [Sharad Rayguru](#), Cdr Virendra Vikram Vishen, PMP, ASEP and [Prasanna Ramamurthy, CSEP](#). Their expertise and experiences were invaluable!

It's been a fantastic experience attending the MBSE Summit 2025, and I'm grateful for the opportunities to learn from and network with fellow professionals in the field.

[#MBSESummit2025](#)



Sakshi Gulgulia • 2nd [+ Follow](#) ✕
Industry Process Consultant - MB...
1w •

I had the incredible opportunity to attend the INCOSE MBSE Summit 2025 at PCCOE, Pune, where I presented on "Adopting MBSE to Enhance the FMEA Process."

In my session, we explored the integration of Model-Based Systems Engineering (MBSE) with the FMEA process, comparing the traditional AIAG-VDA methodology with an MBSE-driven approach using frameworks like MagicGrid. The focus was on how MBSE can enhance early risk identification, traceability, and collaboration throughout the product development lifecycle.

💡 Key takeaways from the event:

- 🚀 **MBSE in Action:** Case studies across industries showed how MBSE simplifies complexity in large systems.
- 📊 **Standards & Methodologies:** Strong emphasis on adopting SysML v2 and CATIA Cyber-Systems Engineering.
- 🤝 **Community & Networking:** 300+ professionals, thought leaders, and innovators came together to shape the future of systems engineering in India.

It was an inspiring experience to be part of this growing community of systems thinkers and digital engineers. Special thanks to the organizing teams at INCOSE India and Dassault Systèmes for making this event a success!

[#MBSE](#) [#INCOSEIndia](#) [#DassaultSystemes](#) [#FMEA](#)

with Bhoommikha S

HIGHLIGHTS & HONORS

The India INCOSE Chapter successfully hosted the MBSE Summit 2025 in Pune, showcasing excellence in Model-Based Systems Engineering.

The technical track presentations Key highlights and recognitions:

Participation & Contributions at a Glance

- **83** Authors submitted papers and presentations
- **24** Expert Reviewers contributed their insights
- **25** Organizations participated
- **10** Paper Presentations and 13 Paper-less Presentations featured

Awards & Recognitions

Best Paper Presentation:

Authors: Manju Nanda, Umayr Jahagirdar, and Neelakanta Erabhovi (CSIR-NAL)

Title: An Integrated Model-Based Safety Analysis of Stall Warning and Protection Systems: FHA, FTA, and STPA in an Aviation Certification Context

Best Paper Presentation:

Authors: Ketaki Patwardhan and Somesh Taywade (BLUEKEI Solution)

Title: MBSE-Driven Engineering Excellence: Uniting ASPICE Rigor with MBPLE for Variant Management

Student Paper Recognition:

Author: Poorva Tiwari (Philip's)

Title: AI-Assisted Traceability Link Suggestion in MBSE for Medical Devices using NLP

Student Paper-less Presentation Recognition:

Authors: Prajakta Ghawate, Veena Waghmare, and Aditi Rade (PCCOE)

Title: Model-Based Systems Engineering for Hospital Management Services

HIGHLIGHTS & HONORS

Best Paper-less Presentation:

Authors: Rahul Konidena and Suvigya Gupta (BLUEKEI Solution)

Title: Bridging the Gap Between Strategic Decisions and Engineering Execution through a MBSE Approach

Best Paper-less Presentation:

Author: Shadab Hossain (Eaton)

Title: AI-Driven Ontology Modelling for Enhanced Model-Based Systems Engineering (MBSE)

Congratulations to all contributors and awardees for advancing MBSE excellence.

SPONSORSHIP SUMMARY

The MBSE Summit 2025, held on June 13–14 at PCCOE Pune, was a vibrant two-day event focused on advancing Model-Based Systems Engineering (MBSE) in India. The summit's success was significantly driven by the support and collaboration of our sponsors, who actively contributed through speaking sessions, live tool demonstrations, and technical showcases.

Platinum Sponsor: Collins Aerospace

- **Booth Space:** 2M x 4M
- **Speaking Slot:** Day 1
- **Topic:** "Conquering Complexity through MBSE – An Aerospace Perspective"
- **Speaker:** Mr. C.S. Adishesha, Senior Technical Fellow (Systems), Director – Technology & Innovation
- **Highlights:** Mr. Adishesha shared insights from over 30 years of experience in aerospace and defense, showcasing how MBSE can simplify and manage complexity in large-scale systems. The talk emphasized system maturity, traceability, and global innovation.

Gold Sponsors

Each Gold sponsor received a 2M x 3M booth and a 30-minute speaking slot.

Obeo

- **Booth Focus:** Promoted Capella, an open-source MBSE tool based on the Arcadia methodology.
- **Speaker:** Mr. Bharathkumar Balaji
- **Topic:** "Navigating the Systems Engineering Landscape with Arcadia & Capella"
- **Highlights:** The session explained how Capella supports structured system architecture modeling, traceability, and collaboration across engineering teams.

SPONSORSHIP SUMMARY

Intercax

- **Booth Focus:** Demonstrated Syndeia, their digital thread platform.
- **Speaker:** Mr. Manas Bajaj, Co-founder & Chief Systems Officer
- **Topic:** "Weaving Enterprise Intelligence: Digital Thread + AI Shaping the Future of Digital Engineering"
- **Highlights:** The talk showcased Syndeia's role in connecting engineering data across tools and departments. Mr. Bajaj emphasized AI's role in digital engineering and presented case studies from Intercax clients

Dassault Systèmes / Trident Infosol

- **Booth Focus:** Showcased real-time embedded automotive solutions.
- **Speaker:** Mr. Kiran Jacob, Industry Process Consultant Senior Manager
- **Topic:** "CATIA Cyber-Systems MBSE Framework: Empowering Digital Engineering"
- **Highlights:** Focused on the CATIA MBSE framework and its ability to support model continuity, lifecycle traceability, and collaborative system development.

Silver Sponsor: MathWorks

- **Speaker:** Mr. Gaurav Dubey, Consulting Application Engineer
- **Topic:** "System Engineering: From Requirements to Architecture to Simulation"
- **Highlights:** Using MATLAB/Simulink, MathWorks demonstrated real-world examples of how engineers can transition smoothly from requirements to architecture and simulation, supporting comprehensive MBSE workflows.

Bronze Sponsors: Ansys & CM Excellence

While Bronze sponsors were not included in the main auditorium schedule, they were offered 15-minute talks on Day 2 in parallel technical tracks, enabling them to promote their tools and engage with attendees.

Ansys

- **Speaker:** Mr. Vishal Naik, Sr. Technical Manager – APAC Region
- **Topic:** "Transforming Product Development with MBSE-Enabled Digital Engineering"
- **Highlights:** Mr. Naik introduced Ansys' MBSE capabilities including the System Architecture Modeler, and explained how their solutions integrate simulation with system modeling for better engineering outcomes.

SPONSORSHIP SUMMARY

CM Excellence

- **Speaker:** Mr. Ganil Patil, Technology Sales Leader – CMEx
- **Topic:** “Aligning Systems Thinking with Engineering Execution”
- **Highlights:** Focused on IBM’s MBSE solutions and their alignment with systems thinking principles. Mr. Patil demonstrated how IBM tools deliver value through end-to-end modeling, stakeholder collaboration, and execution-level insights.

Sponsor Talks Overview

Day 1 Talks:

- Collins Aerospace – Conquering Complexity through MBSE
- Obeo – Arcadia & Capella: A Pragmatic Approach
- MathWorks – From Requirements to Architecture to Simulation

Day 2 Talks:

- Dassault Systèmes – CATIA Cyber-Systems MBSE Framework
- IntercaX – Digital Thread + AI in Digital Engineering
- Ansys (Track Room) – MBSE-Enabled Digital Engineering
- CM Excellence (Track Room) – IBM MBSE + Systems Thinking

Exhibition & Booth Engagement

All Platinum and Gold sponsors were provided physical booth spaces at the summit venue to engage with participants, showcase tools, and strengthen brand presence.

Booth Allocation:

- Collins Aerospace – 2M x 4M
- Obeo, IntercaX, Dassault Systèmes / Trident Infosol – 2M x 3M each

SPONSORSHIP SUMMARY

Booth Highlights:

- Collins Aerospace utilized their spacious booth for brand promotion, showcasing engineering excellence in aerospace systems, and also as a platform for talent outreach and hiring discussions. They engaged with young professionals and shared insights into opportunities at Collins.
- Obeo used their booth to demonstrate Capella, their open-source MBSE tool, and offered hands-on walkthroughs on how Capella supports structured system modeling using the Arcadia methodology.
- Intercax showcased Syndeia, their flagship digital thread platform. Their team used the booth to present integration scenarios, answer deep technical queries, and highlight enterprise connectivity use cases across engineering tools.
- Dassault Systèmes / Trident Infosol presented their real-time embedded automotive solutions and the CATIA MBSE framework, interacting with attendees about end-to-end system modeling and cyber-physical design practices.

The booths were actively visited by professionals, students, and faculty members alike, creating a vibrant space for live demos, tool exploration, and strategic discussions throughout both days of the summit.

Conclusion: Sponsor Engagement & Feedback

On Day 2, the organizing team personally interacted with all sponsors, thanked them for their participation, and collected feedback to improve future events.

- Sponsors were highly satisfied with their experience at the summit.
- They appreciated the quality time allocated for sponsor talks and the relevance of the audience, which included over 300+ systems engineers from various industries.
- Booth interactions were lively, and sponsors noted that they were able to communicate their product value effectively.
- Many sponsors expressed their willingness to collaborate in future MBSE summits, recognizing the summit as a platform for both brand promotion and meaningful engagement.



Thank You Delegates, Speakers & Sponsors!

The success of **MBSE Summit 2025 – Pune** wouldn't have been possible without your enthusiastic participation and presence.

Your energy, engagement, and shared passion for Model-Based Systems Engineering have truly helped strengthen the **INCOSE India** community.

We look forward to welcoming you again at our next summit in Chennai!

Thank you

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