



IIT GANDHINAGAR



AMALTHEA

Prosperity through Technology

THE MASCOT



"GIVING WINGS TO TECHNOLOGY"

The symbol of Amalthea portrays a man sitting in a thoughtful pose. The man has been bestowed with wings. The inclusion of wings in the symbol of Amalthea serves as a powerful metaphor for the transformative capabilities of technology.

It symbolizes our ability to soar beyond the confines of conventional boundaries and unlock unprecedented advancements.

AMALTHEA '23 THEME

"Synergizing Knowledge"

- To access valuable insights and industry-specific knowledge through interactive **panel discussions** and **expert opinions**.
- To facilitate **networking opportunities**, enabling professionals to build valuable connections and exchange ideas with like-minded individuals.
- To **foster innovation** and **creative thinking** by providing a platform for people to share their thoughts and exhibit their ideas.
- To **inspire young minds** to ponder upon currently existing problems and look for **innovative** and **feasible solutions**.

The theme for this year's Amalthea, "**Synergizing Knowledge**", encapsulates the core objective of the tech summit. Amalthea serves as a platform that **bridges the gap between academia and industry**, fostering collaboration and exchange of ideas.

ABOUT IIT GANDHINAGAR

IIT GANDHINAGAR was founded in 2008 along the riverbank of the Sabarmati in Gujarat, a state known for its thriving business landscape. What sets IIT Gandhinagar apart from other educational institutions is its commitment to a distinctive approach in education. The Institute offers an unparalleled curriculum that goes beyond **conventional boundaries**, emphasising a holistic approach to engineering education.

The Institute boasts collaborations with over **35 funding agencies**, highlighting its dedication to research excellence, like the development of **Automated Rehabilitation and Prosthetic Techniques** by the Centre for Biomedical Engineering bringing together experts from **robotics, medicine, and electronics**.

IIT Gandhinagar is also driven to make a positive social impact. Initiatives like **NYASA** provide educational opportunities to children of migrant construction workers. Their remarkable efforts have garnered recognition, including acknowledgment from influential figures like **Hillary Clinton**.

The Institute's exemplary innovations in engineering education were recognized when it received the **World Education Award** in **2013**. This year, it was **ranked 18** amongst the best engineering institutions in the country by **NIRF**. In the 2020 **Times Higher Education World University Rankings**, IIT Gandhinagar secured its place among the **top 600** educational institutes globally and ranked **7th in India**.

OUR LEGACY



IIT GANDHINAGAR has been the frontier of technological innovation ever since its inception. Its quest for **technical excellence** sparked the initiation of **AMALTHEA**, setting it on the path to becoming the forefront of modernization.

Amalthea's distinction lies in being a **solely student-run summit**, Amalthea empowers the younger generation to take the lead in technological advancements by entrusting them with the organization and execution of the event.

Over the span of the **two-day event**, we host several events including our flagship **Tech Expo**, captivating **Conclave** sessions, and insightful **Symposiums**. Esteemed experts from diverse fields converge at our event, delivering engaging talks that inspire and enlighten attendees.

This year marks the **14th edition** of Amalthea. Our focus is on **Synergizing Knowledge** and **bridging the gap** between **academia** and **industry**. Through collaborative discussions, we aim to foster innovation, practical application, and meaningful partnerships between these two sectors.

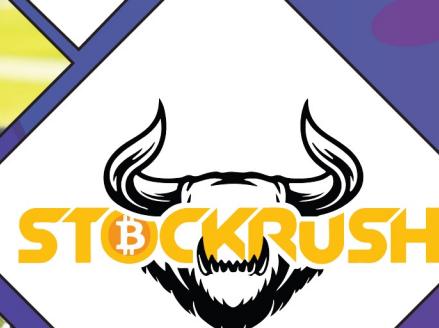
Join us, as we shape the future of technology and societal progress.

EVENTS

Challenges always attract innovative minds and conquering them is what makes life meaningful. Amalthea aims to bring brilliant brains from all over the country together and solve practical problems. It has a rich tradition of hosting successful events such as **Drift**, **ICon**, **BrainWiz** and many more. Along with this, **Amalthea**, in collaboration with **IDRL**, pioneered India's first drone racing event, **DRA**, in **2016**. In **2022**, Amalthea proudly hosted the **100th edition** of IDRL's drone racing event, marking a significant milestone in India's drone racing history. **The Events at Amalthea include:**

- 1. The Innovation Nexus:** Introducing a flagship event where leading companies and bright minds unite to solve real industry problems into a platform for innovative ideas, fostering collaboration and creativity.
- 2. DRA:** An aerial racing championship where the best drone pilots meet for an exciting and competitive tournament.

- 3. Stockrush:** An event that offers participants the chance to step into the shoes of real traders and experience the excitement and challenges of the stock market by simulating the intricacies of actual stock trading, allowing participants to make virtual investments, track market movements, and execute trades on a virtual trading platform.



- 4. AeroSprint:** An aeromodelling competition that offers students and enthusiasts a hands-on platform to design, build, and fly radio-controlled aircraft.
- 5. Drift RC Racing:** Skilled drivers showcase their precise skills by manoeuvering RC cars that are designed under specific problem statements, demonstrating exceptional throttle and steering control to create an awe-inspiring display of precision and control.
- 6. ICon:** An Innovation Conference that boosts the startup culture by recognizing and evaluating creative and unique entrepreneurial ideas from talented young individuals.
- 7. D'Code:** A captivating and intense contest presenting coders with competitive programming problems, pushing them to showcase their brilliance, problem-solving acumen.
- 8. BrainWiz:** A prestigious scientific quiz challenging students of classes 9 to 12 to demonstrate their logical and analytical abilities, providing valuable insights into the world of engineering.
- 9. GameJam:** Budding developers try to imagine new games based on a theme within a timeframe of just a month. In 2021, it was one of the most successful events at Amalthea witnessing record International participation.



CONCLAVE

The Conclave at Amalthea is a platform for holding discourses on various techno-managerial fields, seeking to host eminent speakers, visionaries, and pioneers to spread knowledge, experience, and problems along with their innovative solutions. Over the years, the Conclave has evolved to be one of the most popular happenings at Amalthea!

Past Conclave Speakers at Amalthea

- **Shri Narendra Modi**
(Honorable Prime Minister of India, the then Chief Minister of Gujarat)
- **Dr. Kamlesh Lulla**
(Chief Scientist and Research Director, NASA)
- **Mr. Alan Emtage**
(Creator of world's first search engine, Archie)
- **Dr. Matthew H. Schneps**
(Director, Laboratory for Visual Learning, MIT, Astrophysicist, Cognitive Scientist)
- **Mr. Sanjay Katkar**
(Co-founder and CTO, QuickHeal Technologies)
- **Dr. Jitendra Nath Goswami**
(Moon Man of India, Chief Scientist of Chandrayaan-1)
- **Mr. Kushagra Saxena**
(CTO, Mastercard)
- **Mr. Kunal Shah**
(Founder, CRED)



SYMPOSIUM

The Symposium provides a platform for a diverse crowd of academics, industry leaders, and policymakers to collaborate, discuss, and exchange ideas about pressing technological issues, all while deepening their knowledge in their respective fields. The focal theme of this year's Symposium, "**Electric Vehicles**", aims to kindle a spark of interest in the realm of **sustainable energy solutions**, resonating with the possibility of a more ecologically balanced tomorrow.

Past Symposium Speakers at Amalthea

- **Dr. V. K. Saraswat**
(Member NITI Aayog; Former Director General, DRDO; Chief Scientific Advisor, Ministry of Defence, Govt. of India)
- **Shri Amitav Mallik**
(Former Director, LASTEC, DRDO)
- **Cmde C. D. Balaji**
(Director, ADA, Ministry of Defence, Govt. of India)
- **Mr. Pranav Mehta**
(Chairman National Solar Energy Federation of India)
- **Dr. Omkar Jani**
(Director, Research and Culture, Kanoda Energy Systems Pvt. Ltd.)
- **Dr. Srinivas Oruganti**
(Director, Dr. Reddy's Institute of Life Sciences)

NETWORKING DINNER



As a catalyst for transformative partnerships, the **Networking Dinner** possesses the potential to mould industries and fuel societal progress.

The **NETWORKING DINNER** is an exclusive avenue which offers an unparalleled platform for government diplomats, summit partners, dignitaries from the industry, visiting visionaries and the faculty of IIT Gandhinagar to actively participate in intellectual discourse, fostering robust industry-academia alliances and delving into prospective synergies that can propel innovation and advancement.



TECH EXPO

COMPANIES

STARTUPS

TECHNOLOGY

INNOVATION

The **TECHNICAL EXPOSITION** at **AMALTHEA** holds a sacrosanct status within the event, serving as a pivotal component of the summit.

Spanning **two days**, the expo provides a platform for companies and startups to **showcase** their latest technologies and innovations to an enthusiastic and engaged audience.



PREVIOUS SPONSORS



PREVIOUS SPONSORS





CONTACT US

Debojit Das

+91 86370 54143

debojit.das@iitgn.ac.in

Hrriday Viraj Ruparel

+91 90740 94027

hrriday.ruparel@iitgn.ac.in

Nishi Shah

+91 95123 00877

nishi.shah@iitgn.ac.in

<https://amalthea.iitgn.ac.in>

amalthea@iitgn.ac.in

Abhijit Venkat

+91 70216 85739

abhijit.venkat@iitgn.ac.in

Samyak Gosalia

+91 83202 76538

gosalia.samyak@iitgn.ac.in



**Indian Institute of Technology
Gandhinagar**

Palaj Campus, Palaj Village,
Simkheda, Gandhinagar,
Gujarat - 382355