



ENGINEER
THE
IMPOSSIBLE

BROCHURE
2023-24

ABOUT US

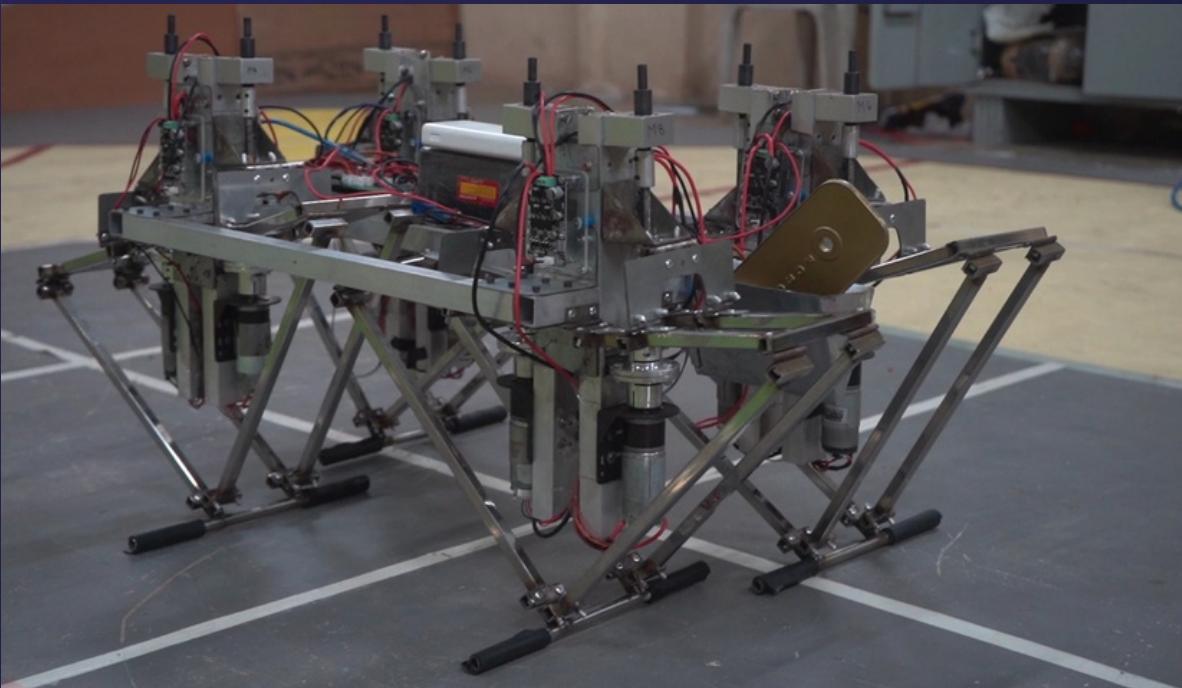
Founded in 2017, CSD Robocon NITK is the college's official robotics team. As a group of 30 interdisciplinary undergraduates mentored by Dr Gangadharan KV and Dr Pruthviraj U at the Centre for System Design at NITK Surathkal, we aim to win the Grand Prix at the prestigious ABU Robocon.

CSD Robocon NITK 2024



OUR VISION

Our vision is to establish a thriving robotics culture within our college and to be recognized as one of the best teams in the international arena, starting with the ABU Robocon. Despite the competition posed by leading teams from Vietnam and Japan, we are determined to showcase our passion and capability in robotics.



**WE BUILT
NITK'S
ONE AND ONLY
WALKING ROBOT**

ABU ROBOCON

Started in 2002 by the Asia-Pacific Broadcasting Union, the ABU Robot Contest themes the host country's traditional sport annually. Undergraduate college teams worldwide build two robots for one-on-one matches in pursuit of winning the tournament.

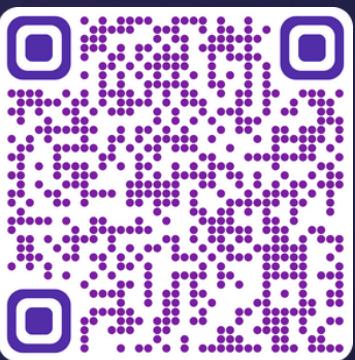
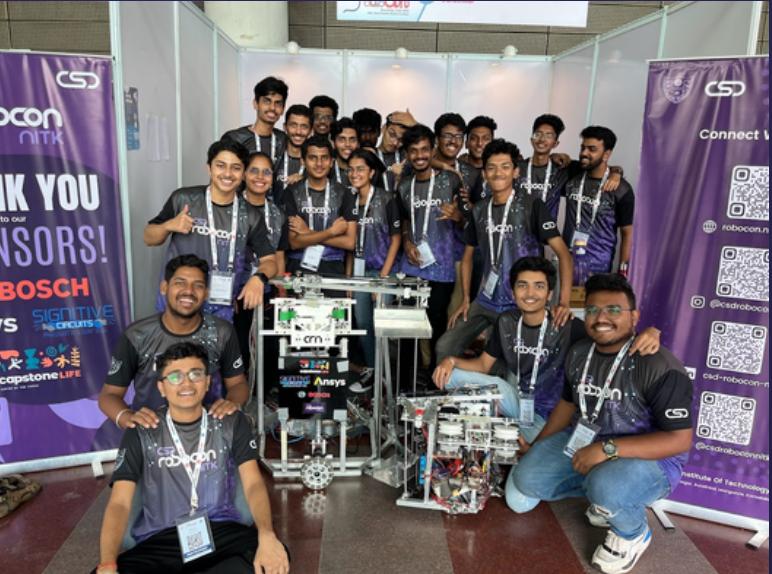
Broadcasted on
YouTube
and
Television
by ABU

2023

1000+
Teams from
20+
Countries

Hosted by Cambodia, this season's theme was *Casting Flowers on Angkor Watt*. Two robots with restricted areas of operation on the 12m x 12m arena had to pick and throw flexible rings onto poles with varying heights and points. The team with the highest score after a 3-minute match won.

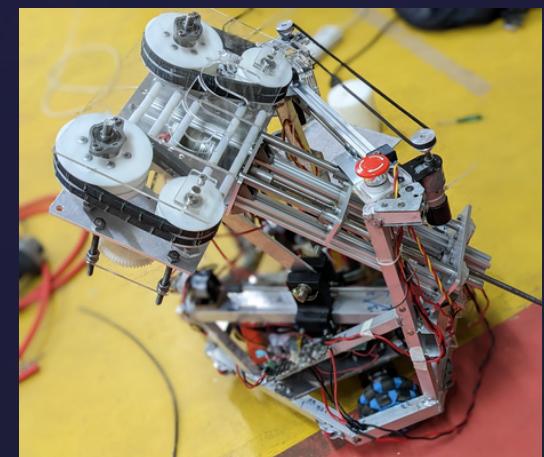
SEASON 2023



Scan to view
our Season
Report 2023
robocon.nitk.ac.in/2023/report

2023 marked the most successful season of CSD Robocon NITK to date. We qualified for the Nationals for the first time since the team's genesis in 2017.

We proudly represented NITK at DD Robocon 2023 at the Thyagaraj Stadium, New Delhi.



THE ELEPHANT AND RABBIT ROBOTS

SEPT '23

Ideation and
Brainstorming

SEPT '23 – OCT '23

Prototyping & Arena
Building

OCT '23 – JAN '24

Design Iteration

JAN '24

**Stage 1 - Design Doc
Submission**

MILESTONES

JUL '24
**Nationals -
IIT Delhi**

APR '24
**Stage 2 - Video
Submission**

MAR '24 – JUN '24
Bot Testing & Practicing

JAN '24 – MAR '24
Robot Manufacturing

AUG '24
ABU Robocon 2024

BUDGET

MACHINING

₹ 50,000

ELECTRONIC
COMPONENTS

₹ 210,000

MECHANICAL
COMPONENTS

₹ 1,80,000

EQUIPMENT

₹ 80,000

REGISTRATION

₹ 1,80,000

BOT TRANSPORT

₹ 80,000

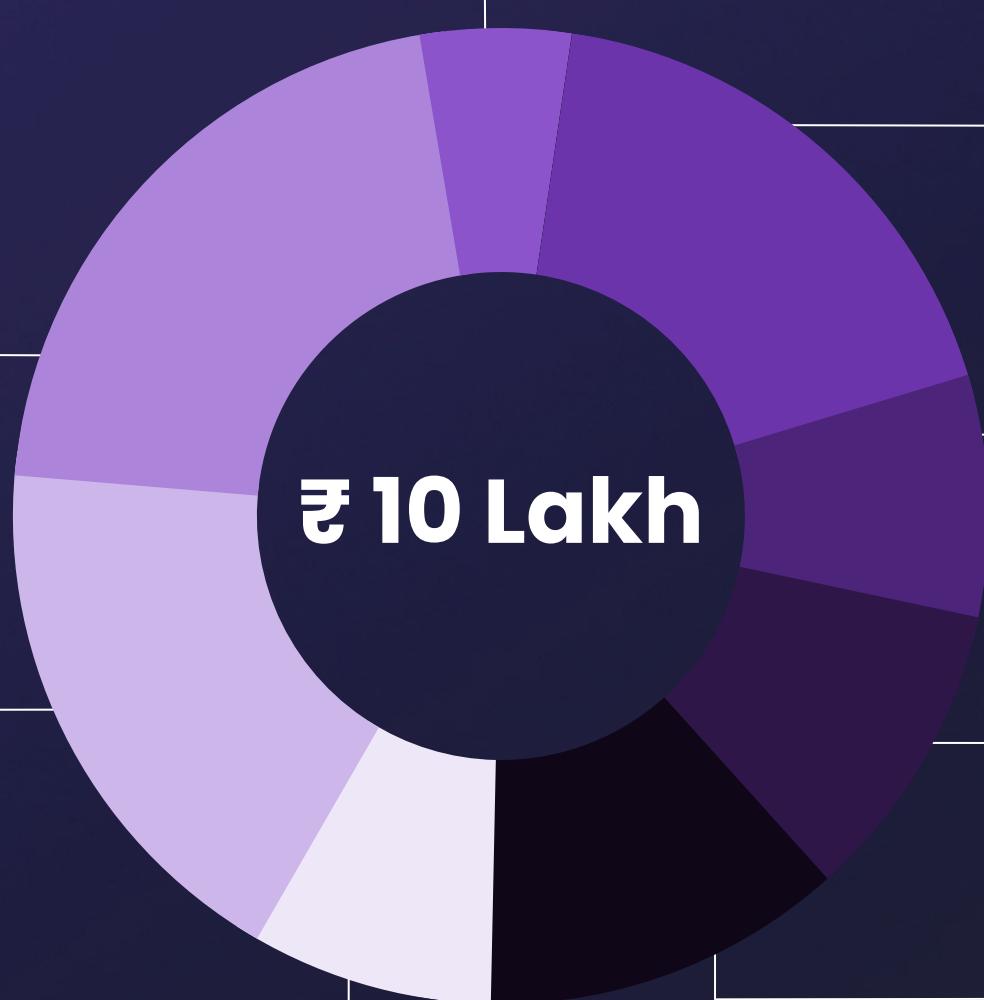
MECHANICAL
PROTOTYPING

₹ 1,00,000

ELECTRONICS
PROTOTYPING

₹ 1,00,000

₹ 10 Lakh



SPONSORSHIP TIERS

BRONZE

₹ 40,000

- Logo sticker on one robot
- Shoutout on CRN socials
- Logo on the CRN official site
- Monthly update on all CRN activities

SILVER

₹ 80,000

- Logo stickers on both robots
- Shoutout on CRN socials
- Logo on jerseys and merchandise
- All Bronze benefits

GOLD

₹ 1.4 Lakh

- Bimonthly shoutout on CRN socials
- Video about the company on CRN socials
- 3D printed logo on one robot
- Logo on banners at national and international events
- Shoutout during national and international events
- Custom 3D figurine as a token of appreciation
- All Silver benefits

PLATINUM

₹ 2.2 Lakh

- Title Sponsor designation
(mentioned on socials and website)
- Naming rights for one robot
- 3D printed logo on both robots
- Logo in the CRN lab throughout the season
- All Gold benefits
- An added year of Silver benefits

All payments made to CSD Robocon NITK are subject to **80G 100% Tax Deduction**

More information at robocon.nitk.ac.in/sponsor

CURRENT SPONSORS



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Ansys

SOLIDWORKS



AHEAD OF THE CURVE

SIGNITIVE
CIRCUITS
PRECISION IN EVERY TASK

CONTACT DETAILS



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