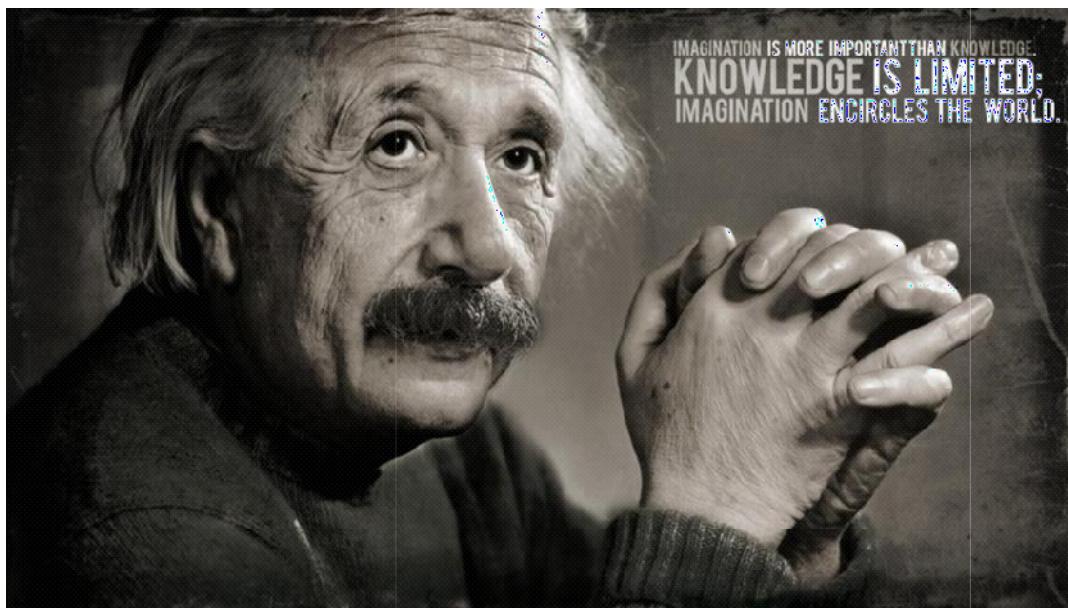


MY NXGN INNOVATION – WIN THE TITLE “THE JUNIOR SCIENTIST”

Introduction

“Imagination is more important than knowledge. Knowledge is limited. Imagination encircles the world”



Innovation plays an important role in every aspect of life. Crisis for innovation arises, when the needs increase. Everyone has some ideologies within their minds. Due to some circumstances, it is not exhibited outside. It gets destroyed inside without getting out to the beautiful world.

For those who are wondering to create new era in life. For those, who are willing to stand-ahead before others? Here is your chance of exhibiting it to the world!

- Robotzindia presents the My NXGN Innovation challenge to the dreaming minds of the future. You can design, create and make your working prototype and showcase it to the world. Get ready! And Start building!

- Abstract of the innovation has to be sent to myinnovation.raaif@gmail.com on or before 25th September 2025 in a pdf format. In the same mail, the teams should also send the presentation video of the team members explaining the project in a detailed manner not exceeding 3 mins. The presentation video shall also contain the project demonstration if available (not mandatory)
- In case the abstract received from more than one team are on the same topic, first received will be given priority.

Problemstatement:

Design and fabricate a model which can be applied to a certain scenario or a specific task. It is an open innovative designing in the given topics of science and engineering. Project report, data logs and the fabricated model should be presented in the competition.

- Working model and magnitude of output should be exhibited by the team.

Event format

- The event is judged by 2 or 3 Judges who are professors and scientist from various universities. Abstract, log sheet has to be handed over to them prior to their analysis.
- My Innovation is a team event, A team of 4 members maximum can participate with a team name.
- The project must only be a working model; it should be explained properly and should have necessary report, posters, power points and log book.

Categories for this year:

1. Smart home automation system –

“Smart home automation projects must integrate IoT devices, sensors, and AI to remotely monitor and control lighting, appliances, energy usage, and security, enabling efficient and intelligent living.”

2. Augmented Reality –

“Augmented Reality projects must overlay digital information onto the real- world using sensors, cameras, and AI, enhancing perception and interaction on education, design, gaming and industry applications learning, navigation and mapping projects for visually impaired students are few of the examples”

3. Sustainable Energy Monitoring –

“Make a IOT project that shows how to measure and track energy use from solar, wind, or other sources. Use simple sensors or meters to record the consumption data and show ways to save energy in domestic as well as commercial places.”

4. Block chain Technology –

“Build a Ethereum project to record data of votes. Each vote is unique added to a ledger where everyone can verify one vote one person and automatically counts, the process must be transparent and tamper proof.

5. Virtual Reality –

“Make a virtual reality project for mental health therapy which shall be a VR headset to entering a calm zone like forest/safe zone to face fear, breathing exercise through VR. The project must show how the people can explore and interact with this world using VR headsets or apps.”

6. Automated Agriculture monitoring system –

“Design a project that uses sensors to check soil moisture, temperature, pH or crop health. Show how the system can automatically water plants by turning ON pumps, sprinklers or send alerts automatically to help farmers.”

JUDMENT CRITERIA:

- The teams will be asked to present their working model with **the detailed report and updated data logs. Improper Logbook details will lead to disqualification**

- A team of selection committee will be reviewing your project and presentation.
- The selection will be based on ability to explain the projects and individual or team member contributions.
- The models are required to be operated for demo
- Teams failing to demonstrate the working model will be disqualified
- The points will be awarded based on the individual talents in the team, presentation given, the working functionality and innovativeness of the model.

RULES AND REGULATIONS

- The project report should be submitted during the competition day.
- Data logs should be filled for every day of work under taken to complete the project.
- Students should be involved in fabricating the project.
- Explosives, chemicals or any kind of equipment exhibiting danger will not be allowed for the competition in-case of protective innovation being exhibited.
- Measurements must be in metric except where highly specialized equipment is calibrated in other units. Presentations in which the measurements were not done in metric will not have credits added to their work.
- The presentation will not exceed a maximum time limit of **10 minutes** and will be given proper notice by a timekeeper. No reduction in score will be given for a presentation of less than 10 minutes. Presentations exceeding 10 minutes will be given negative points. There will be a grace period of approximately 3 minutes before this penalty is applied.
- No video shoots / photographs will be allowed during the presentation.
- Individuals cannot participate in the event.
- Team should have a "Team name"
- The participants of earlier RobotzIndia competition can compete with the same "Team Name"
- A team should have a leader or a spokes person to interact with media, RAAIF and other audience.
- Bring cleaning equipment to clean any spills on the presentation arena / stage.
- Bring power box for your own working model display.
- Upon completion of the presentation, the team may be questioned

- of a student's methods, conclusions, and/or understanding.
- Judge's decision will be the final.
 - Log book and the final abstract has to be handed over to Raaif staff for their records.
 - **All abstract has to be sent to myinnovation.raaif@gmail.com on or before 25th September 2025 along with the presentation video not exceeding 3 mins. Selected team will be intimated through the e-mail time to time, only the teams who received the selection mail will be allowed to participate and exhibit their projects.**
 - **No direct registrations are allowed for this category.**