

STEM - A BLENDED LEARNING

- ◆ Enhanced learning through custom-designed engineering kits.
- ◆ Grade level and content specific periodic workshops.
- ◆ Annual membership schemes specifically crafted for school and college students, featuring personalized STEM projects.

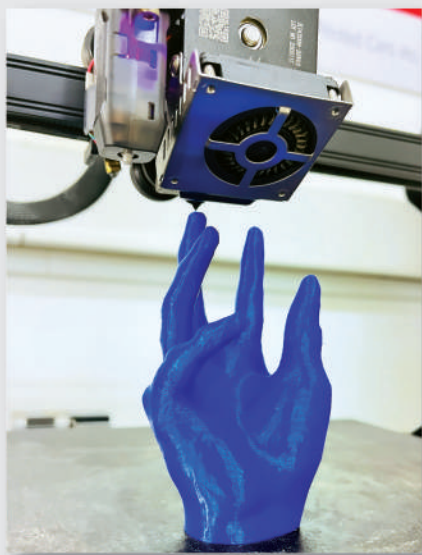
Annual Membership Programmes

1. Engineering & Technology :

To learn Electronics, Arduino based Automation & Robotics, AI etc.

2. Digital Manufacturing :

To learn 3D modeling, 3D Printing and LASER Cutting technologies.



WE ARE EXCITED TO SEE
THE FUTURE GENERATION EXPLORE
AND VENTURE INTO **STEM!!!**



Experimenta Science Centre - STEM Lab

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www.experimentacoimbatore.com/about-stem/



@EXPERIMENTASTEMLAB

OPENING TIME

Tuesday to Sunday
9.00 am to 5.00 pm

CLOSED

Monday / National Holidays



@STEMLABS

Experimenta[®]
SCIENCE CENTRE



Science • Technology • Engineering • Mathematics

Wonder
is the beginning of
wisdom.

- Socrates





Our **STEM** is a unique educational hub, designed to celebrate S.T.E.M. learning and to inspire young people to acquire skills in trending technologies.

STEM - An innovative approach for "INDUSTRY 4.0"

The Fourth Industrial Revolution, also known as "Industry 4.0" requires advanced skills in science, technology, engineering, arts and mathematics. Hence to prepare future generations for new jobs, we align our teaching processes with recent technological advancements through STEM education.

Experimenta Science Centre - STEM Lab, an initiative of **GD Naidu Charities, Coimbatore** is dedicated to ignite and strengthen the knowledge of science and technology in people of wide age groups. We provide rich, interactive hands-on training programmes to enthuse young people to engage in project based activities related to emerging technologies.



Our curriculum has been meticulously crafted to introduce young minds to the exciting world of **Electronics, Arduino based Automation & Robotics, Internet of Things, Artificial Intelligence (AI), 3D modeling & printing, LASER cutting/engraving, Wood sculpting and Pottery.** To foster the innovative skills of young minds and to prepare them for the challenge-based learning with real-world, we host "**Discovery Day**" at the end of each course, where they can apply their learning to real-world challenges



We have AI-powered robots, 6 & 13 DoF (Degree of Freedom) Cobots (Collaborative robots) and AGV (Autonomous Guided Vehicles) to align with the requirements of Industry 5.0, providing students with practical, industry-relevant experience in robotics and automation technologies.

Our Out-reach STEM programs

To equip students for future careers, we are setting up curriculum-based STEM labs with dedicated trainers and comprehensive learning resources in various government schools around Coimbatore.

