



**PREMIER GENIE**  
— FORMULA FOR SUCCESS —



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# **STEM EDUCATION**



**STEM is important because it pervades every part of our lives.**

- Science is everywhere in the world around us.
  - Technology is continuously expanding into every aspect of our lives.
  - Engineering is the basic designs of roads and bridges.
  - Mathematics is in every occupation, every activity we do in our lives.
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**21st century is an information-based and highly technological society and to succeed, students need to develop their capabilities in STEM to levels much beyond what was considered applicable in the past.**

# ORDER OF THE DAY



9:00 – 9:45 AM  
REGISTRATION



9:45 – 10:15 AM  
EVENT SUMMARY - [Parents to be present]



10:15 -10:30 AM  
Challenge Theme + Challenge Revealed. Team discussion on the task given and the ideas to be put down on paper [STUDENTS ONLY]



10:30 –12:15 PM  
Build a solution to the task with the tools provided

# ORDER OF THE DAY

 12:30 – 1:30 PM  
LUNCH BREAK [LUNCH PROVIDED AT THE VENUE]

 1:30 – 2:30 PM  
TEAM PRESENTATIONS & JUDGING [Parents to be present]

 2:45 – 3:15 PM  
AWARD CEREMONY

 3:30 PM  
END OF EVENT

# THE CHALLENGE

TO BE DECLARED AT THE EVENT

# STEPS OF THE CHALLENGE



Teams come up with innovative ideas to tackle the challenge question

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The idea has to be unique, comprehensive, and relevant!

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The teams must make a physical prototype of their solution

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Teams must create a poster detailing and explaining their solution clearly

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Teams must present their ideas to the judges [All members to present]

# TOOLS AVAILABLE



3D PENS



LEDO EDUCATION  
WEDO KITS



KEVA PLANKS

# JUDGING CRITERIA

- ✓ Relevance of the solution to the topic
- ✓ Design of the Physical Prototype of the solution
- ✓ Design of Poster describing the solution
- ✓ Team work during preparation and presentation
- ✓ Final Presentation for 5 minutes

# AWARDS

WINNERS

1ST RUNNER UPS

2ND RUNNER UPS

Best Poster

Best Prototype

Best Team Work



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# THANK YOU!

CONFIRM YOUR ATTENDANCE WITH THE LINK PROVIDED  
PLEASE REFER TO THE VENUE LOCATION ALSO PROVIDED AS A LINK