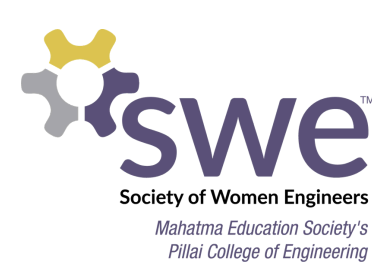


# ABOUT THE EVENT

Join us for an exciting journey into the world of robotics! This unique training programme is designed specifically for 6th to 10th standard school girls, providing a safe and supportive environment to learn, create, and innovate.



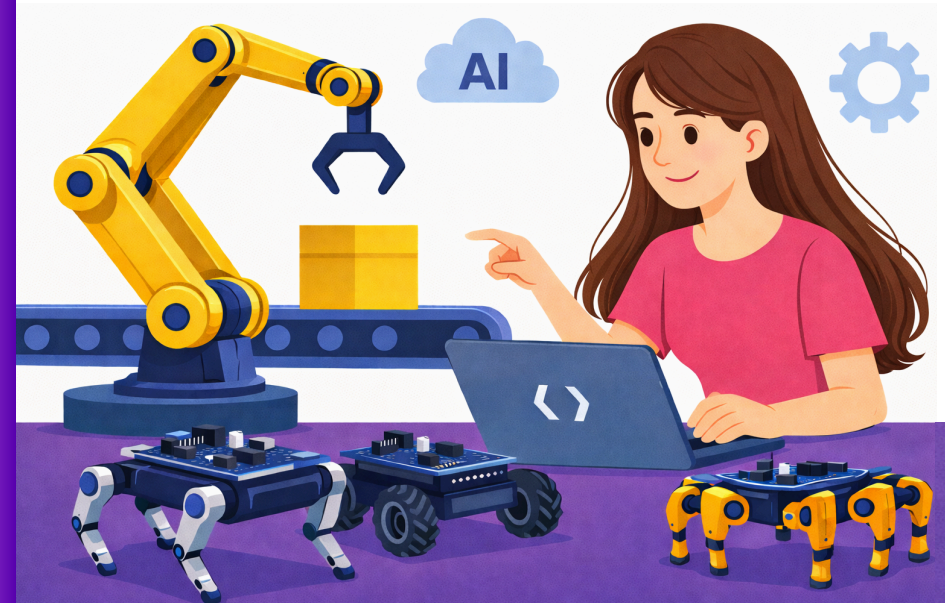
## PROGRAMME DETAILS

- The programme runs for six days, with seven hours of hands-on sessions each day.
- You'll get to work with robotics and automation electronic components, to develop skills in both hardware and software.

*Unleash Creativity!*

**DIVE INTO THE WORLD OF ROBOTS**

**Harness THE POWER OF AI**



## GIRLS IN ROBO-TECH

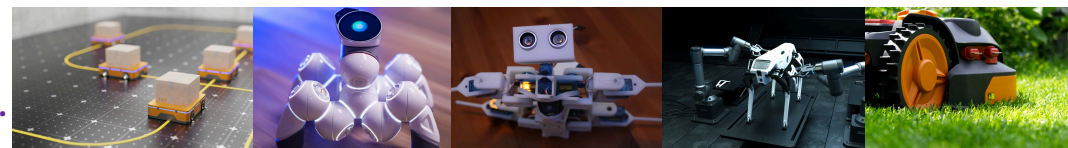
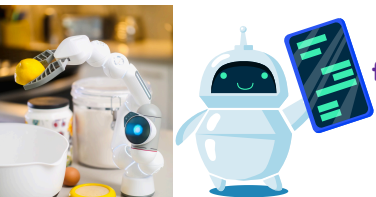
**LEARN, BUILD, INSPIRE WITH ROBOTICS**

A one week training programme from  
**25 May 2026 to 30 May 2026**

on Robotics exclusively for **6th - 10th standard school girls**  
at **Pillai University, New Panvel**

Exciting opportunity to learn the fundamentals of robotics & automation, and use your newfound skills to **build your own robot.**

This programme covers everything from sensors, actuators, controllers, to programming languages, Artificial Intelligence (AI) integrated Automation.



|                   |  |   |
|-------------------|--|---|
| 9 am to 10 am     | Inauguration   | <b>MAY 25<br/>DAY 1 -<br/>Introduc-<br/>tion to<br/>robotics<br/>and<br/>automation</b> |
| 10 am to 11 am    | Introduction to Electronics & Controllers                          |   |
| 11 am to 11:15 am | Snacks Break (Snacks will be provided by us)                       |   |
| 11:15 am to 1 pm  | Continue with session on Introduction to Electronics & Controllers |   |
| 1 pm to 1:30 pm   | Lunch Break (Students should carry their lunch)                    |   |
| 1:30 pm to 3 pm   | Learning to code, Interfacing controllers with sensors             |   |
| 3 pm to 4 pm      | Exploring motors   |   |

|                   |   |   |
|-------------------|---|---|
| 9 am to 10 am     | Motivation Session on Girls in AI and automation                | <b>MAY 26<br/>DAY 2 -<br/>Building<br/>robots</b> |
| 10 am to 11 am    | Interfacing controllers with actuators                          |   |
| 11 am to 11:15 am | Snacks Break (Snacks will be provided by us)                    |   |
| 11:15 am to 1 pm  | Continue with session on Interfacing controllers with actuators |   |
| 1 pm to 1:30 pm   | Lunch Break (Students should carry their lunch)                 |   |
| 1:30 pm to 3 pm   | Building a robot  |   |
| 3 pm to 4 pm      | Controlling a robot   |   |

|                   |   |   |
|-------------------|---|---|
| 9 am to 10 am     | Session on AI, automation and the society       | <b>MAY 27<br/>DAY 3 -<br/>Controlling<br/>robotic<br/>vehicles<br/>and legged<br/>robots for<br/>automation</b> |
| 10 am to 11 am    | Robot motion types                              |   |
| 11 am to 11:15 am | Snacks Break (Snacks will be provided by us)    |   |
| 11:15 am to 1 pm  | Continue with session on Robot motion types     |   |
| 1 pm to 1:30 pm   | Lunch Break (Students should carry their lunch) |   |
| 1:30 pm to 3 pm   | Types of robots                                 |   |
| 3 pm to 4 pm      | Building different types of robots              |   |

|                   |   |  |
|-------------------|---|--|
| 9 am to 10 am     | Session on challenges in AI and automation            | <b>MAY 28<br/>DAY 4 -<br/>Exploring<br/>different<br/>types of<br/>robots and<br/>automation<br/>- robotic<br/>arms,<br/>service<br/>robots,<br/>assembly<br/>lines,<br/>legged<br/>robots</b> |
| 10 am to 11 am    | Introduction to Robotic Arms                          |  |
| 11 am to 11:15 am | Snacks Break (Snacks will be provided by us)          |  |
| 11:15 am to 1 pm  | Continue with session on Introduction to Robotic Arms |  |
| 1 pm to 1:30 pm   | Lunch Break (Students should carry their lunch)       |  |
| 1:30 pm to 3 pm   | Conveyor belts & assembly line automation             |  |
| 3 pm to 4 pm      | Types of Automation                                   |  |

|                   |   |   |
|-------------------|---|---|
| 9 am to 10 am     | Session on diversity in automation  | <b>MAY 29<br/>DAY 5 -<br/>AI and<br/>Automation</b> |
| 10 am to 11 am    | introduction to Artificial Intelligence (AI)                                |   |
| 11 am to 11:15 am | Snacks Break (Snacks will be provided by us)                                |   |
| 11:15 am to 1 pm  | Continue with session on Introduction AI, data acquisition & identification |   |
| 1 pm to 1:30 pm   | Lunch Break (Students should carry their lunch)                             |   |
| 1:30 pm to 3 pm   | Training, classification and learning in AI                                 |   |
| 3 pm to 4 pm      | Integration of AI and robotics  |   |

|                   |  |  |
|-------------------|--|--|
| 9 am to 10 am     | Session on career opportunities for girls in AI and Automation | <b>MAY 30<br/>DAY 6 -<br/>Build your<br/>own robot<br/>challenge</b> |
| 10 am to 11 am    | Building an automation project                                 |  |
| 11 am to 11:15 am | Snacks Break (Snacks will be provided by us)                   |  |
| 11:15 am to 1 pm  | Continue with session on Building a automation project         |  |
| 1 pm to 1:30 pm   | Lunch Break (Students should carry their lunch)                |  |
| 1:30 pm to 3 pm   | AI and Automation challenge                                    |  |
| 3 pm to 4 pm      | Valedictory  |  |

# BEYOND ROBOTS

This programme is not just about learning robotics. It is about building confidence, enhancing teamwork, & honing problem-solving skills. It's about meeting other girls who share the same interests, making new friends, and inspiring each other.



**If you're a school girl studying in 6th to 10th standard and interested in Robotics, AI and Automation, this programme is for you!**



IMPORTANT INFORMATION

Some points to note:

## THIS TRAINING IS ONLY FOR GIRLS.

- You need to pay a refundable deposit of Rs. 200, which will be returned to you after you complete the training of 6 days.
- Students should carry their lunch. Snacks will be provided by us.
- Please fill the google form to register (link of the google form is provided in the message along with this brochure) .
- The student has to report to Pillai University, New Panvel Campus from May 25 to May 30.
- The training timings for all the 6 days will be 9 am to 4 pm.
- **If you had participated in our previous similar events "Girls in Robotics / Girls in AI & Automation", please do not register for this event.**



**This program will be conducted at Pillai University, New Panvel**



For more details, contact:

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