



M.G. M.'s COLLEGE OF ENGINEERING, NANDED

Department of Electronics and Telecommunication Engineering



Electronics Technocrats Association (ETA)

Name of the activity:	School Connect: Demo. of projects by TY ECT students to Priyadarshini School students of 8 th and 9 th std.
Date:	21/06/2025
Activity Coordinator:	Ms. Maithili Rao, Dr. M. R. Banwaskar
Number of participants:	76

Introduction:

As part of community outreach and knowledge-sharing under the *School Connect* initiative, the Electronics Technocrats Association (ETA) organized a **Project Demonstration** for students of **Class 8th and 9th** from **Priyadarshini School, Nanded**. TY ECT students presented their innovative projects to ignite curiosity and interest in science and technology among school students. The demonstrated projects included *Remote Operated Lamp Lighting*, *Scrolling Display*, *Floor Cleaning Robot*, and *Automated Irrigation System*.

Objective:

- To promote STEM (Science, Technology, Engineering, and Mathematics) learning at the school level.
- To provide school students early exposure to real-world electronic applications.
- To build communication, leadership, and mentoring skills in TY students.
- To contribute to community engagement and inspire the next generation of innovators.

Outcome:

- School students were enthusiastic and curious, asking questions and expressing interest in electronics and robotics.
- TY students gained confidence in explaining their projects to a younger audience, improving their ability to simplify technical concepts.
- The activity created a positive educational environment that bridged the gap between school and college-level learning.



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- Strengthened the relationship between the department and the local community through knowledge-sharing.

Program Outcomes (POs) Addressed:

- **PO3:** Design/Development of solutions – Apply engineering knowledge to develop systems or processes.
- **PO9:** Individual and Team Work – Work effectively as a member and leader in diverse teams.
- **PO10:** Communication – Communicate complex engineering concepts effectively to varied audiences.
- **PO11:** Project Management and Finance – Demonstrate understanding of engineering and management principles in team settings.
- **PO12:** Life-long learning – Recognize the value of continuing to acquire knowledge and skills.

Feedback:

- Teachers from Priyadarshini School appreciated the initiative and requested more such interactive sessions in the future.
- School students found the demonstrations exciting and inspiring, with many expressing interest in building similar models.
- TY students felt proud and motivated by the opportunity to share their learning and serve as role models.
- Faculty coordinators praised the students' efforts in creating a fun, educational, and impactful session.



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Glimpses of School Connect Activity:



Mrb

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Kep

Dr. Kalpana Paithane
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