



Directorate of Technical Education
Maharashtra State, Mumbai



सत्यमेव जयते
GOVERNMENT OF
MAHARASHTRA



GOVERNMENT POLYTECHNIC MIRAJ

• Medical Electronics Department •

Vol 5 . Oct 25



ABOUT MEDICAL ELECTRONICS DEPARTMENT

- Miraj is a well-known medical hub and provides healthcare facilities with more than 450 reputed hospitals.
- About 12 medical equipment manufacturing industries are located nearby Government Polytechnic, Miraj.
- Medical Electronics Department was established in year 1995 and NBA accredited.
- It is unique programme in Pune region of Maharashtra State.
- The curriculum of the program has been developed considering the advancement in medical devices, need of handy and portable medical devices, growth in manufacturing sector and need of skilled manpower.



VISION

- To develop socially and environmentally responsible skilled diploma engineers who can solve real world challenges in healthcare industry.



MISSION

- To educate and train students to solve broad-based problems in medical electronics by adapting professional skills and ethics.
- To develop intellectual competency amongst medical electronics students so as to engage them with healthcare industry.
- To apply critical thinking, problem solving and effective communication skills in a dynamic and collaborative learning environment.

INDUCTION PROGRAMME 2025-26



Honorable principal Dr. S.A. Pardeshi sir
addressing the student and parents



Inauguration of Induction
program

An Induction Program was organized for the first-year diploma students to help them make a smooth transition from school to technical education. The program aimed to familiarize students with the institute, academic regulations, curriculum, examination system, code of conduct, and available facilities. Date 18/08/2025

Practical Demonstration of Courses



Traction machine practical under course
Physical Therapy Device And Machine



Continuous Passive Movement (CPM)-practical
under course Physical Therapy Device And
Machine

Practical Demonstration of Courses



Ventilator practical under course Intensive
Care Unit Equipment

Expert lectures



Expert lecture on "Recent trends in application of biomaterials" by Smt Tejaswini Manave .Bharati Hospital,Sangli (Biomedical Engineer)12-02-2026

Bharti Hospital Sangli Visit



Third year students visited Bharti Hospital Sangli under subject Physical Therapy Device And Machine. To Bridge the gap between classroom theory and real-world clinical practice, enhance understanding of medical equipment.

Bharti Hospital Sangli Visit



Biomedical waste management uses thermal treatment units like incinerators (often lined with refractory and insulating layers) to safely destroy hazardous medical waste. An incinerator uses high temperatures and insulated chambers to burn waste completely into safe ash

Faculty Development Program



Inauguration of faculty development program" on 06/10/2025 at the hands of Dr.S.A Pardeshi sir , Expert :- Shri .Joglekar sir .



MSBTE FDP ON "Internet of Things in Biomedical Engineering" (06 - 10 Jan 2025)

NSS Activity



Drug Awareness Street Play Organised by NSS students for promise today to stay away from drugs, spread awareness, and help create a healthy, safe, and drug-free society. Date 17/01/2026

Odd Semester Result

Third year

- | | | |
|---|------------------------|--------|
| 1 | Joshi Vijay Ayush | 90.95% |
| 2 | Shinde Harshad Hanmant | 87.79% |

Second year

- | | | |
|---|---------------------------|--------|
| 1 | Jadhav Utkarsha Kakasaheb | 82.28% |
| 2 | Shaikh Asiya Ashpach | 80.00% |

First Year

- | | | |
|---|-------------------------|--------|
| 1 | Rananaware Supriya Ajit | 86.47% |
| 2 | Padalkar Shantanu Vijay | 76.71% |