

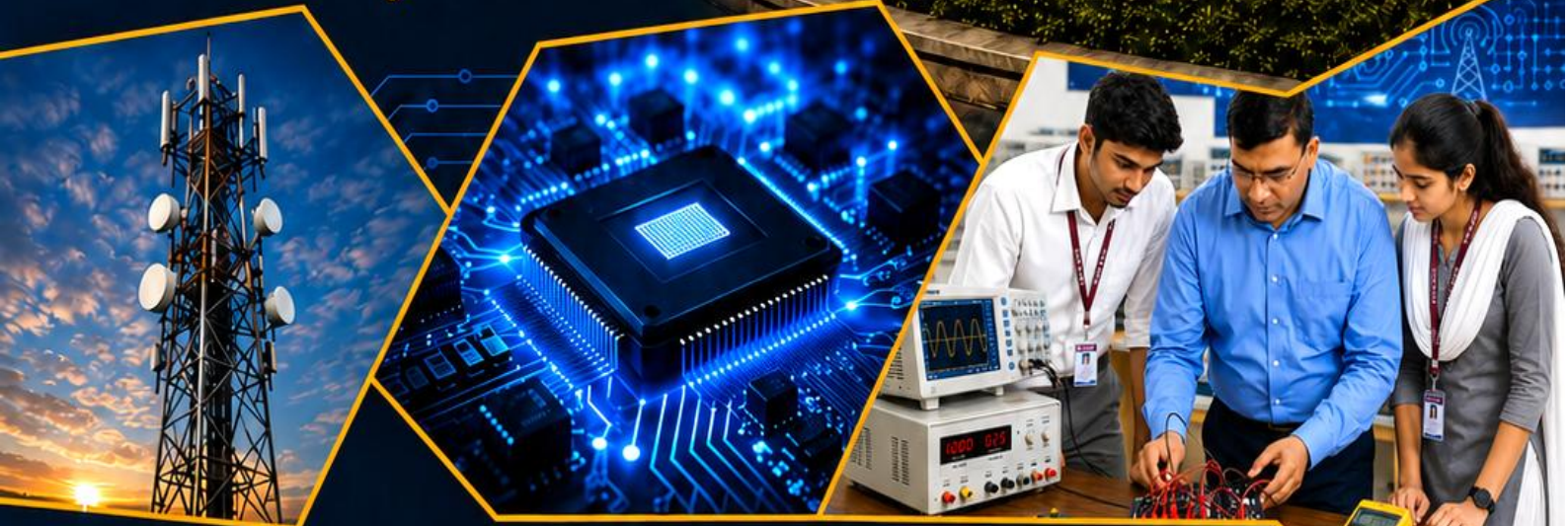


# GOVERNMENT POLYTECHNIC, ARVI

## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

ANNUAL NEWSLETTER  
— 2025–26 —

*Innovating Electronics...  
Connecting the Future*



5G  
NETWORKS



DRONE  
TECHNOLOGY



ARTIFICIAL  
INTELLIGENCE



EMBEDDED  
SYSTEMS



ROBOTICS



COMMUNICATION  
SYSTEMS

**“ TECHNOLOGY IS BEST WHEN IT BRINGS PEOPLE TOGETHER.”**

## INSIDE THIS EDITION

*... A Glimpse into Our Year of Excellence ...*

| SR. NO. | SECTION                     | PAGE. NO. |
|---------|-----------------------------|-----------|
| 01      | Principal's Message         | 3         |
| 02      | HOD's Message               | 4         |
| 03      | Editor's Desk               | 5         |
| 04      | Vision, Mission, PEO & PSO  | 6         |
| 05      | Department at a Glance      | 7         |
| 06      | Faculty & Supporting Staff  | 8         |
| 07      | Result Analysis & Toppers   | 9         |
| 08      | Workshops & Expert Lectures | 10        |
| 09      | Industrial Visits           | 11        |
| 10      | NSS Activities              | 12        |
| 11      | Students Forum              | 13        |
| 12      | Industrial Internship       | 14        |
| 13      | Technical Articles          | 15-20     |
| 14      | Alumni Section              | 21        |
| 15      | Students Achievements       | 22        |
| 16      | Placement Highlights        | 23        |
| 17      | Moments & Memories          | 24        |
| 18      | Department in the News      | 25        |

## PRINCIPAL'S MESSAGE



*“The best way to predict the future is to create it.” – Peter Drucker*

I am pleased to present the annual newsletter of the Department of Electronics and Communication Engineering, Government Polytechnic, Arvi. This edition celebrates the department's achievements, innovations, activities, and the enthusiastic efforts of its students and faculty.

The department continues to strengthen academic excellence, practical learning and innovation through projects, laboratory work, technical competitions, workshops and co-curricular activities. These experiences help students transform classroom knowledge into practical solutions and build confidence for the world of work.

With rapid advances in Artificial Intelligence, IoT, embedded systems, automation, robotics and communication technologies, students must remain curious, adaptable and committed to continuous learning.

I encourage every student to develop not only technical competence, but also communication, teamwork, creativity, leadership, discipline and professional ethics. These qualities will turn knowledge into lasting success.

I congratulate the department for its accomplishments and wish it continued growth and excellence.

Learn. Innovate. Lead. Create the Future.

**DR. V. R. MANKAR**  
Principal  
Government Polytechnic, Arvi

## HOD'S MESSAGE



It gives me immense pleasure to present the latest edition of the annual newsletter of the Department of Electronics and Communication Engineering, Government Polytechnic, Arvi. This newsletter celebrates the energy, creativity, achievements and aspirations of our students and faculty.

As technology moves rapidly into the era of Artificial Intelligence, IoT, robotics, embedded systems and smart communication, our students must be ready not just to use technology, but to create, innovate and lead. The department therefore encourages students to go beyond textbooks—learn by doing, experiment fearlessly, participate actively and turn ideas into real-world solutions.

Along with academic excellence, communication, teamwork, leadership, problem-solving and continuous learning are essential for future success. Every project, competition, activity and failure is an opportunity to grow.

***“Success is not about being the best; it is about becoming better every day.”***

Let us continue to dream boldly, learn enthusiastically, innovate creatively and grow together.

Wishing everyone a year of learning, achievement and limitless possibilities!

**DR. V. J. DONGRE**  
Head of Department  
Electronics & Communication Engineering  
Government Polytechnic, Arvi

## EDITOR'S DESK



It is a delight to present this year's Electronics and Communication Engineering Department Newsletter, capturing a year of learning, innovation, teamwork and achievement.

These pages showcase the energy of our students and the dedication of our faculty through projects, technical activities, competitions, events and academic accomplishments. Each contribution reflects the spirit of curiosity and excellence that continues to shape our department.

I sincerely thank our respected Principal, Dr. V. R. Mankar, HOD, Dr. V. J. Dongre, all faculty and staff members, and Shri S. S. Pise for their encouragement and support.

My best wishes to all contributors and readers.

Keep learning. Keep creating. Keep inspiring!

**SMT. P. L. TIRPUDE**

Lecturer in Electronics  
Government Polytechnic Arvi



As the Designer and Co-Editor of this newsletter, working on this edition has been an inspiring and enriching experience. Every page reflects our journey, achievements, activities, and creative spirit.

I sincerely thank our respected Principal, Dr. V. R. Mankar, for his continuous encouragement and support. I am deeply grateful to our respected HOD, Dr. V. J. Dongre, for his creative vision, valuable guidance, and innovative designing ideas.

My heartfelt thanks also go to all our faculty members for their wholehearted support and valuable contributions in collecting the content that made this newsletter a collective success.

**SHRI S. S. PISE**

Instructor (A. V. Technician)  
Government Polytechnic Arvi



It is a proud moment to present our annual newsletter, a reflection of the ideas, efforts, achievements and memories that shaped our department this year. From technical projects and competitions to cultural and academic activities, every page celebrates our journey. Heartfelt thanks to our teachers and fellow students for their support.

Keep learning, keep exploring, keep shining!

**KU. SUHANI KHAWSHI**

Student Representative Editor  
Final Year ET

# VISION, MISSION, PEO & PSO

## VISION

To produce competent technical manpower in Electronics and communication Engineering for fulfilling needs of Industry & Society.

## MISSION

- 1) To impart need based technical education in Electronics and communication Engineering
- 2) To modernize departmental laboratories and facilities.
- 3) To train faculty and staff, to meet challenges in socio-technical

## Program Educational Objectives (PEOs)

- Provide socially responsible, environment friendly broad-based solutions to Electronics and communication engineering related problems adapting professional ethics.
- Adapt state-of-the-art Electronics and communication engineering broad based technologies to work in multi- disciplinary work environments.

## Program Specific Outcomes (PSOs)

- Electronics and Telecommunication Systems: Maintain various types of Electronics and Telecommunication systems.
- EDA Tools Usage: Use EDA tools to develop simple Electronics and Telecommunication engineering related circuits.

## DEPARTMENT AT A GLANCE

The Department of Electronics and Communication Engineering is committed to academic excellence, innovation and holistic development of students by providing quality education, modern infrastructure and a supportive learning environment.



**ESTABLISHED YEAR**  
**1995**



**STUDENTS INTAKE**  
**60**



**LABORATORIES**  
**05**



**FACULTY & STAFF**  
**06 (Teaching)**  
**01 (Non-Teaching)**

### LABORATORIES

- 1) Basic and Applied Electronics Lab (117)
- 2) Digital Electronics Lab (118)
- 3) Computer Lab (102)
- 4) Instrumentation & Industrial Electronics Lab (114)
- 5) Communication Engg. Lab (119)

### MEMORANDUM OF UNDERSTANDING (MoU)

| S.N | Name of Industry                          | Entered Date / Validity |
|-----|-------------------------------------------|-------------------------|
| 1   | Mount-Tech Electrosoft Pvt. Ltd. Amravati | 13.01.2025 /Permanent   |
| 2   | Mountreach Solutions Pvt. Ltd. Amravati   | 13.01.2025 /Permanent   |
| 3   | ABS IT Services, Wardha                   | 13.01.2025 /Permanent   |
| 4   | Paralam Global Pvt. Ltd. Arvi             | 01.08.2022 / 31.07.2027 |
| 5   | Shrijji Computer Services Arvi            | 04.05.2022 / 03.05.2027 |

### ACADEMIC MONITORING PERFORMANCE

Electronics & Communication Engineering Department rating for institute monitoring for the Academic Year 2025-26 is **"Excellent"**.

*Our Strength lies in our people, our infrastructure and our commitment to shaping competent and responsible engineers.*

## FACULTY & SUPPORTING STAFF

Our dedicated faculty & supporting staff form the backbone of our department.



**Dr. V. J. Dongre**  
Ph. D (Electronics)  
Head of Department



**Smt. N. N. Daga**  
M.E. (Digital Electronics)  
Lecturer



**Shri K. A. Saurkar**  
B.E. (Electronics), MTech (Pursuing)  
Lecturer



**Shri R. B. Sathe**  
M.E. (E & TC)  
Lecturer



**Smt. P. L. Tirpude**  
B.E. (Electronics)  
Lecturer



**Shri Y. U. Futane**  
M.E. (Digital Electronics)  
Lecturer

## SUPPORTING STAFF



**Shri S. S. Pise**  
Diploma in Engg. (Electronics & Comm.)  
Instructor (A. V. Technician)

## RESULT ANALYSIS

The academic performance of our department reflects the hard work, dedications and consistency of our students and the guidance of our faculty.

Here is an overview of the results for the **Academic Year 2025-26**

| <b>MSBTE Exam -Winter 2025</b>           | <b>ET-1-K</b> | <b>ET-3-K</b> | <b>ET-5-K</b> |
|------------------------------------------|---------------|---------------|---------------|
| Students Appeared                        | 66            | 68            | 63            |
| Students Passed                          | 57            | 47            | 60            |
| Students Passed in 1 <sup>st</sup> Class | 51            | 47            | 60            |
| Students Passed in 2 <sup>nd</sup> Class | 06            | 0             | 0             |
| Students in ATKT                         | 08            | 09            | 03            |
| Students Fail                            | 01            | 12            | 0             |
| <b>RESULT %</b>                          | <b>86.36</b>  | <b>69.12</b>  | <b>95.24</b>  |

| <b>MSBTE Exam -Summer 2026</b>           | <b>ET-2-K</b> | <b>ET-4-K</b> | <b>ET-6-K</b> |
|------------------------------------------|---------------|---------------|---------------|
| Students Appeared                        | 66            | 67            | 61            |
| Students Passed                          | 51            | 44            | 61            |
| Students Passed in 1 <sup>st</sup> Class | 51            | 42            | 61            |
| Students Passed in 2 <sup>nd</sup> Class | 0             | 02            | 0             |
| Students in ATKT                         | 05            | 10            | 0             |
| Students Fail                            | 10            | 13            | 0             |
| <b>RESULT %</b>                          | <b>77.27</b>  | <b>65.67</b>  | <b>100.00</b> |

## TOPPERS



**Tanaya Jaisingpure**  
94.12 % (5<sup>th</sup> Sem)



**Vaishnavi Kale**  
94.56 % (3<sup>rd</sup> Sem)



**Amruta Taywade**  
86.47 % (1<sup>st</sup> Sem)



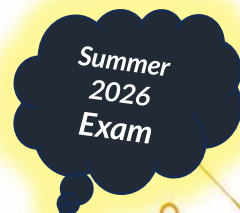
**Sayali Thakur**  
93.14 % (6<sup>th</sup> Sem)



**Om Bobade**  
92.33 % (4<sup>th</sup> Sem)



**Amruta Taywade**  
90.82 % (2<sup>nd</sup> Sem)



*Your efforts today, shape your success tomorrow.*

## WORKSHOPS & EXPERT LECTURES

Department organized one day workshop on “PLC & Automation” by Mr. Bhupendra Ukinkar, Director, Wings Technology Nagpur on 21<sup>st</sup> February 2026.



Expert Lecture on “Carrier Opportunity in AR- VR and Game Development” by Shri Rahul Chute on 20<sup>th</sup> August 2025.



Expert Lecture on “Interview Techniques” by Mr. Shriswami, HLL Bangalore, on 23<sup>th</sup> September 2025.



## INDUSTRIAL VISITS

An Industrial Visit to Ashirwad Cotton Corporation, Arvi is organized for the benefit of ET4I students of department on 11<sup>th</sup> March 2026.



An Industrial Visit to Oneness Polychem Ltd. Arvi is organized for the benefit of ET6I students of department on 24<sup>th</sup> February 2026



## NSS ACTIVITIES

- Servicing Society
- Building Character
- Creating Impact



The NSS unit of our institute believes in contributing towards the betterment of society. Through various outreach programs, our students learn the value of service, teamwork and social responsibility while making a meaningful difference.



Shri. Y. U. Futane  
NSS Coordinator



**TIRANGA RALLY**  
14<sup>th</sup> August 2025

Tiranga Rally was organized. Carrying the Tricolor with pride, the students enthusiastically participated in the rally.



**FIRST AID & CPR TRAINING**  
13<sup>th</sup> February 2026

First-aid and CPR training was organized for the students through the General Hospital Arvi.



**FOREST CLEANING CAMPAIGN**  
22<sup>nd</sup> February 2026

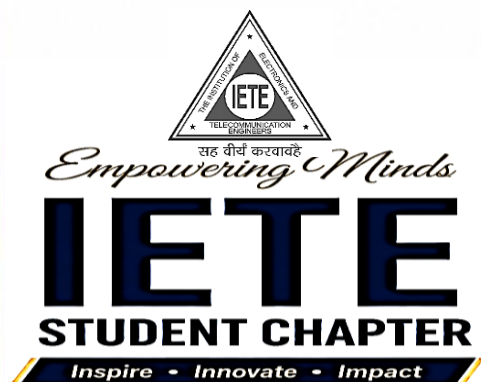
Camp organized at Dhaga Forest Area, Balapur, Arvi.



**TREE PLANTATION**  
30<sup>th</sup> September 2025

Tree plantation was carried out under the "Harit Maharashtra, Samruddha Maharashtra" campaign.

## STUDENTS FORUM



The IETE Student Chapter of our institute plays a vital role in enhancing technical knowledge, fostering innovation and encouraging students to stay updated with emerging trends in Electronics & Telecommunication.



Smt. N. N. Daga  
IETE Conveyer



Department organized **State Level AI Video Creation Competition 2026** under IETE for the students of all MSBTE affiliated Polytechnic & Pharmacy. Students from all over Maharashtra participated in the competition. In all, 46 students participated in the AI Video Creation Competition.

| Rank            | Student Details                                                           | Cash Prize | Topic                                         |
|-----------------|---------------------------------------------------------------------------|------------|-----------------------------------------------|
| 1 <sup>st</sup> | Ms. Gayatri Pravin Ubhalkar, 3rd ET, Government Polytechnic, Amaravati    | Rs. 2000/- | The Day India Spoke Back   AI Short Film 2026 |
| 2 <sup>nd</sup> | Shaikh Awes Bilal Shaikh Waris, 2nd IT, Government Polytechnic Murtizapur | Rs. 1500/- | The AI Diagnostic Revolution                  |
| 3 <sup>rd</sup> | Ayush Laxman Meshram, 3rd ET, Government polytechnic Arvi                 | Rs. 1000/- | How AI can transform education                |



Ayush Meshram, Final Year Student of ET Department win 3<sup>rd</sup> Prize with cash 1000/- Rs & Certificate.

Poster Competition organized by IETE Students Forum on 8<sup>th</sup> January 2026.



# INDUSTRIAL INTERNSHIP

## — INDUSTRIAL INTERNSHIP 2025-26 —



**5**

INDUSTRIES



**67**

STUDENTS



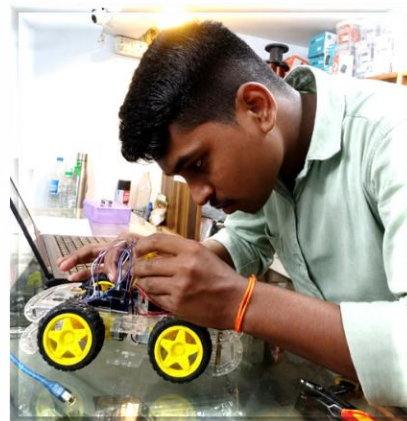
**12**

WEEKS  
INTERNSHIP

Our students gained valuable exposure, practical knowledge and industry experience by working with leading organizations. We thanks all the industries for their support and mentorship.

### OUR STUDENTS COMPLETED INTERNSHIP IN THE FOLLOWING INDUSTRIES

| S. N. | Name of Industry                       | No. of Students |
|-------|----------------------------------------|-----------------|
| 1     | QTRAINEDONE Engineers Pvt. Ltd. Pune   | 24              |
| 2     | NXG Robotics, Pune                     | 01              |
| 3     | Ashirwad Cotton Corporation, Arvi      | 18              |
| 4     | Nirankar Cotton Industry, Arvi         | 22              |
| 5     | Moutreach Solutions Pvt. Ltd. Amravati | 02              |



## TECHNICAL ARTICLES

“Technology is best when it brings people together.”

**Ideas • Innovations • Knowledge**

A platform for **students** and **faculty** to share their technical knowledge, research, innovations and insights on emerging trends that shape our future.



Author  
Dr. V. J. Dongre  
HOD

### » » » Beyond Books: Learn, Grow, Laugh and Shine!

Student life is not meant to be a never-ending cycle of **classes, assignments, practicals, examinations, results**—and then wondering, “What happened to the whole semester?” It is one of the most exciting periods of life, filled with learning, friendship, dreams, experiments, mistakes, discoveries, and of course, a little bit of last-minute assignment panic!

Technical education prepares students for a rapidly changing world. However, future success requires much more than passing examinations. Students need to develop a combination of **knowledge, skills, confidence, creativity and a positive attitude**.

### Learn the Basics—Then Go Beyond!

Strong academic fundamentals are essential. Understanding concepts is far more valuable than simply memorizing answers the night before an examination. Students should be curious, ask questions, perform experiments, and learn through projects.

At the same time, technology does not wait for anyone. Students should explore areas such as **programming, embedded systems, IoT, robotics, Artificial Intelligence, automation and communication technologies**. In the future, the most valuable skill may simply be the ability to **keep learning and keep adapting**.

### Don't Be a “Classroom-Only” Student

College life offers much more than lectures. Technical competitions, project exhibitions, workshops, sports, cultural programmes, student activities and social initiatives provide opportunities to discover hidden talents.

*Continued on Next Page →*

## TECHNICAL ARTICLES

Participation teaches teamwork, leadership, confidence and responsibility. Winning is wonderful—but even losing a competition can be useful, especially when it teaches what not to do next time!

### Soft Skills: The Skills That Make Everything Work

A brilliant idea is useful only when it can be explained to others. Students should develop communication skills, confidence, teamwork, leadership, presentation skills, creativity and professional ethics.

Learning to listen is equally important. After all, **every meeting does not need five people speaking and nobody listening!**

### Manage Time, Stress and That Mobile Phone

Time is limited, and every student receives the same twenty-four hours. The challenge is to use them wisely. Studies, skill development, hobbies, friends, family and relaxation should all find a place in life.

Excessive mobile scrolling can quietly consume hours. Students should remember that a mobile phone is an excellent tool—but it should not become the unofficial head of the family!

Stress is also a part of student life. Examinations, career worries and competition can create pressure. The solution is not to panic but to take one step at a time, seek guidance when required and learn from mistakes.

### Health Is Not an Optional Subject

A sharp mind needs a healthy body. Regular exercise, sports, adequate sleep and healthy food improve concentration and energy. Sleeping at 2 a.m. and expecting the brain to work like a supercomputer at 8 a.m. is not always a successful experiment!

### Enjoy Youth—Responsibly!

Student life should also include friendship, laughter, sports, celebrations and memorable experiences. Youth should be enjoyed fully, but with responsibility. Freedom and discipline must go together. Fun is important—but so is the future.

In the end, a successful student is not merely one who scores high marks. True success lies in becoming **knowledgeable, skilled, confident, creative, healthy, disciplined and socially responsible.**

So, students should **study seriously, learn continuously, participate enthusiastically, laugh wholeheartedly, stay healthy, manage stress and never stop dreaming.**

**Dream big. Learn more. Try boldly. Fail gracefully. Laugh often. And become the best version of yourself!**

◆ – End – ◆

## TECHNICAL ARTICLES



Author  
Shri R. B. Sathe  
Lecturer

### » » » *Protection of Radar Antennas using Radome...*

Radar systems operate at high transmission power levels and extreme frequencies, making their sensitive electronic arrays highly vulnerable to environmental hazards and operational self-destruction. The most visible and critical defense for these systems is the radome—a structural, weatherproof enclosure that protects the radar antenna from external forces. Derived from the words "radar" and "dome", radomes are engineered to fulfill two conflicting requirements: serving as a rugged physical shield while remaining completely electromagnetic transparent to radio waves. By using low-attenuation composite materials like fiberglass or polyurethane foam, a radome allows microwave energy to pass freely during high-power pulse transmissions with minimal signal distortion.

In real-time airborne radar applications, radomes are subject to intense structural stress while safeguarding vital avionics. Commercial airborne weather radars rely on nose-cone radomes to house systems operating in the X-band (8 to 12 GHz), managing power levels between 18 watts and 10 kilowatts to track storm cells. In military aviation, the demands scale dramatically. Active Electronically Scanned Arrays (AESA) deployed on fighter aircraft require peak power levels spanning 4 kilowatts to 20 kilowatts, while large early warning platforms push much higher. At these massive power outputs, the radome shields the antenna from extreme aerodynamic drag, bird strikes, and rapid temperature fluctuations experienced at Mach speeds. Furthermore, it assists the aircraft's internal climate control loops, preventing ice from accumulating on the antenna array, which could detune the frequency and cause a severe voltage standing wave ratio (VSWR) mismatch.

Beyond the outer shell of the radome, deep hardware-level safeguards work in tandem to handle intense electrical and mechanical loads. Because radar antennas use a single array to transmit high-power pulses and listen for faint returning echoes, an ultra-fast Transmit-Receive (TR) switch is integrated directly behind the feed line. The TR switch instantly isolates the sensitive receiver electronics during transmission, preventing megawatt-level effective radiated power from frying the system. Additionally, radar signals are often carried through hollow metal tubes called waveguides rather than cables. To stop moisture from triggering destructive electrical arcing inside these tubes, waveguides are sealed with transparent microwave pressure windows and continuously pressurized with dry air or nitrogen gas.

For maritime and ground-based radars, the radome provides structural support that shields continuously rotating assemblies. By enclosing the moving array, the radome eliminates wind resistance and mechanical friction, allowing the radar to spin at consistent, uninterrupted rotational speeds. To combat static electricity generated by friction and lightning, radomes are embedded with specialized anti-static coatings and lightning diverter strips.

*Continued on Next Page →*

## TECHNICAL ARTICLES

These mechanisms safely collect static buildup and ground it without sparking. Ultimately, combining a high-performance radome with waveguide pressurization, TR switching, and grounding systems ensures that high-power radar networks remain operational, accurate, and safe from catastrophic electrical failure.

To guarantee survival under extreme operational conditions, military radar radomes are designed and verified against rigorous defense specifications. MIL-R-7705 establishes the primary criteria for the design, electrical performance, and physical properties of airborne radomes, defining allowable transmission losses and boresight error limits. Environmental ruggedness is tested under MIL-STD-810, which subjects the enclosure to severe climate conditions, including high-altitude thermal shock, salt fog, explosive atmosphere, and sand/dust erosion. For electrical safety, MIL-STD-464 outlines electromagnetic environmental effects, dictating the design of lightning protection diverter strips and electrostatic discharge (ESD) mitigation to ensure that high-voltage strikes pass safely around the radome without penetrating the internal radar array.

◆ – End – ◆

## TECHNICAL ARTICLES



### *Artificial Intelligence: A Technological Revolution Shaping the Future...*



Author  
Shri Y. U. Futane  
Lecturer

*When Machines Learn to Think, What Will Remain Uniquely Human?*

#### A New Chapter in Human History

Every great invention has transformed human civilization. Fire, the wheel, electricity, computers, and the Internet changed the way we live and communicate. Today, humanity is entering another extraordinary transformation— Artificial Intelligence (AI).

Unlike earlier technologies that extended the power of our hands and bodies, AI is beginning to extend the power of our minds. Machines can now learn from data, recognize images and voices, understand language, generate content, write programs, and assist in decision-making.

This raises a profound question: **If machines can perform tasks that once required human intelligence, what will remain uniquely human?** Perhaps the answer lies not only in what we can do, but in **why we choose to do it.**

#### From Programmed Machines to Learning Machines

Traditional computers mainly followed human instructions, while AI can learn patterns from data and improve its performance. Technologies such as **Machine Learning, Deep Learning, Artificial Neural Networks, Natural Language Processing, Computer Vision, Robotics, and Generative AI** enable machines to learn, understand, recognize, and create.

Yet a machine may generate a beautiful poem—but does it feel the emotion behind it? It may recognize a face—but can it understand the story behind that face? This distinction may become one of the most important questions of the AI age.

#### AI and Human Life

AI is **transforming education, healthcare, agriculture, and industry.** It can personalize learning, assist teachers, analyze medical data, support diagnosis, monitor crops, study weather and soil conditions, detect industrial defects, and predict machine failures.

However, technology should support human beings rather than replace human values. A teacher does more than provide information; a doctor does more than analyze reports; and a farmer needs technology that genuinely improves productivity and security.

AI can provide information; humans provide understanding, compassion, and purpose.

In industry, the combination of AI, Robotics, Sensors, Electronics, and Control Systems can allow machines to perform dangerous and repetitive tasks while humans focus on creativity, innovation, supervision, and decision-making.

*Continued on Next Page →*

## TECHNICAL ARTICLES

Ultimately, the value of AI should be measured by one simple question:

**Does it make human life better?**

### AI and Employment

Perhaps the biggest concern is: **“Will AI take away our jobs?”**

Some jobs and tasks will certainly change, but technology also creates new professions and opportunities. The real challenge is **skill transformation**.

Future workers will need digital skills, AI literacy, creativity, communication, critical thinking, and continuous learning.

**The willingness to keep learning may become the most valuable skill of the AI era.**

### The Dark Side of AI

Every powerful technology has two sides. AI can benefit humanity, but it can also create challenges involving data privacy, cybersecurity, algorithmic bias, misinformation, deepfakes, surveillance, intellectual property, and excessive dependence on technology.

Therefore, we should ask not only:

**“How intelligent can we make AI?”**

but also:

**“How responsible can we make AI?”**

AI must be developed with **ethics, fairness, transparency, privacy, safety, and human responsibility**.

### What Makes Us Human?

Machines can calculate, remember, communicate, recognize patterns, and create content. But human beings can **care, connect, dream, hope, love, sacrifice, and give meaning to life**.

AI can provide speed, automation, and data analysis; humans provide **creativity, empathy, ethics, imagination, values, and judgment**.

Therefore, the future should not be **humans versus AI**, but **humans with AI**.

### ***Conclusion: The Intelligence We Must Never Lose***

AI may become faster than us, calculate better than us, remember more than us, and perform many intellectual tasks better than us. But there is one intelligence humanity must never lose— **the intelligence of the human heart**.

**Artificial Intelligence may change our world— but humanity must remain the force that gives that world meaning.**

◆ – End – ◆

## ALUMNI SECTION



MEMORIES



CONNECTIONS



ACHIEVEMENTS



GROWTH

## ALUMNI VOICES

*Memories that stay,  
experiences that inspire.*

Our alumni are our pride. Their journey from classrooms to careers is a testimony to the values, learning and memories they carried from Government Polytechnic, Arvi.

LEARNED HERE  
Built the FoundationGROWN HERE  
Found Our PathINSPIRED HERE  
Chased Our DreamsSUCCEEDING EVERYWHERE  
Making a Difference

“The foundation we built here,  
the heights we are reaching today.”



NUPUR UPADHYAY

Diploma ET Engg.

Batch 2025 Passout

“The journey from our first lab practical to the final submission has been unforgettable. Every experiment, viva, and deadline taught us something beyond textbooks. Our teachers guided us with patience and encouraged us to keep learning. This college gave us knowledge, confidence, and lifelong memories. Grateful for every lesson and proud to be a pass-out student of this institution.”



SAYALI THAKUR

Diploma ET Engg.

Batch 2026 Passout

“Electronics is more than wires and circuits; it connects ideas to reality, solves problems, and creates possibilities for the future. As an Electronics and Communication student, I dream of using my knowledge to develop meaningful solutions for society. I believe every small circuit can spark a big idea, turning imagination, innovation, and technology into real-world progress for people everywhere today.”



SRUJAL MALWAR

Diploma ET Engg.

Batch 2026 Passout

“Being selected by Tata Motors through the Lakshya – Earn & Learn Program is a proud moment for me. I am truly grateful to Tata Motors for this wonderful opportunity and to my respected HOD Sir and all the teaching staff for their constant guidance and support. I am also thankful to my parents and everyone who believed in me. I look forward to learning, growing and giving my best at Tata Motors.”



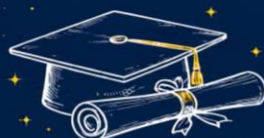
SHIVAM MADANKAR

Diploma ET Engg.

Batch 2025 Passout

“My journey at Government Polytechnic, Arvi, as an Electronics & Communication Engineering student shaped my knowledge, discipline, confidence, and character. I am grateful to Dr. V. J. Dongre Sir, our faculty, and my college for their guidance. Today, as an Assistant Loco Pilot in Indian Railways, I aspire to grow, serve, achieve higher positions, and continue learning and contributing meaningfully.”

*Once a student,  
always a part of  
our family.*



“As you move ahead in life,  
may you continue to learn,  
achieve and inspire.  
Wishing you a successful  
and meaningful journey ahead!”

## STUDENTS ACHIEVEMENT



### FIRST PRIZE

#### At State-Level Technical Quiz Competition

- Final Year Students of the department **Munna Tople & Pranay Askar** achieved **First Prize** at the prestigious **State-Level Technical Quiz Competition**.
- The competition was organized at **Government Polytechnic, Amravati**.
- The students showcased their technical knowledge, analytical skills, and quick thinking during the competition.
- The winning team received a **cash prize of ₹15,000** along with a **certificate of achievement**.
- This remarkable success brought pride and recognition to the department and the institute.



### GOLD AWARD

#### For Innovative Technical Project

- Final Year Students of the department **Sayali Thakur & Nandini Kene** secured **Gold Award** for their innovative technical project.
- The Project competition was organized by **G. H. Raisoni Skill Tech University Nagpur**.
- The project, **"V2V Communication for Collision Detection with Automotive Street Light,"** demonstrated an innovative application of technology for road safety and vehicle communication.
- The team received a **Gold Award, cash prize of ₹5,000** along with a **certificate of achievement**.
- The project was appreciated for its innovative concept and practical application.
- This achievement reflects the students' **technical excellence, creativity, innovation, and teamwork**.



### Proud of Our Students

Your hard work today,  
shapes a smarter tomorrow.

## CAMPUS HIGHLIGHTS

### ★ CELEBRATING OUR PLACEMENT SUCCESS 2025-26 ★

-----● WE ARE PROUD OF YOUR ACHIEVEMENTS! ●-----

Heartly Congratulations to all our talented students for getting selected in reputed companies through campus placement drives.

#### 4 STUDENTS SELECTED IN TATA- EARN & LEARN PROGRAM



SHIVANI BHISE



NIDHA SHAH



SRUJAL MALWAR



UTKARSHA GORE



#### 28 STUDENTS SELECTED IN VARIOUS REPUTED COMPANIES

- |                    |                     |                       |
|--------------------|---------------------|-----------------------|
| 1. MAYURI JAHAKAR  | 10. RITESH DESHMUKH | 19. SEJAL KAKADE      |
| 2. SHREYA KAKPURE  | 11. PRATHMESH PATIL | 20. CHANCHAL KALE     |
| 3. SANIKA PATIL    | 12. KESHAV RAJPUT   | 21. PRAJWAL GOHATRE   |
| 4. VEDANT DUDHANE  | 13. PARAG WARADE    | 22. DARSHAN MAHALLE   |
| 5. ANUSHRI THAKRE  | 14. PRANAV ASKAR    | 23. PRATHMESH DOD     |
| 6. DIPALI PATHADE  | 15. TANMAY JAHAKAR  | 24. VEDANT SELKAR     |
| 7. URMILA WANKHEDE | 16. MUNNA TOPLE     | 25. DHANASHRI LADEKAR |
| 8. SAKSHI MAHAJAN  | 17. TILAK ADHAO     | 26. ASMINA PATHAN     |
| 9. ANUKSHA DHOBLE  | 18. RUSHIKESH SABLE | 27. SANKET KALBHUT    |
|                    |                     | 28. PRANAV BHAGAT     |



← From Classroom to Career - We Build Futures! →

## MOMENTS & MEMORIES



Ku. Nupur Upadhyay (Final Year ET Dept) was felicitated by Principal for securing first position in the institute in the Summer2025 examination.



Ku. Dipali Pathade (Final Year ET) was awarded a certificate by Dr. V. J. Dongre for securing a position in the Fashion Show during the Annual Gathering.



Students of the ET Department emerged victorious in the Volleyball Tournament at the Inter-College Sports Competition.



Publication of Annual Newsletter 2024-25 at the hand of Principal Dr. V. R. Mankar, Dr. M. D. Waghmare, Dr. V. J. Dongre & Dr. N. J. Shirbhate.

### • DEPARTMENT FAMILY •



## GLIMPSES OF OUR ACHIEVEMENTS, RECOGNITIONS & CONTRIBUTIONS IN PRINT MEDIA

## 25

# GOVERNMENT POLYTECHNIC, ARVI

## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



Stay Connected With Us



Website



Facebook



YouTube

**Address :** Government Polytechnic, Arvi,  
Deurwada Road, Taluka Arvi, District Wardha,  
Maharashtra - 442201

**Website :** [www.gparvi.ac.in](http://www.gparvi.ac.in) | **Email :** [etxgparvi@gmail.com](mailto:etxgparvi@gmail.com)

Published and Printed by

Head of Department, Electronics and Communication Engineering,  
Government Polytechnic Arvi.