



GOVERNMENT POLYTECHNIC AURANGABAD

(An Autonomous Institute of Govt. of Maharashtra-Estd. In 1955)
All India Council for Technical Education (AICTE)

Approved – NBA Accredited (Five Program(s))

ELECTRONICS AND TELECOMMUNICATION E-NEWS LETTER

7 EDITION DATE : 17 MAY 2023

FROM PRINCIPAL'S DESK



Ambition, Planning, hard work and courage are the key for success.

But always remember nothing succeeds like success .

There is an ample of scope in co-curricular and extracurricular activities at GP AURANGABAD wherein the students are encouraged to show their talents.

My best wishes for ELECTRONICS AND TELECOMMUNICATION , Newsletter –edition SEVENTH which is intended to disseminate the information about the activities of the Institution and hope this will be a great source of enthusiasm to bring out the best of hidden creative talents and organizational abilities of students.

FROM HOD'S DESK



It is an unique experience to be at the helm of affairs of our department. This department is the foundation of this great institute, which has produced thousands of Electronic and telecommunication diploma engineers.

In turn, our alumni people have done proud to this department and Institute by their contribution to the society.

The department has continuously grown with the times and probably in a unique way by identifying major specializations within the Electronic and telecommunication engineering domain.

It is a hub center of innovative research with a strong component of providing services to field problems. The department is having a blend of experience and youth to achieve its goals. My best wishes to Progressive tests and final year exams students .

Institute Vision

“ To be the internationally accredited institute that contributes in the development of competent professionals and entrepreneurs on the platform of technology based systems, blended learning through highly qualified and trained staff.”

Institute Mission

“ To educate and train globally competent individuals, professionals, technicians and skilled human resources through world-class curriculum, student centric academic systems, team of committed, trained faculty and staff contributing to the students, successful employment and entrepreneurship with a spirit of patriotism and concern for environment”

Department Vision

“To be a centre of excellence, assuring competitive technical manpower for emerging trends in the field of electronics & telecommunication to address multidisciplinary sectors.”

Department Mission

M1: Strengthen the knowledge & skills to convert concept, idea into system for employability/ entrepreneurship.

M2: Develop software skills needed in the field of electronics.

M3: Expose the students to industrial

M4: Build personality, teamwork spirit, professional ethics & social concern.

. CREATING HISTORY

PROJECT COMPETITION			
Name	Prizes	Events	Venue
Vallabh Shripad Deshpande	FIRST	Tultech 2023	Tuljabhavani College of engineering Tuljapur
Palash pankaj kale	FIRST	Paper presentation	Tulja bhavani college of engineering
sameer ganesh pawar	FIRST	tultech	Tulljapur
Shrinath Manohar Dighule	FIRST	Dipex	Sipna college, Amravati
Nikhil suresh Shinde	FIRST	Dipex	Amravati
Devendra nitin deshpande	FIRST	Project competition	Shri Tuljabhavani college of engineering tTulljapur
Prakash Jha	FIRST	Project Competition	Shri Tuljabhavani college of engineering
Vaibhav Mahendra Gujar	FIRST	Dipex State Level	Sipana college
Shubham Ravindra Kewat	FIRST	DIPEX 2023	Sipana college

. CREATING HISTORY



- Dipex platform : winners from third year in Electronics and



- Cash prize won in project competition

. CREATING HISTORY

PAPER COMPETITION			
Name	Prizes	Events	Venue
Radhika Pradip Shinde	FIRST	PAPER PRESENTATION	Tuljapur
Anushka Ganesh Mote	FIRST	PAPER PRESENTATION	CSMSS college of poly-technic ,chh.sambhajinagar .
Vivek Sahind Sahani	FIRST	PAPER PRESENTATION	CSMSS College of poly-technic,chh.sambhajinagar
Vallabh Shripad Deshpande	FIRST	PAPER PRESENTATION	MIT Polytechnic Aurangabad
Manisha Kalyansingh Rebari	FIRST	PAPER PRESENTATION	Shri tuljabhavani college of engineering
Radhika Shinde	FIRST	PAPER PRESENTATION	Shri Tuljabhavani College of Engineering



STUDENTS WITH FIRST PRIZE IN PAPER PRESENTATION @SHRI TULJA BHAVANI ENGG

. CREATING HISTORY



GATHERING WINNERS

Tribhuvan Aryan Sudhakar	FIRST	Katha-kathan
Vallabh Shripad Deshpande	FIRST	Bharat darshan 2023
Tanmay Deshpande	FIRST	Bharat darshan/ sargam 2023
Palash kale	FIRST	Sargam

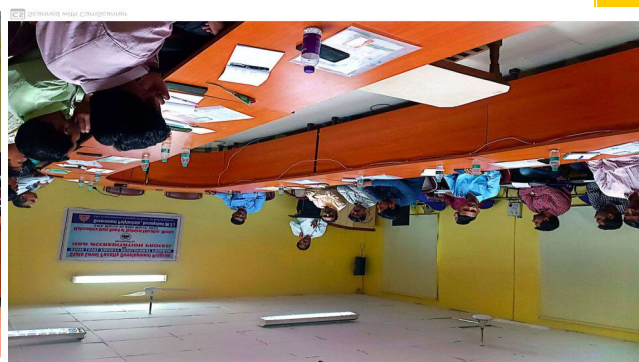
. FDP ORGANIZED

GOVERNMENT POLYTECHNIC, AURANGABAD (An Autonomous Institute of Govt of Maharashtra) MSTE Sponsored Three Days FDP on "NBA Accreditation Process" (24 March to 26 March 2023)

DAY	SESSION - I 10:00 AM TO 11:30 AM	11:30 AM TO 11:45 AM	SESSION-II 11:45 AM TO 01:15 PM	01:15 PM TO 02:00 PM	SESSION-III 02:00 PM TO 03:30 PM	03:30 PM TO 03:45 PM	SESSION - IV 03:45 PM TO 05:15 PM
FRIDAY 24/03/2023	Registration & Inauguration.	Tea Break	Understanding of OBE System from perspective of NBA accreditation (Shri U.T. Nagdev) Joint Director, RO, Aurangabad	Lunch Break	CO Formulation, OBE implementation & role of teacher (Dr. A.M. Jinturkar) Principal G.P.Aurangabad	Tea Break	Vision Mission/ Mapping/PEOs & dissemination methodology (Smt M.M. Ganorkar) HOD - AFM G.P.Aurangabad
SATURDAY 25/03/2023	CO/PO/PSO Mapping/Attainment Computations & validation (Shri M.B. Sanap) Lecturer in Mech dept. G P Ambad	Tea Break	Mentoring System: Necessity & remedial measures (Shri M.B. Sanap) Lecturer in Mech dept. G P Ambad	Lunch Break	Feedback analysis of course outcomes, program outcomes (Shri M.B. Sanap) Lecturer in Mech dept. GP Ambad	Tea Break	Impact analysis of industrial training (Dr. G.B. Dongre) Principal CSMSS Polytechnic Aurangabad
SUNDAY 26/03/2023	Gap analysis: tools & mechanism, continuous improvement (Shri Virat Giri) SGP , Kolhapur	Tea Break	Exercise on departmental weakness & action taken format (Shri Virat Giri) SGP Kolhapur	Lunch Break	Feedback session (Shri Virat Giri) SGP Kolhapur	Tea Break	Validation Program

(Signature)
(Dr. S.B. Dhoot)
Co-Ordinator

(Signature)
(Dr. A.M. Jinturkar)
Principal



What are Emerging Electronics?

Visions of Emerging Electronics Technologies include nanoelectronics, artificial intelligence, smart and autonomous systems, cyber security, 5G, quantum computing, Silicon Carbide electronics, robotics, cognitive science, education, bioelectronics, printed electronics, gas sensing, etc.

The world has become smaller thanks to electronics and communication. Just a few decades ago, it would have seemed impossible for one to communicate with someone halfway across the world in real-time, that too at an affordable price, but here we are. Today, we can not only talk but actually video chat with someone halfway across the world free of cost. We have electronics and communications engineers to thank for this.

Electronic & communications engineering (ECE) is more of a blanket term. It actually encompasses many specializations under it like consumer electronics, analog electronics, digital electronics and more. Electronic communication engineers can be defined as engineers who research, develop and make modern-day electronic devices and communication systems. Therefore, you can judge how important this profession is.

Scope as a Profession

The world today runs on electronics and communications. The leaps and bounds growth we're seeing in technology and quality of life has huge contributions from electronics and communications engineering. Therefore, there is a demand for talent in this stream of engineering. Overall, engineering is set to grow a strong 7% growth rate in the next decade. And this is just in India. There's going to be a huge demand for engineering and electronics & communications engineers all over the world, as it constitutes a sizeable portion in en

Communications is the driving force behind the growth and development of many industries, and their need for ECE is only going to grow in the coming years. Therefore, they will be hiring engineers in large numbers. These companies are spread across the world, and India is a massive engineering talent hub for them.

Consumer goods like mobile phones, tablets, computers, laptops, smart watches, LED Smart TVs are also becoming popular. They were once considered essentials in the developed world, but now, they are becoming popular in developing and third-world countries as well. So, the demand for such products is again going to push the employment of engineers, as more innovation in these products will be required. The electronics market of India alone is valued to be nearing \$400 billion.

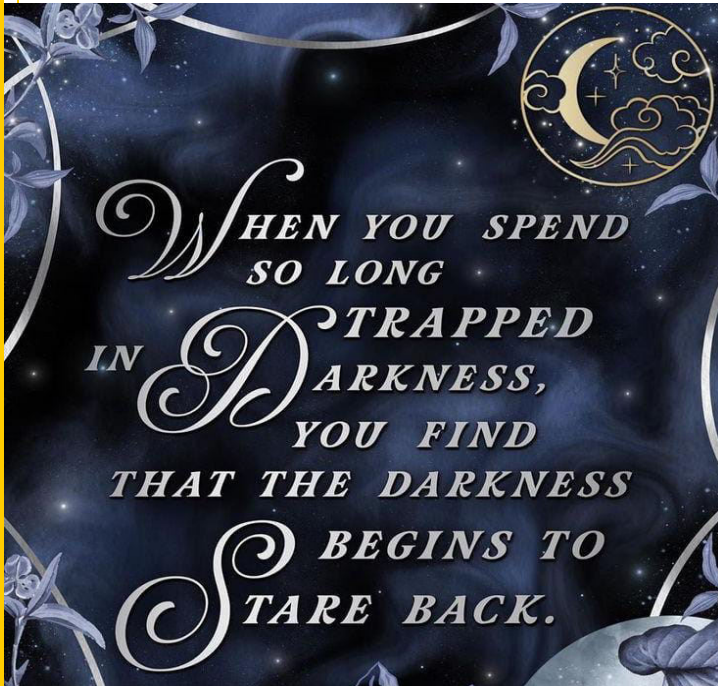
Different Careers

In ECE, there are many different engineering professions you can choose from. Here are some:-

Electronics & Communication Engineer – The need for broadcasting, networking, and transmission is going to be huge, and most electronics and communication engineers are responsible for developing these systems.
Electronics Engineers – To meet the demand of the ever-hungry consumer market and the ushering in new and advanced technology, there will be a huge need for electronics engineers.

System Control Engineer – Designing and testing complicated electronics systems is their main job, and this profession is a very important one, as most efficient electrical systems we rely on in our everyday life and don't even know about is made by them.

Electronics Design & Development Engineers – This is more of research, development, and testing based profession. They design the products we'll be using tomorrow.



Engineer:

A genius with godly math and science abilities, that can solve problems in ways normal people do not understand.

“
The scientist
discovers
a new type of
material or energy
and
The engineer
discovers
a new use for it.”

-Gordon Lindsay Glegg

THANKS TO EVERY
ONE WHO CONTRIBUTED THIS SMALL
PIECE OF WORK

FROM

ELECTRONICS
AND TELECOM-
MUNICATION
DEPT

“
Compromise for your Dream
but never compromise on
your dream.”

