

## Department of Electronics and Telecommunication Engineering

GOVERNMENT POLYTECHNIC WASHIM

(Under Directorate of technical Education, Maharashtra Government)



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### VISION:

"To be the best in providing Technical Education in Electronics and Telecommunication Engineering."

### MISSION:

Department of Electronics and Telecommunication Engineering is Committed to:

- [1] To offer state-of-art education in Electronics and Telecommunication Engineering.
- [2] To produce human resources with Moral and Ethical values.
- [3] To strengthen soft skills especially for rural students through co-curricular and extra-curricular activities.

### PROGRAM EDUCATIONAL OBJECTIVES (PEOS):

- **PEO1:** Strong foundation in engineering fundamentals and skills that will enable them to have successful career in Core Electronics, Telecommunication and IT Industries.
- **PEO2:** To be ready for rapid technological change with core Electronics and Telecommunication Engineering domain knowledge through self-learning.
- **PEO3:** To develop their interdisciplinary knowledge and skills.
- **PEO4:** To inculcate effective communication skills, team work, ethics and leadership in preparation for a successful career in industry.

### PROGRAM SPECIFIC OUTCOMES (PSOs):

- **PSO1:** Ability to apply the concepts and applications electronics and Telecommunication to solve real world problems so that they will be employable or may start their own venture.
- **PSO1:** Ability to use modern troubleshooting and testing tools to maintain the systems for a variety of applications.

## From Principal's and HOD's Desk...



***Dear Readers,***

It gives me great pleasure to congratulate students, teachers and staff of Electronics & Telecommunication Engineering Department, for the publication of this April, 23 edition of newsletter. The world is now converting in E- World, where E means Electronics. Hence this is one of the most fascinating and vibrant branch of today's technological world.

It deals with all electronic gadgets, smart instrumentation, automation, security, mobile communication, TV, embedded systems, Robots and all future technologies. The department have highly qualified and experienced teaching faculties. It is dedicated for inculcating excellent technical skills, personality development and ethical values in the students through various curricular, cocurricular and extracurricular actives round the year. This makes them ready for acquiring job, higher education or self-employment through entrepreneurship. All the best!!

**Dr. Balaji G. Gawalwad**  
(HOD EJ & In charge Principal)  
G. P. Washim

## From Editor's Desk...



***Dear Readers,***

It is indeed a great honor to be the Newsletter Editor for the Electronics and Telecommunication Engg. Department and it is an immense pleasure to launch this edition for April 2023.

Newsletter is believed to serve the purpose of reflecting the inside activities i.e., academics, co-curricular & extra-curricular activity, students and faculty achievements as well as innovation occurring in the department. In the era of engineering and technology this newsletter will motivate the teachers and students

to share their creativity and new ideas with the world and will help in their overall development.

Finally, huge thanks to Shri. Laxman Lonkar Sir, Shri. Umesh Toshniwal Sir, Shri. Umesh Nage Sir, who has contributed by writing the wonderful article without which this newsletter issue wouldn't have been completed. Last but not least, I would like to thank Dr. B. G. Gawalwad (HOD, EJ & In-charge Principal) for providing me the opportunity to be editor of this newsletter and everlasting support throughout the creation of this edition.

**Shri. Rajeshwar Takwale**  
Lecturer, EJ

## School Connect Program

MSBTE sponsored "School Connect program 2023-24" successfully organized & conducted by our department between 01Jan to 31 Jan 2023 in suburban region of Washim District. By this program expert faculties from our department and institute visited various schools for counselling, guiding and creating awareness among 10th class students and their parents about Scholarships, Technical education, various Diploma Courses and their Scopes in future etc. which is helpful to the students for selecting right path (branch) for bright future. The motto of this program is to make our students more skillful which is in line with "Digital India", the vision of our Honorable Prime Minister Shri Narendra Modi.



## Celebration of Traditional Day

Indian Culture is unique and it is one of the oldest cultures of the world. Every aspect of Indian Culture is distinctive; way of living, dressing, eating is inimitable. It is very necessary to make our students aware of this rich Indian culture at college level hence in order to make them to follow and respect Indian culture a competition on best traditional outfit was organized in department.





## Sports and Cultural Program at Regional Office, Amravati

Sports and cultural program was organised at regional office, Amravati by Hon. Joint director Dr. V. M. Mankar. Faulties from department Shri. R. G. Takwale, Shri. L. K. Lonkar participated in events.



## Dental Check-Up Camp

Electronics and Telecommunication Engg. Department along with NSS and a team of senior dentists led by Dr Vipul Pawar organize a free dental check-up and awareness camp in the college premises. The camp included dental awareness talk, educating students about common dental ailments especially stressing on tooth decay and gum diseases and the measures used to prevent them. The students were made aware about the eating patterns and food choices which can lead to tooth decay.

The young students cherished the chance to interact with the dentists to enquire and gain knowledge about their oral health and maintaining good oral hygiene. The college staff and students thanked the dentists for rendering their selfless service to the institute. NSS coordinator **Shri. Umesh Nage** took special efforts for this drive





## Cleanliness Drive

On the occasion of NSS day, the National Service Scheme (NSS) unit of institute organize a cleanliness drive at ST Bus Stand Washim. Under this program, all the students from first year had to participate. The main objective of the cleanliness drive was to address the issues of hygiene, public sanitation conditions, and to create awareness towards cleanliness.

Institute NSS coordinator Shri. Umesh Nage along with his team member Shri. R. G Bilolikar, Shri. B. B Lavhale, Shri. C. D. Ghugare, Smt. R. r. Adhav took special efforts for this drive.



## Alumni Meet

Government Polytechnic Washim has organized the Alumni Meet on 04/03/2023 in Gymkhana Hall. The alumni meet is conducted every year in order to reconnect with the Alumni and celebrate their success and various achievements. Alumni get in touch with students and share their expertise and best practices in each field. Institute TPO **Shri. Umesh Toshniwal** and Department Coordinator **Shri. Laxman Lonkar** readily took up initiative to organize the meet in the guidance of Hon. Principal Dr. B. G. Gawalwad.





## Inauguration of Water Cooler

In an effort to provide clean and safe drinking water for every student, one of our prominent alumni Shri. Pathak has donated the water cooler for Electronics and Information technology department. Filter part is donated by Hon. Principal Dr. B. G. Gawalwad and Shri. U. A Bagde (HOD,IF). The entire college staff and Principal profusely thanked alumni and expressed deep appreciation of this gesture



## Inter-Branch Cricket Tournament

Electronics and Telecommunication Engineering department organized an Inter-Branch Cricket Tournament. All together 6 teams participated in the tournament. There was the huge crowd of students who had gathered in the playground to cheer their respective teams. Shri. R. G. Takwale and Shri. O. P. Ghorsade coordinates the event in the guidance of sport coordinator Shri. Umesh Nage.



## Faculty Achievement

- Dr. B. G. Gawalwad worked as Chairman of ***“External Institute Monitoring Committee”*** appointed by MSBTE, Mumbai. His team conducted monitoring of two institutes.
- Shri. Rajeshwar Takwale and Smt. Priya Morey completed Forty-two days ***“Foundation Training”*** (August 22 to October 02, 2022) and Shri. Sanjay Shelke has completed one week ***“Refresher Training”*** (10-14 October 2022) organized by YASHADA Pune.
- Shri. Laxman Lonkar has successfully completed a one-week faculty development program organized by G. P. Khamgaon on ***“Enhancing Quality in Technical Education through Outcome Base Education Philosophy and Awareness to NBA”*** from Feb 06 to Feb 10, 2023.

## Industry Expert Lectures

Department of Electronics and Communication Engineering arranges various industry expert lectures for students and faculties. The objective of expert lectures is to explore particular subject with interaction with industry experts. Expert session provide platform to students to express their ideas and view. Student gets benefit to relate theoretical with practical inputs of field. Series of such session pour an extra enthusiasm to student to give practical approach to their study.

Sr. No.	Topic	Delivered By	Date	Class
1	Embedded System Using IOT	Mr. Harish P. Chatur	29/11/2022	Second Year & Third Year
2	Cyber Security	Mr. Hrudaynath Khandalkar	09/03/2023	First, Second, Third Year
3	Use of Wireless Communication in Police Department	Mr. Rajesh Narale	10/03/2023	First, Second, Third Year
4	Personality Development	Mr. Prasanna Ratnparkhi	18/03/2023 to 20/03/2023	Second Year & Third Year
5	Personality Development	Mr. Dinesh Bawane	27/03/2023	Third Year
6	Personality Development	Mr. Sagar Hade	15/04/2023	Second Year



## EIMC visit to Department

As per the policy of Maharashtra state Board of Technical Education, Mumbai, external academic and institute monitoring is carried out once in academic year. In this A.Y 2022-2023, External institute monitoring committee i.e. EIMC visited our institute and department on 24th April, 2023. Dr. S. S. Prabhune sir (Principle, G. P. Khamgaon) was the chairman of EIMC, while Shri. R. K Mantri, Shri. V. A. Maind, Shri. S. A. Jumde were the members. EIMC team thoroughly observes the teaching learning process and NBA work done by department and also share their experience regarding NBA. At last, EIMC team gave best wishes for the NBA Accreditation.



## Poster Presentation Competition

The interbranch poster presentation competition was organized by the Department of Electronics and Telecommunication Engineering to encourage the student to come up with their innovative ideas. The objective of the competition was to ignite the fire of imagination and creativity in the students.



## Pragati Scholarship by AICTE

To provide encouragement and support to Girl Child to pursue technical education "Pragati Scholarship" has been launched by the MHRD and implemented by AICTE.

Pragati is a scheme aimed at providing assistance for Advancement of Girls participation in Technical Education. The objective of scheme is "Empowering Women Through Technical Education." Efforts taken by Shri Laxman Lonkar results into registration of 107 girls from the institute for this scholarship.



## Students Achievement – Campus Placement

The training and placement cell of G. P. Washim organized various training, placement and internship activities for its students in the session 2022-23 in which reputed companies conducted their respective placement drives in the College Campus.

List of students placed from the EJ Department:

Sr. No.	Name of Student	Company	Package
1	Aishwarya Ghasal	<b>John Deere Pune Works</b>	<b>2.16 LPA</b>
2	Pragati Shelke		
3	Sarthi Rathod		
4	Om Kolte		
5	Vijay Sarnaik		
6	Pravin Ade		
7	Shailesh Paulkar		



## Industrial Visits

Department of Electronics and Communication Engineering arranges various industrial visits for students and faculties. The objective of an industrial visit is to provide students with an insight into the corporate world. It provides students with a practical real-world perspective on different functions in organization. Industrial visit bridge the gap between classroom theoretical training and practical learning in a real-life environment. The students get to see the best practices opted by different companies for similar work. It provides an opportunity for students to ask questions related to their area of interest.

Sr. No.	Company / Industry	Location	Date	Class
1	FM Radio Vatsgurm 90.8 FM	Washim	03/12/2022	First, Second, Third Year
2	Konark Transformer	Washim	08/03/2023	First, Second, Third Year
3	GM India Ceramic Solutions	Washim	10/03/2023	First, Second, Third Year



## Blood Donation Camp

Blood is the most precious gift that anyone can give to another person — the gift of life. A decision to donate your blood can save a life. Donating blood is a vital way to help save lives. Along with helping save lives, there are several reasons why donating blood is important. A single donation can save three lives. One blood donation provides different blood components that can help up to three different people.

Electronics and Telecommunication Engineering Department along with NSS team organized a massive blood donation camp in our campus in association with District General Hospital Washim. **Shri. Umesh Nage** Sir took special efforts for event.



## TPO TALKS:



***Dear Readers, Hope all of you are good!!!***

The training and Placement Cell is one of the integral part of our institute. The T & P Cell works diligently to provide place for students in the industrial world. Here, I took this opportunity to let you know what we did in last two years with the help of my cell members and the support of our principal.

TPO cell works in the following area:

- ***Placement activities for final year students.***
- ***6-week Industrial Training for students at the end of 4<sup>th</sup> Sem.***
- ***Organization of motivational, Personality Development and Industrial Expert Lectures and Industrial Visits.***
- ***Organization of Faculty Development Trainings.***

In A.Y 2021-2022, 15 companies visited to our institute and offer 101 jobs to interested students of all branches with highest package of 2.84 LPA. In A.Y 2022-2023, till 13 companies visited to our institute and shortlist 90 students with highest package of 3.75 LPA, yet some companies are in pipeline.

Six-week Industrial Training at the end of 4<sup>th</sup> semester may need to restructure as per guidelines laid by MSBTE. Hope all the departments will emerge with new ideas and concept to fulfill this curriculum requirement. Along with placement, Institute is having 36 active MOUs with various industries and construction companies in local region.

**Shri. U. R. Toshniwal**

LME and Training & Placement Officer  
Government Polytechnic, Washim



## Shining Alumni:

### Shri. Laxman K. Lonkar

#### *Academician!!!*



Our alumni keep legacy of excellence at each and every stage of academics. Let us meet one of our shining alumni **Shri. Laxman Lonkar**. Laxman had passed diploma in Electronics & Telecommunication Engineering in 2008-2009 with 88.43%. He completed his graduation from Government Engineering College Karad with 75%.

After Graduation, He works in many multinational companies like Infosys, Cognizant, Capgemini. As outstanding always, He successfully passed Maharashtra Polytechnic Teachers Service, Gr-A examination by MPSC and currently he is working as lecturer in our department. Apart from academics he handles many administrative portfolios. He has done spectacular work as a coordinator of Community development through polytechnic for employment in rural area.

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## Thank You

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