

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 Engineering (Diploma) Education in Electronics & Telecommunication Engineering.”

MISSION:

Department of Electronics and Telecommunication Engineering is Committed to:

- To offer state-of-the-art education in Electronics & Telecommunication Engineering.
- To produce human resource with moral & ethical values.
- To strengthen soft skills especially for rural students through co-curricular & extra-curricular activities.
- Catalyze industrial exposure & encourage skill up-gradation of students, staff & faculties.

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:** Adaptability for rapid technological change with core Electronics and Telecommunication Engineering domain knowledge through self-learning.
- **PEO3:** Ability to develop their interdisciplinary knowledge and skills.
- **PEO4:** Effective communication skills, team work, ethics, leadership in preparation for a successful career in industry.

PROGRAM SPECIFIC OUTCOMES (PSOs):

- **EDA Tools Usage:** Use Electronics Design & Automation (EDA) tools to develop Electronics and Telecommunication Engineering related Circuits.
- **System Maintenance:** Maintain various types of Electronics and Telecommunication systems.
- **Circuit Development:** To Develop & assemble Electronic Circuits for various applications.

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



Dear Readers,

It is a joyful moment to publish this issue of newsletter. I appreciate department for such initiative to provide a platform for communicating the innovative ideas of the students and faculty members. Newsletter is an excellent way for the students to publish their success stories, innovative ideas, and findings. I strongly believe that this newsletter will reflect the academic achievement and departmental progress.

This year is very important for department as NBA Accreditation team will visit to our department on last week of September, 2025. NBA team visit is the result of everlasting hard work of all faculties, staff, and students of the department. Motivation and support of Hon. Joint Director Mr. Manoj M. Andhare acted as catalyst in expedition of NBA work. Insistence of NBA institute coordinator Dr. R. N. Jarudkar and Departmental NBA Coordinator Shri. F. B. Tanurkar for NBA application and follow up maintained the momentum.
Best luck!!

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 Co-Editor Smt. Pooja Pawar madam, 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 programme 2025-2026" successfully organized & conducted by our Government Polytechnic Washim between 10 Dec. 2024 to 15 Feb 2025 in Washim District.

By this programme expert faculties from our institute visited near about 100 plus 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. In this campaign our faculties interacted with near about 7000 students.



Celebration of Independence and Republic Day

The celebration of Independence Day (August 15) and Republic Day (January 26) in colleges are significant events marked by deep patriotic fervor and ceremonial activities. These two national holidays are celebrated with great enthusiasm to instill a sense of patriotism, national pride, and respect for democratic values among the students and faculty. The celebrations successfully blend formal homage with cultural expression, fostering a strong spirit of unity, diversity, and civic responsibility among the college community.



Anemia Mukta Bharat Abhiyan

Health camp was organized by the Health Department to check the girls of the organization under the "Anemia Mukta Bharat Abhiyan". In this, blood tests of 127 girls were done.



Teachers Day and Engineering Day Celebration

On the occasion of Teachers' Day and Engineer's Day, on September 24, 2024, all the meritorious students of the academic year 2023-24 were honored with medals, and certificates of appreciation.



Celebration of International Yoga Day



Tree Plantation in Campus

Tree Plantation program organized during first week of June, 2025 on the occasion of World Environment Day



Blood Donation Camp

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.



One Day Workshop on “Heat Wave – Precaution and Measures” by District Disaster Management Authority, Washim



Cleanliness Drive

On the occasion of NSS day, the National Service Scheme (NSS) unit of institute organize a cleanliness drive. 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. A special Shramdaan camp was organized in Jambhurnavji, an adopted village under the National Service Scheme. On this occasion, students carried out a cleanliness drive in the entire village with the help of villagers.



Har Ghar Tiranga, Ghar Ghar Tiranga

To celebrate the nectar of freedom, a grand rally was organized in the vicinity of the institute as part of the initiative "Har Ghar Tiranga, Ghar Ghar Tiranga" (Every house has a tricolor flag), in which students, officers and employees of the institute participated enthusiastically. Har Ghar Tiranga' is a campaign to encourage people to bring the Tiranga home and to hoist it to mark India's independence.



Alumni Meet – 2025



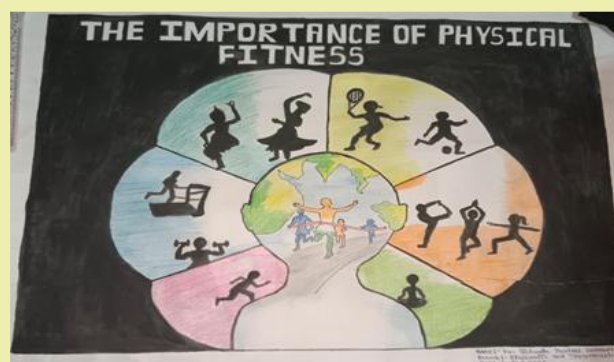
“अंतरंग - २०२५”

Annual Gathering is a vital part of the educational experience. It provides an opportunity to display skills in cultural performances, arts, and creative events outside of academics. Performing or contributing in front of an audience helps students overcome stage fright and develop self-assurance. Students from department actively participated in annual gathering function “अंतरंग - २०२५”.



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.



Students Achievement



Inter Engineering Diploma Student's Sports Association (IEDSSA) is the state level platform for all the diploma students to increasing their sport's ability. In Academic Year 2024-25, **Pranali Choudhari (EJ6I)**, **Bhakti Deshmukh (EJ4K)**, **Anandi Kalamkar (EJ4K)**, **Riddhi Nemade (ME4K)**, participated in state level event of Table Tennis held at Sanjivani K.B.P Polytechnic Kopergaon and won runner-up prize.



Third year students of Electronics & Telecommunication Dept. participated in a State Level Technical Event **Techwings 2K25** held at **Shri. Shivaji Polytechnic Parbhani** and Got **1st prize** in Project Competition. Congratulations to **Pranali Chaudhari, Rani Rathod, Nanda Lande, Shivani Khadse (EJ6I)**. Project title is **"Innovative Classroom Management with IOT Technology"** guided by **Shri. Sanjay Shelke (LEC)**

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 2024-25 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 Students	Name of Company
1	Ganesh Hembad	Tata Power (Mumbai)
2	Aniket Borkar	Skyqaud electronics (Hyderabad)
3	Anand Sarnaik	
4	Yuvraj Jadhav	
5	Shivani Khadse	
6	Bhagyashree Rajguru	
7	Aniket Borkar	SUBROS Company (Pune)
8	Abhishek Bobade	
9	Vivek Raut	
10	Srikanth Gudade	
11	Vikii Lonkar	
12	Kartik Nimbalwar	
13	Ganesh Bhore	
14	Nanda Lande	
15	Atul Ingole	
15	Sarika Dandade	
16	Tejaswini Kaldate	
17	Jagruti Ingole	
18	Rutuja Chavan	
19	Kalyani Ingole	
20	Sayali Sambare	

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 G. Takwale worked as committee member of ***“External Institute Monitoring Committee”*** appointed by MSBTE, Mumbai. His team conducted monitoring of two institutes.
- Shri. Rajeshwar Takwale successfully completed one-week industrial training in ***Full Stack Development Introduction of Python*** (March 10-14, 2025) organized by Maharashtra State Board of Technical Education, Mumbai.
- **Shri. Laxman Lonkar** selected for PhD under QIP scheme at **National Institute of Technology, Trichy.**

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 2024-2025, External institute monitoring committee i.e. EIMC visited our institute and department on 1st April, 2025. Shri. Nilesh Deshmukh (HOD, Polymer Engineering) was the chairman of EIMC, while Shri. G. M. Gulaxe, Shri. R. G Belsare, Shri. A. P. Deopare were the members. EIMC team thoroughly observes the teaching learning process and NBA work done by department and share their experience regarding NBA. At last, EIMC team gave best wishes for the NBA Accreditation.

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.

Sr. No.	Company / Industry	Location	Date	Class
1	Shri Guru Govind Singhji Airport, Nanded	Nanded	04/03/2025	Third Year
2	Konark Transformer	Washim	22/10/2024	Second, Third Year
3	FM Radio Vastgulum 90.8 FM, Washim	Washim	15/10/2025	Second, Third Year



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 4th 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 4th 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

झुंज

झुंज म्हणजे लढाई, प्रत्येकाची आणि स्वतःची...झुंज आठवणींची, आत्मसन्मानाची, मायेची, आत्मविश्वासाची, प्रत्येक क्षणाची असते झुंज... अरे, झुंज म्हणजे फक्त शत्रुशी नव्हे तर स्वतःची असते. आपल्या प्रत्येक प्रयत्नांची असते. आपल्या जिद्दीची असते. आपली दुस्यांच्या प्रती आदराची असते. समाजकल्याणाची असते झुंज... प्रेरणेची असते झुंज, स्वतःचे विचार प्रकट करण्याची असते झुंज.... माफी, हास्य, दुःख, संकट, गर्व, निष्ठा, प्रतियोगिता यांची असते झुंज... झुंज देणे चा खरा अर्थ म्हणजे प्रेरणा देणे, प्रोत्साहन करणे आणि झुंज करणे म्हणजे लढाई करणे होय. यात भरपूर असा फरक आहे.. होय ना.....

आपण कष्ट केलेच नाही तर, आपल्याला खायला काय मिळणार? पोटाला अन्नाची गरज असते न तशी माणसाला झुंज देण्याची गरज असते आणि हेही घरी बसल्यावर होत नाही! कितीही श्रीमंत व्यक्ती असो त्याला स्वतःचे म्हणणे दुसऱ्या पर्यंत पोहचण्यासाठी झुंज द्यावी लागते. आपले यश प्राप्त करण्याची गरज असते. तेव्हाच हे यश प्राप्त होतं.

म्हणून झुंज द्या पण प्रेमाची, लढाईची नाही. स्वतःसाठी आणि दुसऱ्यांच्या आपल्या बदल असलेल्या विश्वासापोटी...

जिंदगी

जिंदा रहने का ख्याब तेरा एक दिन वही मर गया,
अपनेही जब सवाल उठाए तो जिंदगीका पहया हल गया...

तुझे आगे बढ़ना है हर ख्वाइश सफल करनी है,
युही डर कर मत रहना तुझे मंजिल से आगे निकलना है...

सारे दुःख को चूर कर जिंदगीका पहया बदलना है,
डर को दूर भगाकर अपनी पहचान बनानी है...

जफ पुरे होंगे सपने तेरे ना रहेगी कभी नाराजगी,
उड़ते हुये पंखों को फैलकर करना सफर बोलना फिर क्या
थी ये जिंदगी...

आयेंगे लाख रोकने वाले पर तु मत कभी रुकना,
दिन रात एक कर बस अपने सपना में व्यस्त रहना..

विठू माऊली

विठू माझा सावळा उभा विटेवरी,
आषाढीच्या सणाला धावला भक्तांपरी..

संसार साय तुझ्यात गुंतला,
तुझ्यात आहे आसमंत रंगला...

ध्यान भजनात गुंग झाले भक्तगण,
आनंदाने सजला हा आषाढीचा सण...

रिंगण खेळता विठू तुझ्या दारी,
तू ही पाहिली ना ही गर्दी सारी...

पंढरीस येण्याचा ध्यास सर्वास लागला,
विठू तुझ्या दारी हा सोहळा सजला....



कु. प्रणाली ओमप्रकाश चौधरी

(अणुविद्युत व दूरसंचार अभियांत्रिकी)

तृतीय वर्ष



A posthumous eye donation pledge is a voluntary promise made by an individual to donate their eyes after death

Thank You

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