

About DTE :

The Directorate of Technical Education in Maharashtra, has been established to ensure that technical institutions catering to Engineering, Architecture, Pharmacy and Hotel Management of Maharashtra confirm with the policies, rules, guidelines and strategies formulated by the Central and State Governments.

About Institute :

Govt. Polytechnic Washim, one of the premier institutes of Govt. of Maharashtra in Amravati region is established in 1982. In a very short span of time period, institute has made rapid progress and today it is a full-fledge Govt. Polytechnic with multifarious activities under its umbrella. The institute offers six diploma courses viz. Automobile engineering, Civil engineering, Electrical Engineering, Electronics & Telecom., Information technology & Mechanical engineering. Out of six program ME, CE and IF are accredited by NBA.

About Department :

Electronics & Telecommunication Department was established in 1995, is instrumental in molding the careers of students and helping them to become world-class professionals. The department have qualified teaching and assisting staff, well equipped laboratories. Vision of the department is to be the best in Engineering (Diploma) education in Electronics & Telecommunication Engineering.

Patrons

Dr. Vinod Mohitkar

Director, Directorate of Technical Education,
M.S. Mumbai

Dr. Pramod A Naik

Director MSBTE, Mumbai

Dr. Sunil Bhamare

Joint Director, DTE, M.S. Mumbai

Shri. M M Andhare

Joint Director, DTE RO Amravati

Chief Coordinator

Dr. B G Gawalwad

Principal
Govt. Polytechnic Washim

Programme Coordinator

Mr. F B Tanurkar

Lecturer, Govt. Polytechnic Washim
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Advisory Committee

Dr. N V Raut, HOD CE
Mrs. V S Paikine, I/c Hod EE
Mr. U A Bagade, I/c Hod IF
Dr. R N Jarudkar, I/c Hod AE
Mr. A R Pawar, I/c Hod ME

Organizing Committee

Mrs. P P Morey, Lect. In EJ - 9822929515
Mrs. S S Jayade, Lect. In EJ - 8007521521
Mr. S M Shelke, Lect. In EJ - 9922897164
Mr. R G Takwale, Lect. In EJ - 9503454881
Mrs. P R Pawar, Lect. In EJ - 9420957195
Shri. J N Patil, Instructor - 9960418041



One Week Faculty Development Programme On

**“Recent Advancement in IoT
- Industry Perspective”**

During
05-09 Jan 2026

Approved & Sponsored By

Directorate of Technical Education
Maharashtra State, Mumbai



Organized By

Dept. Of Electronics & Telecomm. Engg.

Government Polytechnic Washim

Risod Road, Lakhala Washim 444505

<https://www.gpwashim.edu.in/>

Course Objectives :

- To provide foundational knowledge in embedded systems, focusing on C prog. and microcontroller like ARIES, Wi-Fi MOTE & STM 32.
- To gain hands on experience with hardware software integration and sensor interfacing.
- To improve faculty's ability in IOT and IIOT concepts, protocols and practical applications.

Course Content :

- IOT concepts, architecture, IoT comm. Protocol : MQTT, CoAP & HTTP.
- Industrial IoT and its application.
- Basic C & Embedded C
- India's first indigenous microcontroller based on RISC-V: ARIES Vega processor development kit.
- Integrated Development Environment.
- Blynk Cloud for understanding of web-based applications for data visualization & dashboard designs for IoT solutions.
- Swadeshi Wi-Fi MOTE microcontroller based on RISC-V architecture.
- Installation & configuration of Code Composer Studio and CCS Uniflash Development tools.
- Advanced sensor module integration using Wi-Fi MOTE
- STM2 microcontroller based on ARM Cortex-M4 core
- Wi-Fi MOTE platform.
- Installation & configuration of STM32CubeIDE & STM32CubeMX IDE

Important Dates :

Last date of receipt of application : 26 Dec, 2025

Confirmation of selection by mail : 29 Dec, 2025

Eligibility of Participation :

Faculty members from Government Polytechnics in Maharashtra with any of the following discipline will be eligible for the participation in the FDP -

- ◆ Electronics & Telecommunication
- ◆ Computer Engineering
- ◆ Information Technology
- ◆ Electrical Engineering
- ◆ Mechanical Engineering

Accommodation & TA/DA

Accommodation will be made available for outstation participants on first come first serve basis. TA/DA will be paid as per DTE norms.

Registration Fee :

No Registration fee

How to Apply :

Interested faculty members should apply by submitting information in the Google form and uploading signed copy of registration form.

Link : <https://forms.gle/biZLfMNAvnwvfcpx5>

Max. No. of Participants - 25 (Twenty Five)

Mode of Delivery - Offline (Classroom)

Registration Form

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**"Recent Advancement in IoT-
Industry Perspective**
(05 - 09 Jan. 2026)

Organized by
Electronics & Telecomm. Engg. Dept.
Government Polytechnic, Washim

Name _____

Designation _____

Department _____

Institution _____

Edu. Qualification _____

Experience (Teaching/Industrial) _____

Contact No _____

Email Id _____

Accommodation Required : YES/NO

Date : _____ Signature of Applicant

CERTIFICATE

This is certified that the faculty members (details as mentioned above) is a regular faculty on the establishment of the institute. (S) He will be deputed for the said programme if selected.

Signature and seal of Head of Institute