

OUR RECRUITERS & INDUSTRIAL PARTNERS



- Facilities**
- ❖ Two Boys Hostels with intake 200
 - ❖ Two Girls Hostels with intake 110
 - ❖ Trainee Hostel for Staff & Trainee
 - ❖ Central Library with more than 47000 books & 25 periodicals
 - ❖ Canteen & Co-operative stores facility
 - ❖ Auditorium & Gymkhana hall
 - ❖ Internet facility for all



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GOVERNMENT POLYTECHNIC, AURANGABAD

(An Autonomous Institute of Govt. of Maharashtra)



Civil Engineering

Electrical Engineering

Computer Engineering

Automobile Engineering

Mechanical Engineering

Information Technology

Dress Designing & Garment Mfg.

Electronics & Tele. Engineering

Journey of Excellence since 1955



03-01-2019

Pursuit For Excellence...

Government Polytechnic, Aurangabad is one of the premier technical institute in the state of Maharashtra, established in the year 1955. The Government of Maharashtra has granted academic autonomy to this institute in 1994. The institute is a recipient of Best Polytechnic Award in 1996-97.

The institute has developed strong links with various industries, academic & research institutes. The institution is an enthusiastic aspirant for total autonomous status, with the intension of catering to the needs of industries & society in a better way. Outcome based curriculum (OBE) is introduced to provide more skills in diploma technicians since academic year 2017-18.

The institute is equipped with an excellent infrastructure that includes a huge green campus, laboratories, workshop, computer centers, library, sports facilities, play ground, conference and gymkhana hall, staff development cell, examination cell and training & placement cell.

Vision

"To be the internationally accredited institute that contributes in the development of competent professionals & entrepreneurs on the platform of technology based systems, blended learning and training for highly qualified and trained staff

Mission

"To educate and train the students for 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 student's, successful employment and entrepreneurship with a spirit of patriotism & concern for environment"



GOVERNMENT POLYTECHNIC, AURANGABAD INTAKE CAPACITY					
Sr. No.	Name of Programme	Year of Est.	Intake (Reg. shift)	Intake (Second shift)	Total Intake
1	Civil Engineering	1955	60	60	120
2	Mechanical Engineering	1955	90	60	150
3	Electrical Engineering	1955	60	60	120
4	Electronics and Telecommunication Engineering	2001	120	--	120
5	Dress Designing and Garment Manufacturing	1992	30	--	30
6	Information Technology	2001	60	--	60
7	Computer Engineering	2008	30	--	30
8	Automobile Engineering	2008	30	--	30
			Total Intake		660
9	Civil Engineering Part Time	1976	30	--	30
10	Mechanical Engineering Part Time	1976	30	--	30
			Total Intake		60

Co Curricular Activities



- ❖ Industrial Expert Lectures
- ❖ Industrial Visits
- ❖ Participations in Seminars/workshop.
- ❖ Institute of Engineer's (India) student's chapter.
- ❖ Non-Exam Credit courses such as Spoken English, Yoga, 2-wheeler maintenance; Russian Language, etc. are introduced to provide additional competencies / skills in related areas among the students.
- ❖ Organize national level conference on "Emerging trends in Technical Education"

Extra Curricular Activities

- ❖ Zonal Level Sports Events
- ❖ Annual Social Gathering

Facilities

- ❖ Two Boys Hostel with intake capacity of 200
- ❖ Two Girls Hostel with intake capacity of 110
- ❖ Independent Trainee Hostel for Staff and Faculty
- ❖ Fully computerized Central Library
- ❖ More than 44000 books & 25 Periodicals
- ❖ Canteen Facility for students and staff
- ❖ Well-equipped Auditorium of 600 Capacity
- ❖ Internet Facility for All.



Examination Cell

- ❖ The Polytechnic has been accorded an academic autonomy and is being implemented since 1994-95.
- ❖ Examination cell is constituted to conduct examination and co-ordinate related activities viz:- Maintaining student record, declare result.
- ❖ Flexibility in program is offered to help in making outgoing students of the polytechnic more useful to the industries, society and in promoting self-employment as career option.
- ❖ Multipoint entry and credit system is implemented, with admits the diploma student at different levels.

Workshop

- ❖ Workshop plays a very important role in providing learning environment and facilities for enabling diploma student to acquire psychomotor skills.
- ❖ Workshop has a total built up area of 1194 sq. m. It has 9 Main shops. It is equipped with modern and sophisticated equipments and machines.
- ❖ CNC Trainer and Flexible Manufacturing System are the unique
- ❖ Sophisticated Machines installed in the workshop.

Training & Placement Cell

This cell arranges and co-ordinate training programs and placement for students. TPO cell helps and prepares students to grab good opportunity made available to him/her. The cell has very good liason with industries in and around Aurangabad/Maharashtra. Maximum passout students prefer for higher education.

Training & placement cell also involved in the activities like student implant training, student preparation for interviews & polytechnic education awareness in schools.



Sr. No.	Name of Department	Intake	No. of Students selected		
			2016-17	2017-18	2018-19
1	Civil Engg	120	10	02	09
2	Mechanical Engg	150	20	71	50
3	Electrical Engg	120	06	20	17
4	Electronics & Tele. Engg	120	04	--	08
5	Computer Engg. & Information Technology	30+60	--	02	01
6	Automobile Engg	30	05	11	09
7	Dress Design & Garment Mfg.	30	--	03	06
	Total Placement	--	45	109	100

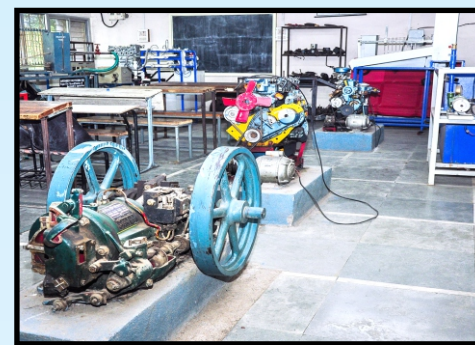
Civil Engineering

- ❖ Civil Engineering Department has started its journey in 1995 with intake of regular shift of 60 and second shift intake of 60 started from year 2010.
- ❖ Civil Engineering Department is having two HODs and 10 experienced and well qualified faculty 2 laboratory assistants, one curator and 2 peons.
- ❖ Civil Engineering Department is facilitated with laboratories like Hydraulics laboratory, Environmental Engineering laboratory, Surveying laboratory, Model room, Transportation laboratory, Computer laboratory with new equipment's and machineries. Departments having seminar hall with AV aids and library.
- ❖ Civil Engineering department successfully conducting In-plant Training of 4 weeks duration from year 2012 for regular and second shift students.
- ❖ Each year students participated and won various prizes in Paper Presentation, Quiz competition, DIPEX etc. under National & State level competitions held by MSBTE and other Institutes.
- ❖ Civil Engineering Department is engaged in consultancy like Third Party Technical Audit, Wate testing, Survey works for the Aurangabad region. Revenue generated by Civil department every year.
- ❖ Civil engineering Department is working as a coordinator for UNNAT MAHARASHTRA ABHIYAN a joint activity of Director higher and technical education and Government of Maharashtra. Five faculties from department has successfully completed NPTEL online courses.
- ❖ Department has organized State level MSBTE paper presentation competition for students in September 2017 and one week STTP for faculty sponsored by Director of technical education in January 2019.



Mechanical Engineering

- ❖ Mechanical Engineering Department has started its journey in 1955 with intake of regular shift of 60 seats (currently 90 seats) and second shift intake of 60 started from year 2010.
- ❖ Previously accredited by NBA, New Delhi for 5 Years.
- ❖ Focused teaching learning through classroom/lab/industrial visit/expert lectures
- ❖ Excellent team work with a highly qualified, rich in experience and Enthusiasm
- ❖ Well Equipped Laboratories like Metrology & Quality Control, Refrigeration & Air Conditioning, IC Engine, CNC machines, Industrial fluid, etc.
- ❖ Well Equipped CAD centers & having modern software Such Ideas, Solidworks, Mechanical Desktop, Auto CAD, etc.
- ❖ Department has organized FDTP staff training in Jan 2019 and TECHNOSAV competition in 2019 for all students of this institute
- ❖ MoU with 3 important industry partners
- ❖ Good liason with Alumni & industry people
- ❖ Good learning facilities through ADAM center, YTS & IAME
- ❖ Highly effective programs for student development



Computer Engineering & Information Technology

- ❖ Qualified, trained, energetic and dedicated faculty and staff.
- ❖ Best - in - class infrastructure and computing facilities.
- ❖ Motivation to student with immense expertise
- ❖ Best technical exposure and creative initiative.
- ❖ Industrial visits to various renowned companies to pave way for the students to get exposed to varied atmosphere.
- ❖ In-plant-trainings to impart practical knowledge to the students.
- ❖ Conduction of all institute level online exams and Social activities through student association such as orphange visit, tree plantation and cleanliness drive.
- ❖ Young & dynamic teaching & supporting staff



Science Department

- ❖ Highly qualified, rich in experience qualified staff.
- ❖ Well equipped laboratories.
- ❖ Separate laboratories for physics, checistry and language.
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- ❖ Separate laboratories for physics, chemistry and language.
- ❖ Three staff members awarded Ph.D. and published papers in national and international journals.
- ❖ Staff activity involved in different portfolios of institute



Mechanics

Dress Designing & Garment Manufacturing

- ❖ Year of starting 1992
- ❖ Intake capacity-Regular-30 (for only girls)
- ❖ Fully equipped laboratories like Drafting, Designing, Machine lab, Class room.
- ❖ Well-equipped CAD lab having modern software's such as Adobe-Illustrator, Rich -piece, Photoshop, Corel.
- ❖ Activities of Department- Expert Lectures & workshops, Industrial Visits, In plant training, Sale cum Exhibition, Social activity, Learn & earn, Competitions, Fashion Show, Custom base orders, Industry Project.
- ❖ After completion of diploma, girls can build their career as Entrepreneur, Dress Designer, Production Manager, Quality Supervisor, Fashion Merchandiser/ Assistant merchandiser, Visual Merchandiser, Fashion Consultant, Kids/ Men's / Women's wear Designer, Boutique Manager, Secondary Process Supervisor (Value addition), Graphic Design.



Electrical Engineering

- ❖ Electrical Engineering Department started in 1955 with intake of 60 and now has second shift intake of 60 seats.
- ❖ Previously accredited by NBA, New Delhi for 3 years.
- ❖ All laboratories are equipped with modern equipments.
- ❖ Qualified regular HODs and experienced and well qualified faculty.
- ❖ Successfully conducted state level MSBTE sponsored FDTP.
- ❖ Substantial participation of students in paper presentation, quiz competition, DIPEX etc with good success rate.
- ❖ Department is working as a coordinator for "Unnat Bharat Abhiyaan" and adopted five villages under MHRD.
- ❖ Two faculties from department have successfully completed NPTEL online courses & Department is active member of CMIA energy cell.
- ❖ Departmental Library facility available.
- ❖ Two faculty from department have been awarded Ph.D.



Applied Mechanics

- ❖ Applied Mechanics Department offers teaching services to Civil, Mechanical & Automobile Engineering Departments.
- ❖ Department has qualified and experienced faculties.
- ❖ Well equipped laboratories like Applied Mechanics, Strength of materials, Concrete technology, CAD, Soil Engineering.
- ❖ Department offers construction material testing & consultancy services to the construction industry.
- ❖ Theoretical inputs are strengthened by field & site visits.



Electronics & Telecommunication Engineering

BEST LABORATORY AWARD

Department Won the state level prize of "Best Laboratory Practices - 2018" (Rs.50,000) for communication Lab.

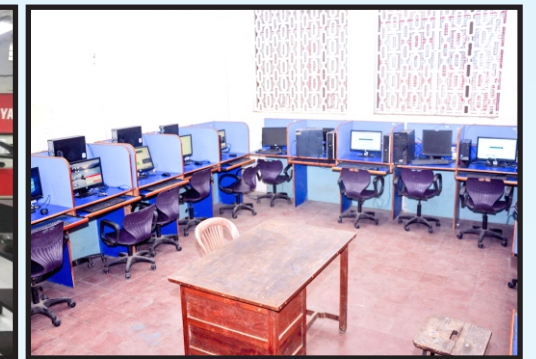


ICT BASED ARDUINO WORKSHOP FOR POLYTECHNIC FACULTY OF AURANGABAD REGION (08 JULY 2019)



- ❖ Department has 120 Intake.
- ❖ Highly qualified and well experienced staff is the strength of Electronics Department.
- ❖ Electronics Department has history of Excellent academic result.
- ❖ Department conducts various extra curricular and co-curricular activities for overall development of students.
- ❖ Department always motivate and encourage the student to participate in various State and National Level competitions, viz Paper presentation, Project Competition, Poster Competition and sport events.
- ❖ Department has started Government Authorised Auto-Riksha Meter testing center and generating IRG through it.
- ❖ Department has also proposed- Electronic equipment Service center
- ❖ Modular Courses on PLC & PCB designing for Industrial Persons.
- ❖ Departmental Library facility available for the students.
- ❖ Department has Seven well equipped Laboratory costing more than Rs. Two Crore.
- ❖ Best in class & laboratory practices and utmost care for students.

Automobile Engineering



- ❖ Department of Automobile Engineering Established in 2009 as per AICTE approval with 30 intake capacity.
- ❖ From 2017 Department has revised the curriculum as per the Modern Automobile industrial requirements i.e. 6th Revised Curriculum.
- ❖ From 2017 in 6th Revised Curriculum revision Department has introduced a course to aware the student with industrial practices and technology i.e. Industrial Training. Under this course student has to complete entire one semester industrial training in automotive Industry.
- ❖ Department Believes with the Tag Line "We Pursue Relevant Education"
- ❖ Well-equipped laboratories such as Automobile Engine Laboratory, Automobile System Laboratory, Two Wheeler Laboratory, Transmission Laboratory, Auto Electrical and Electronics Laboratory, Computer Laboratory, Bicycle Laboratory, Auto Body Laboratory, Motor Driving Laboratory.
- ❖ Department has strong liaison with automobile manufacturing and service industry.
- ❖ Department having a MOU with Yamaha since 2014 in the form of Yamaha Training School to share Modern Two Wheeler Technology.

