

# Tilak Maharashtra Vidyapeeth

Eligibility Criteria for XII Science with **Technical / Vocational** Subjects for direct admission to 2nd Year (3rd Semester) of **Diploma In Engineering** courses from the Academic Year 2012-13

**Eligibility: HSC Pass with Technical / Vocational subjects with 50 % marks**

<b>Student admitted to direct Second Year diploma after HSC Science &amp; Following Technical/Vocational Subject (As per admission Rules of DTE)</b>	<b>Eligibility for direct admission to the second year diploma course</b>	<b>Bridge subject of the first semester diploma to be passed.</b>	<b>Bridge subject of the second semester diploma to be passed .</b>
H.S.C. (Tech.) with Engg. Drawing & Work-shop Technology	Computer Engg. Group	NO BRIDGE SUBJECT	1) Programming in 'C' (CO2005) 2) Web Page Designing (CO2006)
Electronics (C-2)	Computer Engg. Group	NO BRIDGE SUBJECT	1) Programming in 'C' (CO2005) 2) Web Page Designing (CO2006)
Computer Science (D-9)	Computer Engg. Group	NO BRIDGE SUBJECT	1)Electrical Technology (CO2004)
Mechanical Maintenance (A-2)	Mechanical Engg. Group	NO BRIDGE SUBJECT	NO BRIDGE SUBJECT
Scooter & Motor Cycle Servicing (A-3)	Mechanical Engg. Group	NO BRIDGE SUBJECT	NO BRIDGE SUBJECT
H.S.C. (Tech.) with Engg. Drawing & Work-shop Technology	Electronics Engg..	1. Basic workshop practice (1005)	1.Electronics Materials & Components (ET2004)
Electronics	Electronics Engg. Group	1.Engineering Graphics(1005)	1.Electronics Materials & Components (ET2004)
Computer Science	Electronics Engg. Group	1.Engineering Graphics (1005) 2.Basic workshop practice(1007)	1.Electronics Materials & Components (ET2004)

## Tilak Maharashtra Vidyapeeth

Eligibility Criteria for the direct admission to 2nd Year (3rd Semester) of **Diploma In Mechanical Engineering** courses from the Academic Year 2012-13

- 1) Modules completed with Average 50% Marks
- 2) Duration of Three Modules - 2 Years

### *Qualification Eligibility: Center of Excellence*

Diploma Programme	Name of Eligible Sectr (Duration 1 Year)	Advanced Module (6 Months)	Specialized Module		Bridge Subject	
			Under Apprenticeship Training	Not Under Apprenticeship Act	First Semester	Second Semester
Mechanical Engineering	Fabrication (F & W)	1. Tig/Mig Welding 2. Structural/Pressure Parts Fitting 3. Structural Welding 4. Pressure Vessel & Pipe Welding 5. Welding Inspection and Testing	1. TIG/MIG Welder 2. Structural Welder 3. Welder (Pipe and Pressure Vessel)	1. Structural/Pressure Parts Fitting 2. Welding Inspection and Testing	1. Mathematics I (1003) 2. Engineering Graphics (1005)	1 Mathematics II (ME 2002) 2. Applied Mechanics (ME2004)
	Production & Manufacturing	1.CNC Machining 2. CAD/CAM 3. Advanced welding 4. PLC & Automation 5. Quality Engineering 6. Manufacturing of Jigs & Fixtures 7. Tool & Die Maker (Dies & Mould	1. CNC Programmer cum Operator 2. CAD/CAM Operator cum Programmer 3. Advance Welder 4. Operator PLC System 5. Quality Assurance Assistant 6. Jigs & Fixtures Maker	1. Dies & Mould Maker		
	Automobile	1. Servicing & overhauling of Automobiles (Petrol) 2. Servicing & overhauling of Automobiles (Diesel) 3. Auto Electricals, Electronics & A/C in Automobiles 4. Denting/Penting & Welding of Automobiles	1. Mechanic Automobile (Advance Petrol Engine) 2. Mechanic Automobile (Advance Diesel Engine) 3. Mechanic Auto Electronics 4. Mechanic (Denting/Penting & Welding)	--		

Diploma Programme	Name of Eligible Sectr (Duration 1 Year)	Advanced Module (6 Months)	Specialized Module		Bridge Subject	
			Under Apprenticeship Training	Not Under Apprenticeship Act	First Semester	Second Semester
Mechanical Engineering	Refrigeration & Air Conditioning	1. Domestic, Commercial Refrigeration & Air Conditioning 2. Central Air Conditioning Plant Industrial Cooling & Package A/C 3. Cold Storage ICE Plant & ICE candy Plant	1. Mechanic(Domestic, Commercial Refrigeration & Air Conditioning) 2. Mechanic (Central Air Conditioning Plant / Industrial Cooling & Package A/C 3. Mechanic (Cold Storage / ICE Plant & ICE candy plant )	--	1. Mathematics I (1003)  2. Engineering Graphics (1005)	1. Mathematics II (ME 2002)  2. Applied Mechanics (ME2004)
	Chemical	1. Attendant operator 2. Maintenance Mechanic 3. Instrument Mechanic 4. Lab Assistance	1. Advance Mechanic (Instrument) 2. Chemical Laboratory Assistant	1. Attendant Operator in Chemical Plant 2. Mechanic Maintenance in Chemical Plant		
	Plastic Processing	1. Injection Moulding Process 2. Blow Moulding Process 3. Extrusion Process	1. Injection Moulding Machine Operator 2. Blow Moulding Machine Operator 3. Extrusion Moulding Machine Operator	1. Injection Moulding Process 2. Blow Moulding Process 3. Extrusion Process 4. P.P. Mat. Manufacturing		
	Industrial Automation	1. Electrical Maintenance Automation 2. Automation & PLC 3. Mechanical Maintenance for Automation	--	1. Electrical Maintenance Automation 2. Automation & PLC 3. Mechanical Maintenance for Automation		

Eligibility Criteria for the Center of Excellence trainees for direct admission to 2nd Year (3rd Semester) of  
**Diploma In Electronics & Telecommunication Engineering** courses from the Academic Year 2012-13

- 1) All three modules completed with Average 50% Marks
- 2) Duration of Three Modules 2Years

**Qualification Eligibility: Center of Excellence**

Diploma Programme	Name of Eligible Sector (Duration 1Yr.)	Advanced Module (6 Months)	Specialized Module		Bridge Subject	
			Under Apprenticeship Training	Not Under Apprenticeship Act	First Semester	Second Semester
Electronics & Tele Comm. Engineering	Electronics	1. Inverter UPS voltage of stabilizer & Industrial drives 2. Embedded System & PLC 3. Communication System 4. Radio, Audio, Video system & Appliances	1. Mechanic Power Electronics (Inverters, UPS, Voltage Stabilizer & Industrial Drives) 2. Mechanic (Embedded system PLC) 3. Mechanic (DTH & Other Comm. systems )	1. Radio, Audio, Video system & Appliances	1. Mathematics I (1003)	1. Mathematics I (ET2002) 2. Engineering Science (Electronics) (ET2003)
	Electrical	1. Repair & Maintains of Electrical M/C 2. Operation & Maintenance of Equipments Used in HT, LT, Substaion & Cable Jointing 3. Repair And Maintainace of Instruments Used in Electrical Engineering	1. Mechanic (Electrical Domestic Appliances) 2. Mechanic (Electrical Power Drives) 3. Mechanic (HT, LT, Equipments and cable jointing) 4. Mechanic (Repair & Maint. of instruments used in Electrical Engg.)	1. Repair & Maint. of instruments used in Electrical Engg. 2. Non conventional Power generation & battery inverter		
	Information Technology	1. Repair & Maintenance of Hardware of Computer & Peripherals 2. Computer Networking 3. Multimedia & Web page Designing	1. Computer & Peripherals Hardware Repair & Maintenance 2. Computer Networking Technician 3. Multimedia & Web page Designer	1. Advance Repair & Maint. Hardware of Computer & Peripherals 2. Advance Computer Networking Technician 3. Advance Multimedia & Web page Designer		

Diploma Programme	Name of Eligible Sector (Duration 1 Year)	Advanced Module (6 Months)	Specialized Module		Backlog Subject	
			Under Apprenticeship Training	Not Under Apprenticeship Act	First Semester	Second Semester
Electronics & Tele Comm. Engineering	Industrial Automation	1. Electrical Maintenance Automation 2. Automation & PLC 3. Mechanical Maintenance for Automation		1. Electrical Maint. Automation 2. Automation & PLC 3. Mechanical Maint. for Automation	1.MathematicsI (1003)	1.MathematicsII (ET2002) 2. Engineering Science (Electronics) (ET2003)

Eligibility Criteria for the Center of Excellence trainees for direct admission to 2nd Year (3rd Semester) of **Diploma In Computer Engineering** courses from the Academic Year 2012-13

- 1) Modules completed with Average 50% Marks
- 2) 2) Duration of Three Modules - 2 Years

***Qualification Eligibility: Center of Excellence***

Diploma Programme	Name of Eligible Sector (Duration 1 Year)	Advanced Module (6 Months)	Specialized Module		Bridge Subject	
			Under Apprenticeship Training	Not Under Apprenticeship Act	First Semester	Second Semester
Computer Engineering	1. Information Technology	1. Repair & Maintenance of H/W & peripherals 2. Computer Networking 3. Multimedia & Web Page Designing	1. Computer & Peripherals Hardware Repair & Maintenance Mechanic 2. Computer Networking Technician 3. Multimedia & Web Page Designer	1. Advance Repair & Maintenance of Hardware of Computer peripherals. 2. Advance Computer Networking 3. Advance Multimedia & Web Page Designing.	1. Mathematics-I (1003)	1. Mathematics-II (CO2002)  2. Programming in C (CO2005)
	2. Electronics	1. Inverter UPS voltage of stabilizer & Industrial drives 2. Embedded system & PLC 3. Communication System 4. Radio, Audio, Video system & Appliances	1. Mechanic Power Electronics 2. Mechanic (Embedded system PLC) 3. Mechanic (DTH & Other communication systems )	Radio, Audio, Video System & appliances		

# Tilak Maharashtra Vidyapeeth, Pune

Eligibility Criteria for 2 years ITI (CTS/ATS) and MCVC Courses for direct admission to 2nd Year (3rd Semester) of  
**Diploma In Mechanical Engineering** courses from the Academic Year 2012-13.

***Eligibility: (SSC Pass with Maths, Science & English) + (2 years duration Trade of ITI/ ATS/ MCVC Pass with 50 % marks)***

Diploma Programme	Eligible IT1 (CTS) Courses	Eligible ATS Courses	Eligible MCVC Courses	Bridge Subjects of 1st semester	Bridge Subjects of 2nd semester
Mechanical Engineering	1 Machinist Grinder 2.D1man Mech. 3. Fitter 4. Turner 5. Machinist 6. Tool & Die Maker ( J&F) 7.Tool& Die Maker ( M&D) 8. Mech. Machine Tool Maint. Mechanic Millwright Maint 9 Mechanic Ref. & Air Conditioning. 10. Operator Adv. Machine Tool. 11 .Marine fitter. 12.Lift Mechanic. 13. Mechanic Mechatronics 14. Mechanic Motor Vehicle	1. Pump Operator Cum Mech. 2. Machinist Grinder 3 D'rman Mech. 4. Fitter 5. Turner 6. Machinist 7. Tool & Die Maker ( J&F) 8.Tool& Die Maker ( M&D) 9. Mech. Machine Tool Maintl Mechanic Millwright Maint. 10.Mechanic Ref. & Air conditioning 11.Stearn Turbine cum auxiliary Plant Operator 12. Mechanic (Dairy Maint.) 13. Mat. Handling Equip. Mechanic cum Op. 14. Operator cum Mechanic (power plant) 15. Operator Adv. Machine Tool 16. Mechanic (Agri. Machinery) 17. Maint. Mechanic (Chem. Plant) 18. Mechanic (earth moving. Machinery) 19. Mechanic Maint. (Textile Machinery) 20. Mechanic (Mining. Machinery) 21. Pipe Fitter 22. Mech. Motor Vehicle 23. Mech. Diesel 24. Driver Cum Fitter 25. Auto Mech. 213 Wheeler 26. Mech. Marine Diesel 27. Construction Machinery cum Operator 28. Auto Electrician 29. Mechanic Advance Machine tool Maint.	1. Mechanical Technology (K4/K5/K6)  2. Auto Engineering Technician (K I/K2/K3)	1.Mathematics I (1003) 2. Computer Fundamentals (1006) 3.Engineering Graphics (1005)	1.Mathematics II (ME2002) 2.Applied Mechanics. (ME2004)

## Tilak Maharashtra Vidyapeeth, Pune

Eligibility Criteria for 2 years ITI (CTS/ATS) and MCVC Courses for direct admission to 2nd Year (3rd Semester) of **Diploma In Computer Engineering** courses from the Academic Year 2012-13.

**Eligibility:** *(SSC Pass with Maths, Science & English) + (2 years duration Trade of ITI/ ATS/ MCVC Pass with 50 % marks)*

Diploma Programme	Eligible ITI (CTS) Courses	Eligible ATS Courses	Eligible MCVC Courses	Bridge Subject	
				First Semester	Second Semester
Computer Engineering	1. Mech Computer Hardware  2. Info Tech and Electronic System Maintenance	1. Data Preparation & Computer Software  2. Programming & System Administration Assistant with pass in XII th Science (Physics, Maths & Chemistry)  3. Info Tech and Electronic System Maintenance	1. Computer Techniques (X1/X2/X3)  2. Multimedia Internet Technology	1. Basic Physics (1001)	1) English II (CO2001) 2) Mathematics II (CO2002) 3) Web Page Designing (CO2006)



## Tilak Maharashtra Vidyapeeth, Pune

Eligibility Criteria for 2 years ITI (CTS/ATS) and MCVC Courses for direct admission to 2nd Year (3rd Semester) of **Diploma In Electronics & Telecommunication Engineering** courses from the Academic Year 2012-13.

**Eligibility:- (S.S.C. Pass with Maths, Science & English) + (2 Years Duration - Trade of ITI/ATS/MCVC Pass with 50% marks)**

Sr. No	Diploma Programme	Eligible ITI (CTS) Courses	Eligible ATS Courses	Eligible MCVC Courses	Bridge Subject	
					First Semester	Second Semester
1.	Electronics & Telecom Engg.	1. Electronic Mechanic 2. Mechanic Consumer Electronics 3. Mechanic. Cum Operator Electronic Communication System 4. Mechanic Radio & TV 5. Info. Tech. & Electronic System Maintenance 6. Mechanic Industrial Electronics 7. Instrument Mechanic 8. Instrument Mechanic (Chemical Plant)	1. Electronic Mech. 2. Mechanic Radio & Radar Air Craft 3. Mechanic Television (Video) 4. Info. Tech. & Electronic system Maintenance 5. Instrument Mechanic 6. Instrument Mechanic (Chemical Plant)	1. Electronics Technology (J1/J2/J3)	1. Mathematics-I (1003)	1. Mathematicp-II (ET2002) 2. Engineering Science (Electronics) (ET2003)