













**CITS Syllabi Engineering Trades(Trade Theory and Trade Practical) revised w.e.f. August, 2014**



ENGINEERING TRADES					
Sl.No.	Name of the Trade	Duration	Entry Qualification	Name of the Sector	Revised during the year
1	2	3	4	5	6
1.	Architectural Assistantship 389.43 KB	1 Year (Two semesters)	NTC / NAC in Architectural Draughtsmanship OR Architectural Assistantship or 3 years Diploma in Architecture from recognized;board of Technical education	Construction, Construction Material and Real Estate	2014
2.	Carpenter 885.36 KB	1 Year (Two semesters)	Diploma/Degree in Mechanical/Production / Industrial Engineering from AICTE recognized Board / University. OR National Trade / Apprenticeship Certificate in the Carpenter trade	Construction, Construction Material and Real Estate	2014
3.	Computer Hardware and Networking Maintenance (CHNM) 1.12 MB (IT&ESM) 1.12 MB Old name	1 Year (Two semesters)	Degree in Engineering in Computer Science / IT/Electronics / NIELIT "B" or Three years Diploma in Computer Science / IT/Electronics OR NTC/NAC in Information Technology/ Information and Communication Technology Maintenance/Computer Hardware and Networking Maintenance	IT and ITES	2014
4.	Computer Software Application 546.48 KB (New Trade)	1 Year (Two semesters)	NTC/NAC in Computer operator programming Assistant/DBSA OR Degree in Engineering in Computer Science/ Information Technology OR MCA/MSc (Computer Science Computer / Information Technology) NIELIT "B" or equivalent OR Diploma in	IT and ITES	2014

			engineering in Computer Science/Information Technology OR BCA/BSc (Computer Science/Information Technology) OR equivalent.		
5.	<a href="#">Draughtsman (Mech)</a>  784.09 KB	1 Year (Two semesters)	Diploma/Degree in Mechanical/Production Engineering from AICTE recognized Board / University. OR National Trade Certificate in the Draughtsman (Mechanical) trade OR National Apprenticeship Certificate in the Draughtsman (Mechanical) trade	Production and Manufacturing	2014
6.	<a href="#">Draughtsman (Civil)</a>  686.07 KB	1 Year (Two semesters)	Diploma/Degree in Civil or relevant Engineering from AICTE recognized Board / University. OR National Trade / Apprenticeship Certificate in the Draughtsman Civil / Surveyor trade	Construction, Construction Material and Real Estate	2014
7.	<a href="#">Dress Making</a>  570.13 KB	1 Year (Two semesters)	One year NTC/NAC (NCVT) certificate in Dress Making or Degree /Diploma (minimum 2 years duration ) in Costume Designing Dress Making /Fashion Designing /Fashion Technology/ Apparel Technology / Garment Fabrication Technology approved by AICTE	Textile and Apparel	2014
8.	<a href="#">Desktop Publishing Operator</a>  452.03 KB	1 Year (Two semesters)	Degree/Diploma in Computer Science/Information Technology/ Printing Technology from any AICTE recognized Institute/University/Board OR National Trade Certificate in the DTPO OR National Apprenticeship Certificate in the DTPO	IT and ITES	2014
9.	<a href="#">Electrician &amp; Wireman</a>  667.72 KB	1 Year (Two semesters)	NTC/NAC passed in Electrician/Wireman OR Diploma/Degree in Electrical / Electrical & Electronics	Power Generation, Transmission, Distribution, wiring & Electrical Equipment	2014

			Engineering		
10.	Electronics Mechanic  530.58 KB	1 Year (Two semesters)	(a) Possessing National Trade Certificate in the relevant Trade. OR (b) Possessing National Apprenticeship Certificate in the relevant trade OR (c) Possessing Diploma /Degree in relevant branch of Engineering	Electronics and Hardware	2014
11.	Fashion Design and Technology (Old name Fashion Technology)  815.46 KB	1 Year (Two semesters)	One Year NTC/NAC (NCVT) certificate in Fashion Technology / Fashion Designing and Technology or Degree / Diploma (Minimum 2 years duration) in Fashion Technology/ Fashion Design and Technology approved by AICTE	Textile and Apparel	2014
12.	Fitter  843.65 KB	1 Year (Two semesters)	Diploma/Degree in Mechanical/Production Engineering from AICTE recognized Board / University OR National Trade Certificate in the FITTER trade OR National Apprenticeship Certificate in the FITTER trade.	Production and Manufacturing	2014
13.	Foundry man  472.77 KB	1 Year (Two semesters)	Diploma/Degree in Mechanical/Production Engineering from AICTE recognized Board / University/ Advance Diploma in Foundry Technology form recognized University. OR NTC/NAC in the Foundry man trade	Production and Manufacturing	2014
14.	Mechanic Refrigeration & Air- Conditioning  807.39 KB	1 Year (Two semesters)	NTC / NAC in Refrigeration & Air-Conditioning Mechanic trade Or 3 years Diploma in Refrigeration & Air-Conditioning from recognized board of Technical education	Construction, Construction Material and Real Estate	2014
15.	Mechanic Motor Vehicle  484.5 KB	1 Year (Two semesters)	NTC& NAC in Diesel Mechanic Trade OR Diploma/Degree In Mechanical / Automobile Valid MCWG & LMV driving License Mandatory for all	Automobile	2014

16.	Mechanic Diesel  487.25 KB	1 Year (Two semesters)	NTC & NAC in Diesel Mechanic Trade OR Diploma/Degree In Mechanical / Automobile Valid MCWG & LMV driving License Mandatory for all	Automobile	2014
17.	Mechanic Tractor  433.31 KB	1 Year (Two semesters)	NTC & NAC in Mechanic Tractor Trade with One Year of Experience In Industry/Teaching In Concerned Trade. Or Diploma/Degree in Agricultural Engg. / Automobile Valid MCWG & LMV driving License Mandatory for all	Automobile	2014
18.	Mechanic Machine Tool Maintenance (MMTM)  768.75 KB	1 Year (Two semesters)	Diploma/Degree in Mechanical/Production Engineering from AICTE recognized Board / University. OR National Trade Certificate in the Mechanic Machine Tool Maintenance trade OR National Apprenticeship Certificate in the Mechanic Machine Tool Maintenance trade	Production and Manufacturing	2014
19.	Machinist (Grinder)  954.98 KB	1 Year (Two semesters)	Diploma/Degree in Mechanical/Production Engineering from AICTE recognized Board / University. OR NTC/NAC in the Machinist Grinder trade	Production and Manufacturing	2014
20.	Machinist & Operator Advance Machine Tool  749.51 KB	1 Year (Two semesters)	Diploma/Degree in Mechanical/Production Engineering from AICTE recognized Board / University. OR NTC/NAC in the Machinist/ Operator Adv. Machine Tool trade	Production and Manufacturing	2014
21.	Plumber  816.05 KB	1 Year (Two semesters)	NTC /NAC in the Plumber trade OR Diploma / Degree in Mechanical or Civil Engineering from AICTE recognized Board / University	Construction, Construction Material and Real Estate	2014
22.	Reading of Drawing and Arithmetic  665.16 KB	1 Year (Two semesters)	Diploma/Degree in Mechanical/Production / Industrial Engineering from AICTE recognized Board / University.	Construction, Construction Material and Real Estate	2014

			OR National Trade / Apprenticeship Certificate in the relevant trade		
23.	Sheet Metal Worker  479.05 KB	1 Year (Two semesters)	Diploma/Degree in Mechanical/Production/ Metallurgy / Mechatronics Engineering from AICTE recognized Board / University. OR National Trade Certificate in the relevant trade OR National Apprenticeship Certificate in the relevant trade	Fabrication	2014
24.	Surveyor  711.45 KB	1 Year (Two semesters)	(a) NTC / NAC in the trade of Surveyor OR (b) Diploma or Degree in the relevant branch of Engineering from recognized board or University	Construction, Construction Material and Real Estate	2014
25.	Turner  497.92 KB	1 Year (Two semesters)	Diploma/Degree in Mechanical/Production Engineering from AICTE recognized Board / University OR NTC/NAC in Turner trade	Production and Manufacturing	2014
26.	Tool & Die Maker  967.39 KB	1 Year (Two semesters)	Diploma/Degree in Mechanical/Production Engineering from AICTE recognized Board / University. OR NTC/ NAC in the Tool & Die Maker (Press Tool, Jigs & Fixture)/ TDM (Dies &Moulds) trade	Production and Manufacturing	2014
27.	Welder  445.23 KB	1 Year (Two semesters)	Diploma/Degree in Mechanical/Production/ Metallurgy / Mechatronics Engineering from AICTE recognized Board / University. OR National Trade Certificate in the relevant trade OR National Apprenticeship Certificate in the relevant trade	Fabrication	2014