

Diploma Courses offered in Polytechnics:

The various diploma courses in Engineering offered through POLYCET in the Polytechnics, Course duration and the area of employment as envisaged for placements as Technicians and Technical Supervisors as well as possible areas for continuing education are given below.

S.	Name of the	Possible Areas of Employment	Possible areas of continuing education
1	2	3	4
	Courses of 3Years Duration (for Both AP & TS)		
1	Civil Engineering	In Government Departments and Private Organizations dealing with Irrigation, Public Health, Roads, Railways, Building, Survey, Drawing, Water supply etc. Self-employment as Contractors & Draftsmen in the above areas	B.Tech.-Civil Engineering, Civil Environmental Engineering
2	Architectural Assistantship.	In Design and Drawing Departments, Self- employment as Draftsmen in Architecture. Licensed Designer in Municipal Offices	B.Arch.
3	Mechanical Engineering	In Public Sector undertaking, Govt. Departments and Private Workshops and Garages dealing with Machinery, Transport, Production Units, Sales etc., Self-employment in Ancillary Units and Sales in Mech. Engg. field.	B. Tech.-Mechanical Engineering, Industrial Production Engineering, Automobile Engineering, Aeronautical Engineering, Aerospace Engineering, Mechanical Marine Engineering, Mechatronics
4	Automobile Engineering	APSRTC, Transport sections attached to various supervisory Company Automobile show rooms. Organizations, Road Transport Authority etc., Self- employment in Servicing of Automobiles.	B.Tech.-Electrical and Electronics Engineering
5	Electrical & Electronics Engg.	APGENCO, APTRANSCO, DCL's Electrical Contractors, maintenance Staff in Departments and Industries, Self-employment as Electric Technicians and Winders Wiring consultancy.	B.Tech.-Electronics and Communication Engineering, Electronics and Telematics, Electronics and Telecommunication Engg.
6	Electronics & Communication Engineering	AIR, DD, Communications, Electronic Industries etc., Self-employment in maintenance & Servicing of Radios, TV etc., Self-employment in Sales & Services	Applied Electronics and Instrumentation Engineering, Instrumentation Engineering, Instrumentation/Technology, Electronics & Instrumentation Engineering, Electronics and communication Engineering, Instrumentation and control engg.
7	Applied Electronics & Instrumentation	Process Industries and Electronic Industries, Pharmaceutical industries etc., Self-employment in sales & servicing of Electronic instruments.	B.Tech-Computer Science Engineering, Computer Science and Systems Engineering, Electronics and Computer Engineering, Information Technology
8	Computer Engineering	Computer Maintenance, Software Development, Computer Training etc., Self- employment in Sales and Servicing of Computers	
9	Information Technology	All software development units	

S. No	Name of the Diploma Course	Possible Areas of Employment	Possible areas of continuing education
1	2	3	4
10	Mining Engineering	Mines (open cast and underground), S.C.C.L., N.M.D.C.	B.Tech-Mining Engineering, Mining Machinery Engineering
11	Chemical Engg. (SW) (Sugar Technology)	Paper, Sugar, Petrochemical, Plastics & Food processing industries	B.Tech-Chemical Engineering, Petrochemical Engineering, Petroleum Engg./Technology
12	Commercial and Computer Practice	Govt. Departments as Stenos/Typists/Computer Operators and vast opportunities in public and private undertakings. Small Business Entrepreneurship.	B.com liyr, CA, ICWAI, CS, MBA
13	Garment Technology	Textile Mills, Cloth Export Industries etc.	--
Courses of 3½ Years Duration (for Both AP & TS)			
14	Bio-Medical Engg.	Medical Research Institutes and Hospitals	B.Tech.-Electronics and Communication Engineering, Electronics and Telematics, Electronics and Telecommunication Engineering
15	Metallurgical Engineering	Foundry, Forge shops, Steel Plants, Rolling Mills, Heat Treatment Shops, Defense Organizations etc.	B.Tech-Metallurgical Engineering, Metallurgy and Material Technology
16	Textile Technology	Textile Mills, Cloth Export Industries etc.	B.Tech-Textile Technology, Chemical Engineering, Petrochemical Engineering, Petroleum Engineering/ Technology
17	Chemical Engg. (Sandwich)	Refinery, Petrochemical, Sugar, Paper, Food Processing and Chemical Industries.	B.Tech-Chemical Engineering, Petrochemical Engineering, Petroleum Engineering/ Technology
Courses of 3Years Duration (Only for Andhra Pradesh)			
18	Refrigeration and Air conditioning	In Public Sector undertaking, Govt. Departments and Private Workshops and cold storages dealing with Machinery, Transport, Production Units, Sales etc., Self-employment in Ancillary Units and Sales in Mech. Engg & R and A/C field.	B. Tech.-Mechanical Engineering, Industrial Production Engineering, Automobile Engineering, Aeronautical Engineering, Aerospace Engineering, Mechanical Marine Engineering, Mechatronics
19	Petroleum Technology	Polymer and Plastic industries, Chemical Industries	B.Tech-Chemical Engineering, Petrochemical Engineering,
20	Petro Chemical Technology	Refinery, Petrochemical, Sugar, Paper, Food Processing and Chemical Industries.	Petroleum Engg/Technology
Courses of 3½ Years Duration (Only for Andhra Pradesh)			
21	Chemical Engg. (Oil Tech.) SW	Refinery, Paper, Sugar, Petrochemical, Plastics & Food process Industries	B.Tech-Chemical Engineering, Petrochemical Engineering, Petroleum Engg./Technology
22	Chemical Engg. (Petro Chemicals)SW	Refinery, Petrochemical and Chemical Industries	
23	Chemical Engg. (Plastics and Polymers) SW	Polymer and Plastic industries, Chemical Industries	
24	Ceramic Engineering & Technology SW	Refractory, Brick kilns, cement, Glass and Ceramic and sanitary ware industries	
Courses of 3Years Duration (Only for Telangana State)			
25	Packaging Technology (SW)	All Packaging Industries like Pharmaceutical, Food, Beverage, Paper and Plastic, Industries etc.	B. Tech.-Mechanical Engineering, Industrial Production Engineering, Automobile Engineering, Aeronautical Engineering, Aerospace Engineering, Mechanical Marine Engineering, Mechatronics
26	Printing Technology (SW)	Composing DTP, filmmaking, printing etc, and self- employment in the above fields and package industries.	
27	Packaging & Printing Technology	All Packaging Industries like Pharmaceutical, Food, Beverage, Paper and Plastic, Industries etc. & Composing DTP, filmmaking, printing etc, and self- employment.	
28	Craft Technology SW	Textile Industry.	-
29	Home Science SW	Hotels	-