

2.1 Diploma Courses offered in Polytechnics:

The various Diploma courses in Engineering offered for which admission will be taken up through POLYCET in the Polytechnics, course duration and the possible area of employment/placements as Technicians or Technical Supervisors as well as possible areas for Continuing Education are as given below:

S.No	Name of the Diploma Course	Possible Areas of Employment	Possible areas of continuing education
Courses of 3-Year Duration offered in Telangana State			
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.

File No.SBTET-EE-2/POLY/P IV/1/2019-EE-2

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	TSRTC, Transport sections attached to various supervisory Company Automobile showrooms. Organizations, Road Transport Authority etc., Self-employment in Servicing of Automobiles.	B. Tech.-Mechanical Engineering, Industrial Production Engineering, Automobile Engineering, Aeronautical Engineering, Aerospace Engineering, Mechanical Marine Engineering, Mechatronics
5	Electrical & Electronics Engg.	TSGENCO, TSTRANSCO, DCL's Electrical Contractors, maintenance Staff in Departments and Industries, Self-employment as Electric Technicians and Winders Wiring consultancy.	B.Tech.-Electrical and Electronics Engineering
6	Electronics & Communication Engineering	AIR, DD, Communications, Electronic Industries etc., Self-employment in maintenance & Servicing of Radios, TV etc., Self-employment in Sales & Services	B.Tech.-Electronics and Communication Engineering, Electronics and Telematics, Electronics and Telecommunication Engineering
7	Electronics and Instrumentation Engineering	Process Industries and Electronic Industries, Pharmaceutical industries etc., Self-employment in sales & servicing of Electronic instruments.	Electronics and Instrumentation Engg., Instrumentation Engg, Instrumentation/Technology, Electronics and Communication Engg, Instrumentation and Control Engg.
8	Computer Sciences and Engineering	Computer Maintenance, Software Development, Computer Training etc., Self-employment in Sales and Servicing of Computers	B. Tech-Computer Science Engineering, Computer Science and Systems Engineering, Electronics and Computer Engineering, Information Technology
9	Mining Engineering	Mines (open cast and underground), S.C.C.L., N.M.D.C.	B. Tech-Mining Engineering, Mining Machinery Engineering

File No.SBTET-EE-2/POLY/P IV/1/2019-EE-2

10	Commercial and Computer Practice	Govt. Departments as Stenos/Typists/Computer Operators /Accountants/Office Assistants and vast opportunities in public and private undertakings.	B.com II yr, CA, ICWAI, CS, MBA
11	Home Science	Hotels and Restaurants, Art, Craft teacher, Textile, Beauty Industry	B. Sc(Fashion), B. Sc (Home Science), BA, B.Sc., B.Com
12	Metallurgical Engineering	Foundry, Forge shops, Steel Plants, Rolling Mills, Heat Treatment Shops, Defense Organizations etc.	B. Tech-Metallurgical Engineering, Metallurgy, and Material Tech.
13	Chemical Engg.	Refinery, Petrochemical, Sugar, Paper, Food Processing, and Chemical Industries.	B. Tech-Chemical Engineering, Petrochemical Engineering, Petroleum Engineering/Tech.
14	Printing Technology	Composing DTP, filmmaking, printing etc, and self-employment in the above fields and package industries.	B. Tech.-Mechanical Engineering
15	Packaging Technology	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

Courses of 3 Years Duration offered in Telangana maintaining the Presidential Order for allocation of seats at the ratio of 42:36:22 in AU/OU/SVU regions

1	Artificial Intelligence and Machine Learning	Computer Maintenance, Software Development, Computer Training etc., Self- employment in Sales and Servicing of Computers	B. Tech-Computer Science, Engineering, Computer Science & Systems Engineering, Electronics and Computer Engineering, Information Technology
2	Computer Sciences and Engineering	Computer Maintenance, Software Development, Computer Training etc., Self- employment in Sales and Servicing of Computers	B. Tech-Computer Science, Engineering, Computer Science & Systems Engineering, Electronics and Computer Engineering, Information Technology
3	Cloud Computing and Big Data	Computer Maintenance, Software Development, Computer Training etc., Self- employment in Sales and Servicing of Computers	B. Tech-Computer Science, Engineering, Computer Science & Systems Engineering, Electronics and Computer Engineering, Information Technology

File No.SBTET-EE-2/POLY/P IV/1/2019-EE-2

4	Cyber-Physical Systems and Security	Computer Maintenance, Software Development, Computer Training etc., Self-employment in Sales and Servicing of Computers	B. Tech-Computer Science, Engineering, Computer Science & Systems Engineering, Electronics and Computer Engineering, Information Technology
5	Embedded Systems	Electronic IC Circuits Manufacturing Industries	B.Tech.-Electronics and Communication Engineering, Electronics and Telematics, Electronics and Telecommunication Engineering
6	Electronics & Communication Engg.	AIR, DD, Communications, Electronic Industries etc., Self-employment in maintenance & Servicing of Radios, TV etc., Self-employment in Sales & Services	B.Tech.-Electronics and Communication Engineering
7	Electronics and Instrumentation Engineering	Process Industries and Electronic Industries, Pharmaceutical industries etc., Self-employment in sales & servicing of Electronic instruments	Electronics and Instrumentation Engineering, Instrumentation Engineering, Instrumentation/Technology, Electronics and Communication Engineering, Instrumentation and Control Engg.
8	Electronics and Video Engg.	AIR, Doordarshan, and Private TV Station. Govt & corporate hospitals	B.Tech.-Electronics and Communication Engineering
9	Bio-Medical Engg.	Medical Research Institutes and Hospitals	B.Tech.-Electronics and Communication Engineering, Electronics and Telematics, Electronics and Telecommunication Engineering
10	Leather & Fashion Technology	Tannery and footwear industries	B. Tech-Chemical Engineering, Petrochemical Engineering, Petroleum Engineering/Tech.

11	Leather Goods & Footwear Technology	Footwear design and Leather goods and Footwear manufacturing units	B.Tech.-Mechanical Engineering, Industrial Production Engg, Automobile Engineering, Aeronautical Engineering, Aerospace Engineering, Mechanical Marine Engineering, Mechatronics
12	Textile Technology	Textile Mills, Cloth Export Industries etc.	B. Tech-Textile Technology, Chemical Engineering, Petrochemical Engineering, Petroleum Engineering/Technology
Courses of 3 Years Duration with 6 months industrial training offered in Andhra Pradesh maintaining the Presidential Order for allocation of seats at the ratio of 42:36:22 in AU/OU/SVU regions respectively			
1	Chemical Engg. (Oil Tech.) (SW)	Refinery, Paper, Sugar, Petrochemical, Plastics & Food process Industries	B. Tech-Chemical Engineering, Petrochemical
2	Chemical Engg. (Petro Chemicals) (SW)	Refinery, Petrochemical and Chemical Industries	
3	Chemical Engg. (Plastics and Polymers) (SW)	Polymer and Plastic industries, Chemical Industries	
4	Ceramic Engineering & Technology (SW)	Refractory, Brick kilns, cement, Glass and Ceramic and sanitary ware industries	
5	Textile Technology (SW)	Textile Mills, Cloth Export Industries etc.	B. Tech-Textile Technology, Chemical Engineering, Petrochemical Engineering, Petroleum Engineering/Technology

2.2 Diploma Courses offered in Professor Jayashankar Telangana State Agricultural University (PJ TSAU), Polytechnics:

S. No.	Name of the Diploma Course	Possible Areas of Employment	Possible areas of continuing education
Courses of 2- Year Duration offered in PJ TSAU, Telangana State			
1	Diploma in Agriculture (2-Years)	In Government Departments and Private Organizations related to the field of agriculture, Seed Companies, fertilizers, Agro-based Industries etc.	B.Sc.(Hons.) Agriculture first year through AGRICET, an Entrance Examination

2	Diploma in Organic Agriculture (2-Years)	Private Organizations related to the field of agriculture, Seed Companies, fertilizers, Agro-based Industries etc.	B.Sc.(Hons.) Agriculture first year through AGRICET, an Entrance Examination
Courses of 3- Year Duration offered in PJTSAU, Telangana State			
3	Diploma in Agricultural Engineering (3-Years)	In Private workshops and garages dealing with agricultural machinery, Agro-based Industries,	B.Tech.(Agril. Engg.) first year through AGRIENGGCET, an Entrance Examination

- The University does not guarantee any employment to the candidates.
- Only 15% of total intake (of that corresponding academic year) of B.Sc.(Hons.) Agriculture and B.Tech.(Agricultural Engineering) are reserved for the passed out Diploma holders for an entry into First year of concerned UG courses through AGRICET, [B.Sc.(Hons.) Agriculture] and AGRIENGGCET [B.Tech.(Agricultural Engineering)], entrance examinations conducted by the University.

2.3. Diploma Courses offered in PV Narsimha Rao Telangana Veterinary University (PVNRTVU) in the Telangana State:

S. No.	Name of the Diploma Course	Possible Areas of Employment	Possible areas of continuing education
Courses of 2- Year Duration offered in PVNRTVU, Telangana State			
1	Animal Husbandry Polytechnic (2-Years)	In Government Departments and Private Organizations related to the poultry, animal feed, dairy industry etc.	Animal Husbandry Diploma holders are not eligible for admission into BVSc & AH. However, Govt. of Telangana permitted admission through DOST (Degree online services, Telangana) into B.Sc Biology stream programme /combinations, B.Com & B.A without Mathematics and Statistics as per G.O.Rt.No.113,Dt:15/7/2022, Higher Education (CE) department, Govt. of Telangana.
2	Fisheries Polytechnic (2-Years)	Private Organizations related to the field of fish feed, fish production and fish processing industries etc.	Animal Husbandry Diploma holders are not eligible for admission into BVSc & AH. However, Govt. of Telangana permitted admission through DOST (Degree online services, Telangana) into

			B.Sc Biology stream programme/combinations, B.Com & B.A without Mathematics and Statistics as per G.O.Rt.No.113,Dt:15/7/2022, Higher Education (CE) department, Govt. of Telangana.
--	--	--	---

The University does not guarantee any employment to the candidates.

2.4. Diploma Course offered in SRI KONDA LAXMAN TELANGANA STATE HORTICULTURAL UNIVERSITY (SKLTSHU) in the Telangana State:

The following Diploma Course is offered at present in SKLTSHU:

S. No.	Name of the Diploma Course	Possible Areas of Employment	Possible areas of continuing education
Courses of 2- Year Duration offered in SKLTSHU Telangana State			
1	Diploma in HORTICULTURAL (2-Years)	In Government Departments and Private Organizations related to the field of HORTICULTURAL, agriculture, Seed Companies, fertilizers, Agro-based Industries etc.	B.Sc.(Hons.) HORTICULTURAL first year through HORTICET, an Entrance Examination conducted by SKLTSHU

- The University does not guarantee any employment to the candidates.
- Only 15% of total intake (of that corresponding academic year) of B.Sc. (Hons.) HORTICULTURAL is reserved for the passed out Diploma holders for an entry into the First year of concerned UG courses through HORTICET, [B.Sc. (Hons.) HORTICULTURAL] entrance examination conducted by the University.