



AU COLLEGE OF ENGINEERING (A)- VISAKHAPATNAM
M.Tech. Day Time Courses (2020-2021)

S.No	Department	Course	Total	Eligibility	GATE Exam	PGECET exam
1	Chemical Engineering	M.Tech. Chemical Engineering	25	B.Tech. Chemical Engineering of AU or its equivalent, AMIE (Chem.), AMIICHE with a regular diploma in Chemical Engineering.	CH	CH
		M.Tech. Mineral Process Engineering	18			
		M.Tech. Industrial Pollution Control Engineering	18			
		M.Tech. Computer Aided Chemical Engineering	18			
		M.Tech. Bio Technology	18	B.Tech. Chemical Engineering or B.Tech. Bio-Technology or B.Pharmacy. of AU or its equivalent, AMIE (Chem.), AMIICHE with a regular diploma. Where as M.Sc. with any specialization is NOT eligible	CH BT GPAT	BT CH PY
2	Civil Engineering	M.Tech. Structural Engineering	18	B.E. Civil Engineering of AU or its equivalent, AMIE with a regular Diploma in Civil Engineering	CE	CE
		M.Tech. Hydraulics, Coastal & Harbor Engineering	18			
		M.Tech. Soil Mechanics & Foundation Engineering	18			
		M.Tech. Environmental Engineering & Management	18			
3	Electrical Engineering	M.Tech. Power Systems & Automation	18	B.E. (EEE) of AU or its equivalent. AMIE with a regular diploma in Electrical Engineering.	EE	EE
		M.Tech. Control Systems	18			
4	Mechanical Engineering	M.Tech. Industrial Engineering	18	B.E/B.Tech. (Mech. Engg., Industrial engg., Production Engg., I&PE, MPIE) & AMIE (Mech. Engg.) with a regular Diploma in Mech. Engg.	Any Engg. GATE	Any PGECET except PY, FT
		M.Tech. Machine Design	18	B.E/B.Tech. (Mech.) of AU or its equivalent/AMIE (Mech.) with a regular Diploma.	ME	ME
		M.Tech. Heat Transfer in Energy system	18			
5		M.Tech. Geo-Engineering	12	B.E. (Civil)/ B.Tech (Geo-informatics) or M.Sc. Geology or Geo Physics or Marine Geology/ Resource	CE GG	GG CE

	Geo-Engineering			Development Technology/ Met. Oce. Of AU or its equivalent, AMIE (Civil) with a regular diploma.		
		M.Tech. Remote Sensing	18	B.E./B.Tech./ AMIE in any Engg with a regular diploma Or Master's Degree in Science	Any GATE score	Any PGECET except PY, FT
6	Marine Engineering	M.Tech. Marine Engineering & Mechanical Handling	18	B.E. (Mech.)/ B.E. Mech. (Marine Engg. as elective) of AU or its equivalent, B.E. (Naval Architecture), AMIE with a regular diploma.	NAME	ME
7	Electronics & Communications Engineering	M.Tech Radar & Microwave Engg.	18	B.E. (ECE, E&TM)/M.Sc. Electronics of AU or its equivalent, AMIETE (Telecom), AMIE (Electronics) with a regular diploma.	EC	EC
		M.Tech. (VLSI)	15			
		M.Tech. Electronic Instrumentation	18	B.E./ B.Tech. (ECE) of AU or its equivalent, AMIE (Electronics) with a regular diploma.	EC	EC
				B.E./ B.Tech. (EEE, E&I, E&TM), Instrument Technology of AU or its equivalent, AMIETE, AMIE with a regular diploma.	EI EE	EI EE
		M.Tech Bio-Medical Engineering	18	B.E./ B.Tech. or B.Pharm. of AU or its equivalent & MBBS, AMIE, AMIETE with a regular diploma.	Any Engg. GATE GPAT	Any PGECET
8	Instrumentation Technology	M.Tech. Industrial process Instrumentation Engineering	18	B.E./ B.Tech. (Inst. Tech. , E&I, Inst. & control) & B.E./ B.Tech. (ECE /EEE) of AU or its equivalent. Up to 30% of seats for B.E./ B.Tech. ECE /EEE of AU or its equivalent, AMIE with a regular diploma Whereas M.Sc., M.Sc. (Tech.) Instrumentation are NOT eligible.	IN	EI
		M.Tech Medical Instrumentation	18			
9	Metallurgical Engineering	M.Tech. Industrial Metallurgy	18	B.E./B.Tech. (Metallurgical Engineering / Metallurgical & Material Engineering)	MT	MT
		M.Tech. Computer Science & Technology	30	BE/B.Tech./ Regular M.Sc. in Information Systems, Maths/Applied Maths/Physics/Electronics/		
		M.Tech. CST with AI & Robotics	18			

10	Computer Science & System Engineering	M.Tech. CST with Computer Networks	18	Computer Science/Statistics, Regular MCA of AU or its equivalent. AMIE with regular diploma in the relevant branch	CS	CS
		M.Tech. Cyber Security and Data Analytics	18			
		M.Tech. Information Technology	18			
11	Nanotechnology	M.Tech. Nanotechnology	18	Any B.E. or B.Tech. of AU or its equivalent, M.Sc (Electronics), M.Sc (Physics) and M.Sc. (Chemistry)	Any Engg. GATE or NST score	Any PGECET except PY

UNIVERSITY COLLEGE OF PHARMACY, ANDHRA UNIVERSITY

Name of the Discipline	Specialization	Eligibility		
		Qualifying Degree	GATE / GPAT Exam	PGECET Exam
M. Pharmacy	Pharmacology Pharmaceutical Chemistry Pharmaceutical Technology Pharmacognosy Pharmaceutical Bio-Technology Pharmaceutical Analysis Pharmacy Practice Drug Regulatory Affair	B. Pharmacy	GPAT	PY
Pharm.D (PB) (Post Baccalaureate)	---	B. Pharmacy	GPAT	PY