



AU COLLEGE OF ENGINEERING (A)- VISAKHAPATNAM

PG Courses offered with eligibility criteria for the Academic Year 2019-20

Note:- Changes in the specializations ,if any, offered by the University for the current academic year i.e. 2019-2020 will be updated in due course.

S.No	Department	Course	A	B	C	Total	Eligibility	GATE Exam	PGECET exam
1	Chemical Engineering	M.Tech. Chemical Engineering	18	2	5	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	13	-	5	18			
		M.Tech. Industrial Pollution Control Engineering	-	13	5	18			
		M.Tech. Computer Aided Chemical Engineering	-	13	5	18			
		M.Tech. Bio Technology	5	8	5	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	8	5	5	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	8	5	5	18			
		M.Tech. Soil Mechanics & Foundation Engineering	8	5	5	18			
		M.Tech. Environmental Engineering & Mgmt.	8	5	5	18			
3	Electrical Engineering	M.Tech. Power Sys. & Automation	10	3	5	18	B.E. (EEE) of AU or its equivalent. AMIE with a regular diploma in Electrical Engineering.	EE	EE
		M.Tech. Control Systems	10	3	5	18			

4	Mechanical Engineering	M.Tech. Industrial Engineering	13	-	5	18	B.E./B.Tech. (Mech.) of AU or its equivalent/AMIE (Mech.) with a regular Diploma.	ME	ME
		M.Tech. Machine Design	8	5	5	18			
		M.Tech. Heat Transfer in Energy system	5	8	5	18			
5	Geo-Engineering	M.Tech. Geo-Engineering	4	3	5	12	B.E. (Civil)/ B.Tech (Geo-informatics) or M.Sc. Geology or Geo Physics or Marine Geology/ Resource Development Technology/ Met. Oce. Of AU or its equivalent, AMIE (Civil) with a regular diploma.	CE GG	GG CE
		M.Tech. Remote Sensing	10	3	5	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, AS
6	Marine Engineering	M.Tech. Marine Engineering & Mechanical Handling	6	7	5	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.	ME	ME
7	Electronics & Communications Engineering	M.Tech Radar & Microwave Engg.	13	-	5	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)	--	10	5	15			
		M.Tech. Electronic Instrumentation	6	1	5	18	B.E./ B.Tech. (ECE) of AU or its equivalent, AMIE (Electronics) with a regular diploma.	EC	EC
			6	-			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	-	13	5	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 except AS
8	Instrumentation Technology	M.Tech. Instrumentation Engineering	-	13	5	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
9	Metallurgical Engineering	M.Tech. Industrial Metallurgy	-	13	5	18	B.E./B.Tech. (Metallurgy) of AU or its equivalent /Metallurgical & Material Engineering or AMIIM with a regular diploma.	MT	MT

10	Computer Science & System Engineering	M.Tech. Computer Science & Technology	26	-	4	30	BE/B.Tech./ Regular M.Sc. in Information Systems, Maths/Applied Maths/Physics/Electronics/Computer Science/Statistics, Regular MCA of AU or its equivalent. AMIE with regular diploma in the relevant branch	CS	CS
		M.Tech. CST with AI & Robotics	-	13	5	18			
		M.Tech. CST with Computer Networks	-	13	5	18			
		M.Tech. Data Analytics and Cyber security	13	-	5	18			
		M.Tech.CST Information Technology	13	-	5	18			
11	Nanotechnology	M.Tech. Nanotechnology	-	13	5	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, AS

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 and Photochemistry Pharmaceutical Bio-Technology Pharmaceutical Analysis & Quality Assurance Pharmacy Practice Pharmaceutical Management and Drug Regulatory Affair	B. Pharmacy	GPAT	PY
Pharm.D (PB) (Post Baccalaureate)	---	B. Pharmacy	GPAT	PY

Eligibility for PG courses offered in colleges affiliated to Andhra University

M.Tech.	Transportation Engineering	B.E. Civil Engineering of AU or its equivalent, AMIE with a regular Diploma in Civil Engineering	CE	CE
M.Tech.	Communication Systems	B.E. (ECE,E&TM)/M.Sc. Electronics of AU or its equivalent, AMIETE (Telecom), AMIE (Electronics) with a regular diploma.	EC	EC
M.Pharm.	Pharmaceutics	B. Pharmacy	GPAT	PY
	Industrial Pharmacy			
	Pharmaceutical Quality Assurance			

NOTE:

- A. Seats available with UGC Fellowships
- B. Seats available without Fellowships
- C. Sponsored seats

GATE Codes:

CH	Chemical Engineering
BT	Bio Technology
CE	Civil Engineering/Civil-Environmental
EE	Electrical Engineering
ME	Mechanical Engineering
NAME	Naval Architecture/Marine Engineering
EC	Electronics & Communication Engineering
EI	Electronics/Instrumentation
MT	Metallurgical Engineering/Industrial Metallurgy
CS	Computer Science & Engineering/Technology
NST	Nano Science & Technology
GG	Geology/Geophysics
GPAT	Graduate Pharmacy Aptitude Test
AS	Aerospace Engineering
PY	Pharmacy