

## PG Courses offered with eligibility Criteria under various universities for the Academic year 2012-2013

## OSMANIA UNIVERSITY

Sl.No	Name of the Discipline	Specializations / Courses	Eligibility		
			Qualifying Degree	GATE Subject	PGECET – 2012 Subject
1.	Civil Engineering	Transportation Engg.	B.E./B.Tech./AMIE in Civil Engg./ Construction Engg. (or) Equivalent	Civil Engg. (CE)	Civil Engg. (CE)
		Structural Engg.,			
		Geotechnical Engg.			
		Water Resources Engineering			
		Infrastructure Engg. (Self – Finance)			
		Construction Engineering & Management	B.E./B.Tech./AMIE in Civil Engg./ Construction Engg. (or) Equivalent & B. Arch.		
2.	Electrical Engineering	Industrial Drives & Controls	B.E./B.Tech./AMIE in Electrical Engg. (or) equivalent	Electrical Engg. (EE)	Electrical Engg. (EE)
		Power Systems & Power Electronics			
		Power Systems Engg.			
		Power Electronics Systems (Self- Finance)	B.E./B.Tech./AMIE in Electrical Engg. (or) equivalent B.E./B.Tech in Instrumentation Engg.		
3.	Mechanical Engg.	CAD / CAM	B.E./B.Tech/AMIE in Mechanical Engg., Automobile Engg., Mechanical Engg. (Mechatronics), Mechanical Engg. (Production Engg.), Aeronautical Engg., Industrial Engg., Production Engg., Industrial and Production Engg., Marine Engg. (or) Equivalent	i) Mechanical Engg. (ME) ii) Production & Industrial Engg. (PI) iii) AE	Mechanical Engg. (ME)
		Production Engg			
		Turbo-machinery			
		Automation and Robotics			
		Advanced Design and Manufacturing			
4.	Electronics & Comm. Engg.	Systems & Signal Processing	B.E./B.Tech in ECE/AMIE in ECE, AMIE (Electronics and Telecommunication Engg.) /AMIETE (Electronics) & Telematics Engg.) (or) Equivalent	Electronics & Communication Engg. (EC)	Electronics & Communication Engg. (EC)
		Digital Systems Engg			
		Microwave & Radar Engg.			
		Communication Engg.			
		Embedded Systems and VLSI Design			

5.	Computer Science	Computer Science & Engg.	B.E./B .Tech./AMIE in any branch of Engg./Tech. (or) Equivalent Masters Degree in Physics, Statistics, Mathematics or Applied Mathematics, Applied Statistics, Applied Physics, Geophysics, M.Sc. (Co mp. Sc.), M.Sc. (Information Systems), (Computer Applications and Electronics) and MCA (or) Equivalent	Computer Science & Engg. (CS)	Computer Science & Engg. (CS)
		Parallel and Distributed Systems (Self-Finance)			
6.	Bio-Medical Engg.	Bio-Medical Electronics (Self-Finance)	B.E./B .Tech./AMIE in Bio-Medical Engg or ECE or EE or EIE or Equivalent.	i.) Electronics & Comm. Engg. (EC) ii.) Electrical Engg. (EE) iii.) Instrumentation (IN)	Bio-Medical Engg. (BM)
7.	Bio-Chemical Engg. & Bio-Technology	Bio-Chemical Engg. & Bio-Technology (Self-Finance)	B.E./B.Tech. equivalent Chemical Engg./Bio-Technology/Bio-Chemical Engg./Food Tech. /Dairy Tech/B.Pharmacy.	i)Chemical Engg. (CH) ii) Pharmaceutical Sciences (GPAT) iii) Bio-Tech (BT)	Bio-Technology (BT)
8.	Chemical Engg.	i) Chemical Reactors Engg. ii) Plant Design Process Dynamics & Control	B.E./B .Tech. in Chemical Engg.	Chemical Engg. (CH)	Chemical Engg. (CH)
9.	Chemical Technology	i)Technology of Pharmaceuticals & Fire Chemicals ii)Technology of Materials	B.E./B .Tech. in Chemical Engg.	Chemical Engg. (CH)	Chemical Engg. (CH)
10.	M. Pharmacy (Self-Finance)	i)Pharmaceutics ii) Pharmacology iii) Pharma Chemistry	B. Pharmacy	Pharmaceutical Science (GPAT)	Pharmacy (PY)

## AU COLLEGE OF ENGINEERING, ANDHRA UNIVERSITY

S.No	Department	Course	Eligibility		
			Qualifying Degree	GATE Exam	PGECET exam
1	Chemical Engineering	M.Tech. (Chemical Engineering)	B.Tech. Chemical Engineering of AU or its equivalent, AMIE (Chem.), AMIICHE	CH	CH
		M.Tech. (Mineral Process Engineering)			
		M.Tech. (Industrial Pollution Control Engineering )			
		M.Tech. (Computer Aided Chemical Engineering )			
		M.Tech. (Bio Technology)	B.Tech. Chemical Engineering or B.Tech. Bio-Technology/ or its equivalent, AMIE (Chem.), AMIICHE	CH BT	BT CH
2	Civil Engineering	M.E. (Structural Engineering)	B.E. Civil Engineering of AU or its equivalent, AMIE with Diploma in Civil Engineering	CE	CE
		M.E. (Environmental Engineering & Mgmt.)			
		M.E. (Hydraulics, Coastal & Harbor Engineering)			
		M.E. (Soil Mechanics & Foundation Engineering)			
		M.E. (Structural Engineering & Natural Disaster Mgmt.)			
3	Electrical Engineering	M.E. Power Sys. & Automation	B.E. (EEE) of AU or its equivalent, <b>AMIE (Elec.) with regular Diploma in Electrical Engineering.</b>	EE	EE
		M.E. (Control Systems)			
4	Mechanical Engineering	M.E. Industrial Engineering	B.E/B.Tech. of AU or its equivalent/AMIE with regular Diploma	<b>Any Engg. GATE</b>	Any PGECET except PY
		M.E. Machine Design	B.E/B.Tech. (Mech.) of AU or its equivalent/AMIE (Mech.) with regular Diploma.	ME	ME
		M.E. Heat Transfer in Energy system			
5	Geo-Engineering	M.Tech. Geo-Engineering	B.E. (Civil)/B.Tech.(Geo-Inform.)/ M.Sc. Geology or Geo Physics or Marine Geology/ Resource Development Technology/ Met. Oce. Of AU or its equivalent, AMIE (Civil)	CE GG	GG CE
		M.Tech. (Remote Sensing )	B.E/B.Tech./ AMIE in <b>any Engg.</b> Or Master's Degree in Science.	Any GATE score	Any PGECET except PY,

## PGECET-2012

6	Marine Engineering	M.E. (Marine Engineering & Mechanical Handling)	B.E. (Mech.)/ B.E. Mech. (Marine Engg. as elective) of AU or its equivalent, B.E. ( Naval Architecture)	ME	ME
7	Electronics & Communications Engineering	M.Tech (Radar & Microwave Engg.)	B.E. (ECE) of AU or its equivalent, AMIETE (Telecom), AMIE (Electronics)	EC	EC
		M.E (Electronic Instrumentation)	B.E./ B.Tech. ( <b>ECE, EEE, E&amp;I</b> ), Instrument Technology of AU or its equivalent, AMIETE, AMIE	EC EE IN	EI EC EE
		M.Tech (Bio-Medical Engineering)	<b>B.E./ B.Tech.</b> or B.Pharm. of AU or its equivalent & MBBS, AMIE, AMIETE.	Any Engg. GATE	Any PGECET
8	Instrumentation Technology	M.Tech.(Instrumentation Engineering)	B.E./ B.Tech. (Inst. Tech. , E&I, Inst. & control)) of AU or its equivalent, <b>AMIE, with regular diploma in the relevant branch.</b>	IN	<b>EI</b>
9	Metallurgical Engineering	M.E.(Industrial Metallurgy )	B.E. (Metallurgy)/B.E. ( Mechanical Engg.) of AU or its equivalent / Diploma holder with AMIIM	MT	ME
				ME	MT

10	Computer Science & System Engineering	M.Tech. Computer Science & Technology	BE/B.Tech./B.Arch./	CS	CS
		M.Tech. CST with AI & Robotics	M.Sc. in Information Systems, Maths/Applied Maths/		
		M.Tech. CST with Computer Networks	Physics/Electronics/Computer science/Statistics, Regular		
		M.Tech. CST with Bio Informatics	MCA of AU or its equivalent, AMIE with regular diploma in the relevant Branch		
		M.Tech. Information Technology			
11	Nanotechnology	M.Tech. Nanotechnology	Any B.E. or B.Tech. of AU or its equivalent, M.Sc (Electronics), M.Sc (Physics) and M.Sc. (Chemistry)	Any GATE	Any PGECET except PY

**JNTUH, HYDERABAD**

S.No	Name of the PG Programme	Specializations	Eligibility	GATE Code	PGECE T code
1	M.Tech. (Civil Engg.)	Transportation Engg. Structural Engineering Geo-Environmental Engg Infrastructure Engineering Highway Engineering Geotechnical Engineering /Soil Mechanics and Foundation Engineering Urban Transportation Engg.	B.E./B.Tech./AMIE in Civil Engg./Construction Engg (or) equivalent/Civil and Environmental Engg.	<b>CE</b>	<b>CE</b>
2	M.Tech. (Electrical & Electronics Engg.)	Electrical Power Engg. Electrical Power Systems Power Electronics Power & Industrial Drives Power Electronics & Electrical Drives Power Engg. & Energy Systems Power Systems with Emphasis on H.V. Engg. / Electrical Power Systems (HV) /H.V.Engg. Power Electronics and Drives Power System Control and Automation Power System / Power Systems Engineering Power Electronics and Power Systems Power System and Control Power Electronics and Systems Electrical Machines and Drives Advanced Power Systems	B.E./B.Tech./AMIE in Electrical & Electronics Engg. (or) Equivalent / Electrical Engg.	<b>EE</b>	<b>EE</b>
3	M.Tech.	Control Systems	B.E./B.Tech./AMIE in EEE/ECE / EIE/ E.ContE/ Electronics &		

	(Control Engg.)	Instrumentation and Control Systems	Computer Engg./ Instrumentation Engg./ Instru. Tech./ Electronics Engg. ICE/ Bio-Medical Engg. /ETE (or) Equivalent / Electrical Engg. / Electronics and Control / Electronics / Instrumentation and Control / Electronics and Telematics	<b>EE/EC/IN</b>	<b>EE/EC/EI</b>
4.	M.Tech. (Mechanical Engg.)	Advanced Manufacturing System	B.E./B.Tech./AMIE in Mechanical Engg. /Automobile Engg., / Metallurgy/ Industrial Engg. / Mechanical Engg. (Mechatronics) / Mechanical Engg. (Production) / Aeronautical Engineering / Production Engineering. / Industrial and Production Engineering/ Marine Engineering / Mining Engg. (or) equivalent	<b>AE</b> <b>PI</b> <b>MT</b> <b>MN</b> <b>ME</b>	<b>ME</b>
CAD / CAM					
Design for Manufacturing / Design and Manufacturing					
Industrial Engineering & Management					
Engineering Design					
Machine Design					
Computer Aided Design and Manufacture					
		Automation	B.E./B.Tech./AMIE in Mechanical Engg. /Automobile Engg., / Metallurgy/ Industrial Engg., /Mechanical Engg. (Mechatronics) /Mechanical Engg. (Production) / Production Engineering./Industrial and Production Engineering/ Marine Engineering /Mechatronics / Mining Engg. (or) equivalent	<b>ME</b> <b>PI/MT/ MN</b>	<b>ME</b>
		Thermal Engineering	B.E./B.Tech./AMIE in Mechanical Engg. /Automobile Engg., / Mechanical Engg. (Mechatronics) / Aeronautical Engineering		

		Heating Ventilation & Air Conditioning	B.E./B.Tech./AMIE in Mechanical Engg. /Automobile Engg., / Mechanical Engg. (Mechatronics) / Aeronautical Engineering	<b>AE</b> <b>ME</b> <b>PI</b>	<b>ME</b>
		Mechatronics	B.E./B.Tech./AMIE in Mechanical Engg. /Automobile Engg., / Mechanical Engg. (Mechatronics), /Mechanical Engg. (Production) / Aeronautical Engineering		
5.	M.Tech. (Electronics & Communication Engg.)	Systems & Signal Processing	B.E./B.Tech. in ECE/AMIE in ECE, AMIE (Electronics and Telecommunication Engg). / AMIETE (Electronics & Telematics Engg.)/ Electronics & Computer Engg. or equivalent / Electronics  <b>M Sc (Electronics) is not eligible</b>	<b>EC</b>	<b>EC</b>
		Digital Electronics & Communication Engg. / Digital Electronics & Communication Systems			
		Electronics & Communication Engg.			
		Wireless & Mobile Communication			
		Communication Systems			
		Communication Engineering and Signal Processing			
		Microwave and Communication Engineering			
	Telematics				
6.	M.Tech. (D.S.C.E)	Digital Systems & Computer Electronics	B.E./B.Tech./AMIE in ECE / EEE / CSE / Electronics & Computers Engg / ETE/ IT/CSIT/ Electronics & Control Engg./Instrumentation Engg./ Instrumentation Technology / EIE / Electronics Engg./Bio-Medical Engg./ AMIETE and Electronics and Telematics Engg. (OR) equivalent / Electronics	<b>EC/EE/CS/IN</b>	<b>EC/EE/CS/EI</b>
		Embedded Systems			
		VLSI			
		VLSI Design			
		VLSI System Design			
		VLSI & Embedded Systems			
		Embedded Systems & VLSI Design			
		VLSI Design and Embedded Systems			

7.	M.Tech. (Computer Science)	Computer Science	B.E./B.Tech. /AMIE in CSE/ CSIT/ Electronics & Computers Engg. /IT & Computer Science and Systems Engineering. Equivalent (or) MCA	CS	CS
		Computer Science & Engineering			
		Computer Science and Technology			
8	M.Tech. (Computer Science)	Bio-Informatics	B.Tech. (CSE/ IT/ ECE / Biotechnology), MCA, M.Sc. (Bioinformatics / Biotechnology)	CS/BT/EC	CS/BT/EC
9.	M.Tech.(Bio-Technology)	Bio-Technology	B.E./ B.Tech. / AMIE : Chemical Engg. / Bio-Technology / Biochemical Engg. / Bio-informatics /Industrial Biotechnology/ Agricultural Engg. or M.Sc. in Env. Sciences/ Chemistry/ Biochemistry/ Microbiology/ Biotechnology/ Life Sciences/ B.V.Sc/ M.B.B.S. / B.D.S. / B.Pharmacy / Food Technology	BT CH AG	BT
		<b>Bio-Chemical Engg.</b>	B.E./ B.Tech. / AMIE: Chemical Engg. / Bio-Technology / Biochemical Engg. / Chemical Technology / Food Technology / Industrial Biotechnology / Bio-informatics / Agricultural Engg. / Dairy Technology		
10.	M.Tech. (Software Engg. and Information Technology)	Information Technology	B.E./B.Tech. /AMIE in CSE/ CSIT/ Electronics & Computers Engg. /IT & Computer Science and Systems Engineering. Equivalent (or) MCA	CS	CS
		Software Engineering			
		Web Technologies			
		Parallel Computing			
		Neural Networks			



11.	M.Tech. (Computers & Communication)	Image Processing	B.E./B.Tech. /AMIE in CSE/ECE/ CSIT/ IT/ETM/EEE/EIE & CSSE equivalent / Electronics	CS/EE/E C/IN	CS/EE/E C/EI
		Computer & Communications / Computers & Communication Engg.			
		Real Time Systems			
		Computer Networks			
		Computer Networks and Information Security			
		Digital Image Processing			
12.	M.Tech. (Chemical Engg.)	Chemical Engineering	B.E./B.Tech./AMIE in Chemical Engg. / AMICHE, AMIE (CHEM) / Petroleum Engg / Petroleum Tech. / Petro-Chemical Engg./ B.Tech (Chemical Technology) any specialization	CH	CH
		Chemical Technology			
13.	M. Pharmacy	Pharmacology	B. Pharmacy	GPAT	PY
		Pharmaceutical Chemistry			
		Pharmaceutics			
		Pharmaceutical Analysis and Quality Assurance			
		Hospital and Clinical Pharmacy			
		Quality Assurance			
		Pharmacognocny			
		Industrial Pharmacy			
		Pharmaceutical Management & Regulatory Affaires			
		Pharmaceutical Technology			
14	M.Tech. (Electronics & Instrumentation)	Electronics & Instrumentation	B.E. / B.Tech. in ECE, EEE, EIE,ICE, AMIE / AMIETE (or) Equivalent	IN/EC/E E	EI/EC/E E
15.	M.Tech. (Nano-	Nano Technology	B.E./B.Tech. in Chemical/ Mechanical/ Aeronautical/ Electronics/Electrical/C		NT

	Technology)		computer Engg./Bio-Technology/Material Science (or) Equivalent Degree M.Sc. in Chemistry/Physics / Biotechnology/Earth Sciences/ Environmental Science & Technology/ Electronics or Equivalent Degree.	<b>Relevant GATE Exam</b>	
16.	M.Tech. (Energy Systems)	Energy Systems	B.E./ B.Tech./ AMIE in Mechanical/ EEE/ Chemical Aeronautical / Automobile/ Mechanical (Production)/ Mechanical (Mechatronics) / Metallurgy/ Metallurgy & Material Tech. / Agriculture Engg.	<b>MT/AE/EE / ME/CH</b>	<b>MT/AS/EE / ME/CH</b>
17	M.Tech.	Environmental Management Environmental Geomatics	Graduate in Engg./ Tech/ Medicine/ Agriculture / Veterinary Science / Pharmacy/Fisheries /Animal Husbandry /Horticulture.  Or Post Graduate in Mathematics/ Physics/ Chemistry /Life Sciences (Botany, Zoology, Microbiology, Biochemistry, Genetics, Biotech. Bioinformatics etc.)/ Environmental Sciences Earth Science / Atmospheric Science / Geology Or MCA with graduation in Sciences.	<b>Relevant GATE Exam</b>	<b>EM</b>
18	M.Tech	Spatial Information Technology Geo-informatics and Surveying Technology/ Geo-Informatics Remote Sensing	B.E. / B.Tech. / AMIE in any Engg including Agriculture, Environmental / B.Tech Planning (but excluding Biotech/ Metallurgical /	<b>Relevant</b>	<b>GG</b>

			Chemical Engg.) or MCA, M.Sc. in Geoinformatics/ Geomatics /Maths/ Physics / Geography /Agriculture/ Water Resources / Water & Env. Sciences/ Geospatial Science & Tech or with any earth resources or atmospheric Sciences background.	<b>GATE Exam</b>	
19	M.Tech.	Water and Environmental Technology	Graduate in Engg. or Post Graduate in Sciences	<b>Relevant GATE Exam</b>	<b>EM</b>
20.	M.Tech. (Aerospace Engineering)	Aerospace Engineering	B.E./ B.Tech.or equivalent degree (Aeronautical / Aerospace / Mechanical / Marine Engineering / Mechatronics/ Naval Architecture) / AMIE in Mechanical.	<b>ME AE</b>	<b>ME AS</b>

### JNTUK, KAKINADA

Disp . No.	Name of the Discipline	Specializations (code)	Eligibility		
			Qualifying Degree	Gate Code	PGECE T Code
1.	M.Tech. (Civil Engg.)	Transportation Engg.	B.E./B.Tech./AMIE in Civil Engg./Construction Engg (or) equivalent/Civil and Enivironmental Engg.	CE	CE
		Structural Engineering			
		Infrastructure Engineering and Management			
		Soil Mechanics and Foundation Engineering			
2.	M.Tech. (Electrical & Electronics Engg.)	Power Systems	B.E./B.Tech./AMIE in Electrical & Electronics Engg. (or) Equivalent / Electrical Engg.	EE	EE
		Power Electronics			
		Power & Industrial Drives			
		Power Electronics & Electrical Drives			
		Power Systems with Emphasis on H.V. Engg. / /H.V.Engg.			
		Power Electronics and Drives			
		Power System Control and Automation			
		Power Systems Engineering			
		Power Electronics and Power Systems			
		Power System and Control			
		Power Electronics and Systems			
		Electrical Machines and Drives			
		Advanced Power Systems			
3	M.Tech. (Control Engg.)	Control Systems	B.E./B.Tech./AMIE in EEE/ECE/EIE/E.ContE/ Electronics & Computer Engg./ Instrumentation Engg./Instru. Tech./ Electronics Engg. / Bio-	IN	EC
		Instrumentation and Control Systems		EE	EE
				EC	EI

		Control Engg.	Medical Engg. / (or) Equivalent / Electrical Engg. / Electronics and Control / Electronics / Instrumentation and Control / Electronics and Telematics .		
4	M.Tech. (Mechanical Engg.)	Advanced Manufacturing Systems Thermal Engineering CAD / CAM Machine Design Mechatronics Computer Aided Design and Manufacture	B.E./B.Tech./AMIE in Mechanical Engg. /Automobile Engg., / Metallurgy/ Industrial Engg., /Mechanical Engg. (Mechatronics), /Mechanical Engg. (Production) / Aeronautical Engineering / Production Engineering./Industrial and Production Engineering/ Marine Engineering (or) equivalent / Mechatronics / Mining Engg. / Industrial Production / Mechanical Marine / Metallurgy .	ME PI AE MT MN	ME
5	M.Tech. (Electronics & Communication Engg.)	Systems & Signal Processing Digital Electronics & Communication Systems Electronics & Communication Engg. Communication Systems Communication Engineering and Signal Processing Microwave and Communication Engineering Telematics	B.E./B.Tech. in ECE/AMIE in ECE, AMIE(Electronics and Telecommunication Engg). /AMIETE (Electronics & Telematics Engg.)/ Electronics & Computer Engg. or equivalent / Electronics  M Sc (Electronics) is not eligible	EC	EC
6	M.Tech. (D.S.C.E)	Digital Systems & Computer Electronics Embedded Systems VLSI VLSI Design VLSI System Design VLSI & Embedded Systems Embedded Systems & VLSI Design	B.E./B.Tech./AMIE in ECE / EEE / CSE / Electronics & Computers Engg./ ETE/ IT/CSIT/ Electronics & Control Engg./Instrumentation Engg./Instrumentation Technology / EIE / Electronics Engg./Bio-Medical Engg./ AMIETE and Electronics and Telematics Engg. (OR) equivalent / Electronics	EC EE CS IN	EC EE CS EI

		VLSI Design and Embedded Systems			
7	M.Tech. (Computer Science)	Computer Science Computer Science & Engineering Computer Science and Technology	B.E./B.Tech./AMIE in any branch of Engg. / Tech. (or) equivalent Master's Degree in Physics, Statistics, Mathematics or Applied Mathematics, Applied Statistics, Applied Physics, Geophysics, M.Sc.(Comp. Sc.), M.Sc.(information Systems), (Computer Applications and Electronics) and <b>MCA</b> , <b>M Sc (Electronics)</b> (or) Equivalent	CS	CS
8	M.Tech. (Bio-Technology)	Bio-Technology	B.E./ B.Tech. / AMIE : Chemical Engg. / Bio-Technology / Biochemical Engg. / Bio-informatics /Industrial Biotechnology/ Agricultural Engg.  or M.Sc. in Env. Sciences/ Chemistry / Biochemistry / Microbiology / Biotechnology / Life Sciences / B.V.Sc / M.B.B.S. / B.D.S. / B.Pharmacy / Food Technology	BT	BT
9	M.Tech. (Computers & Communication)	Image Processing Computer & Communications / Computers & Communication Engg. Computer Networks Computer Networks and Information Security Digital Image Processing	B.E./B.Tech. /AMIE in CSE/ECE/CSIT/ IT/ETM/EEE/EIE & CSSE equivalent / Electronics	CS/EE/EC/IN	CS/EE/E C/EI
10	M.Tech. (Chemical Engg.)	Chemical Engineering Chemical Technology	B.E./B.Tech./AMIE in Chemical Engg.  B.E. / B.Tech. Chemical Engineering / AMICHE, AMIE (CHEM) (or) Equivalent / Petroleum Engg / Petroleum Tech. / Petro-Chemical Engg.	CH	CH

11	M. Pharmacy	Pharmacology	B. Pharmacy	GPAT	PY
		Pharmaceutical Chemistry			
		Pharmaceutics			
		Pharmaceutical Analysis and Quality Assurance			
		Clinical Pharmacy			
		Pharmacy practice Course			
		Pharmacognocny			
		Industrial Pharmacy			
12	M.Tech. (Nano-Technology)	Nano Technology	B.E./B.Tech. in Chemical/Mechanical / Aeronautical/Electronics/Electrical /Computer Engg./Bio-Technology/Material Science (or) Equivalent Degree M.Sc. in Chemistry / Physics /Biotechnology/ Earth Sciences / Environmental Science & Technology / Electronics or Equivalent Degree.	Relevant GATE Exam	NT
13	M.Tech.	Spatial Information Technology	B.E. / B.Tech. / AMIE any branch in Engineering or M.Sc. (Maths)/ (Physics) / Geology / Env. Science & Tech  <i>(Life Science, Botany, Chemistry are not eligible)</i>	Relevant GATE Exam	GG
Remote Sensing					
14	M.Tech	Food Processing Tech.	B.E./B.Tech.or equivalent degree Chemical /Mechanical/Food Technology/ Bio Technology / Dairy/Food Science/B. Pharmacy/ M Sc (Food Processing)/Life Sciences)/ Chemistry/Dairy/Home Science/Env/Marine/Agriculture/B.Sc(4 year Agricultural Engg	CH BT ME GPAT AG	CH BT ME PY

15	M.Tech	Avionics	B.E./B.Tech.or equivalent degree Electronics and Communication Engg./Electronics/ / Electrical and Electronics/Electrical/ CSE /Information Technology / EIE /Electronics and Control	EC EE IN CS	EC EE EI CS
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### SRI VENKATESWARA UNIVERSITY COLLEGE OF ENGINEERING: TIRUPATI

SI. NO.	Department	Specialization	Entry Qualifications	Gate Exam	PGECET Exam
1.	Chemical Engineering	Chemical Engineering	BE/B.Tech/AMIE in Chemical Engineering (or) AMCHE (OR) Equivalent with 50% aggregate in degree.	CH	CH
2.	Computer Science and Engineering	Computer Science and Engineering	BE/B.Tech in C.S.E/IT (OR) Equivalent with 50% aggregate in degree.	CS	CS
3.	Civil Engineering	Environmental Engineering	BE/B.Tech/AMIE in civil Engineering (or) Equivalent with 50% aggregate in degree.	CE	CE
		Geotechnical Engineering			
		Hydraulics and water resources Engineering			
		Structural Engineering			
4.	Electrical and Electronic Engineering	Instrumentation And Control Engineering	BE/B.Tech/AMIE in Electrical and Electronics Engineering/ Electronics and instrumentation Engineering/ Instrumentation Engineering/ Instrumentation and Control Engineering/ Biochemical Engineering (or) AMIETE (OR) equivalent. With 50% aggregate in degree.	IN EE	EI EE



		Power Systems	BE/B.Tech/AMIE in Electrical and Electronics Engineering or Equivalent with 50% aggregate in degree.	IN EE	EI EE
5.	Electronics and Communication Engineering	Communication Systems	BE/B.Tech/AMIE in Electronics and Communication Engineering (or) AMIETE (OR) Equivalent with 50% aggregate in degree.	EC	EC
6.	Mechanical Engineering	Industrial Engineering	BE/B.Tech/AMIE in Mechanical Engineering/ Production Engineering/ Industrial Engineering/ industrial and production engineering (or) Equivalent with 50% aggregate in degree.	ME PI	ME
		Production Engineering	BE/B.Tech/AMIE in Mechanical Engineering/ Production Engineering/ industrial and production engineering/ Metallurgy (or) Equivalent with 50% aggregate in degree.	ME PI	ME

**JNTUA, ANANTAPUR.**

Disp. No.	Name of the Discipline	Specializations (code)	Eligibility		
			Qualifying Degree	Gate Exam	PGECET Exam
1	M.Tech. (Civil Engg.)	Structural Engineering	B.E./B.Tech./AMIE in Civil Engg. / Construction Engg /Civil and Environmental Engg. (or) equivalent	CE	CE
		Geotechnical Engineering			
		Computer Aided Structural Engineering			
		Water resources Engineering			
		Construction Planning & Management			
2	M.Tech. (Electrical & Electronics Engg.)	Electrical Power Engg	B.E./B.Tech./AMIE in Electrical & Electronics Engg. / Electrical Engg. (or) Equivalent	EE	EE
		Electrical Power Systems			
		Power Electronics			
		Power & Industrial Drives			
		Power Electronics & Electrical Drives			
		Power Electronics and Drives			
		Power System			
3	M.Tech. (Control Engg.)	Control Systems	B.E./B.Tech./AMIE in EEE /ECE /EIE /E.ContE/ Electronics & Computer Engg./ Instrumentation Engg./Instru. Tech./ Electronics Engg. ICE/ Bio-Medical Engg. /ETE (or) Equivalent / Electrical Engg. / Electronics and Control / Electronics / Instrumentation and Control / Electronics and Telematics.	EC EE IN	EC EE EI
4	M.Tech. (Mechanical Engg.)	CAD / CAM	B.E./B.Tech./AMIE in Mechanical Engg. /Automobile Engg., / Metallurgy/ Industrial Engg., /Mechanical Engg. (Mechatronics), /Mechanical Engg. (Production) / Aeronautical Engineering / Production Engineering./Industrial and Production Engineering/ Marine Engineering / Mechatronics / Mining Engg. / Industrial Production / Mechanical Marine / (or) equivalent	ME AE PI MT MN	ME
		Machine Design			
		Thermal Science & Energy Systems			
		Refrigeration & Air-Conditioning			
		Advanced IC Engines			
		Product design			

5	M.Tech. (Electronics & Communication Engg.)	Digital Electronics & Communication Systems	B.E./B.Tech. in ECE/AMIE in ECE, AMIE(Electronics and Telecommunication Engg). /AMIETE (Electronics & Telematics Engg.)/ Electronics & Computer Engg. / Electronics/ Electronics & Telematics or equivalent <b>M Sc (Electronics) is not eligible</b>	EC	EC
		Electronics & Communication Engg.			
		Communication Systems			
		Communication and Signal Progressing			
6	M.Tech. (D.S.C.E)	Digital Systems & Computer Electronics	B.E./B.Tech./AMIE in ECE / EEE / CSE / Electronics & Computers Engg./ ETE/ IT/CSIT/ Electronics & Control Engg./Instrumentation Engg./Instrumentation Technology / EIE / Electronics Engg./Bio-Medical Engg./ AMIETE and Electronics and Telematics Engg. / Electronics (or) equivalent	EC	EC
		Embedded Systems		EE	EE
		VLSI		CS	CS
		VLSI Design		IN	EI
		VLSI System Design			
		VLSI & Embedded Systems			
7	M.Tech. (Computer Science)	Computer Science	B.E./B.Tech./AMIE in any branch of Engg. / Tech. (or) equivalent Master's Degree in Physics, Statistics, Mathematics or Applied Mathematics, Applied Statistics, Applied Physics, Geophysics, M.Sc.(Comp. Sc.), M.Sc.(information Systems), Computer Applications and Electronics <b>MCA</b> , <b>M Sc (Electronics)</b> (or) Equivalent	CS	CS
		Computer Science & Engineering			
8	M.Tech. (Bio-Technology)	Bio-Technology	B.E./ B.Tech. / AMIE : Chemical Engg. / Bio-Technology / Biochemical Engg. / Bio-informatics /Industrial Biotechnology/Food Technology/ Agricultural Engg.  or M.Sc. in Env. Sciences/ Food Technology/Chemistry / Biochemistry / Microbiology / Biotechnology / Botony /Zoology/ B.V.Sc /M.B.B.S/ B.D.S. / B.Pharmacy	BT	BT
9	M.Tech. (Software Engg. and Information Technology)	Software Engineering	B.E./B.Tech. /AMIE in CSE/ CSIT/ Electronics & Computers Engg. /IT & Computer Science and Systems Engineering. <b>MCA(or)</b> Equivalent	CS	CS

10	M.Tech. (Computers & Communication)	Computer Networks	B.E./B.Tech. /AMIE in CSE/ECE/CSIT/ IT/ETM/EEE/EIE & CSSE / Electronics or equivalent	CS	CS
		Computer Networks and Information Security		EC	EC
		Artificial Intelligence		IN	EI
11	M.Tech. (Chemical Engg.)	Chemical Engineering	B.E./B.Tech./AMIE in Chemical Engg.  B.E. / B.Tech. Chemical Engineering / AMICHE, AMIE (CHEM) (or) Equivalent / Petroleum Engg / Petroleum Tech. / Petro-Chemical Engg	CH	CH
12	M. Pharmacy	Pharmacology	B. Pharmacy	GPAT	PY
		Pharmaceutical Chemistry			
		Pharmaceutics			
		Pharmaceutical Analysis and Quality Assurance			
		Pharmacognocny			
		Industrial Pharmacy			
		Pharmaceutical Technology			
		Pharmaceutical Analysis			
		Pharmacy Practice			
13	M.Tech. (Energy Systems)	Energy Systems	B.E./B.Tech./AMIE in Mechanical Engg. /EEE/Chemical Engg. (or) equivalent	ME CH EE	ME CH EE
14	M.Tech Reliability Engineering	Reliability Engineering	B.E./B.Tech./AMIE any Branch of Engineering	ANY Engg. GATE	ANY PGECET
15	M.Tech. (Nano-Technology)	Nano Technology  <b>(Proposed Programme for the academic year 2012-13)</b>	B.E./B.Tech. in any branch of Engineering (or) Equivalent Degree; M.Sc. in Chemistry / Physics /Biotechnology/ Earth Sciences / Environmental Science & Technology / Electronics/Geo Physics/Geology	<b>Relevant GATE Exam</b>	NT

## ACHARYA NAGARJUNA UNIVERSITY, GUNTUR

Specialization	Eligibility		
	Qualifying Degree	GATE/GPAT	PGECET Exam
M.Tech. Computer Science	B.Tech.(All Branches) M.Sc. Maths /Statistics /Physics /Electronics/ Computer Science) MCA	CS	CS
M.Tech. Bio-Technology	B.Tech. (Bio-Technology/Chemical Engg/Food Technology/Agriculture Engg) B.Pharmacy B.Sc. (agriculture/Veterinary Sci.) M.Sc. (Chemistry) M.Sc. (Any discipline in Life Sci.)	BT	BT
M.Pharmacy	B.Pharmacy	GPAT	PY

## UNIVERSITY COLLEGE OF PHARMACY, ANDHRA UNIVERSITY

Specialization	Eligibility		
	Qualifying Degree	GATE/GPAT	PGECET Exam
Pharmaceutical Tech Pharmaceutical Chemistry Pharm Bio-Tech Pharm Analysis & Quality Assurance Pharmacology Pharmacognosy Phyto Chemistry	B.Pharmacy degree from Andhra University or its equivalent degree recognized by Andhra University	GPAT	PY

## SRI KRISHNADEVARAYA UNIVERSITY, ANANTHAPUR

Course Name	Eligibility		
	Qualifying Degree	GATE Exam	PGECET Exam
M.Pharmacy	Pharmaceutics Pharmacology Computer Aided Drug Design(Advanced Pharmaceutical Chemistry)	GPAT	PY

**SRI PADMAVATHI MAHILA UNIVERSITY, TIRUPATHI**

<b>M.Pharm Specialization</b>	<b>Eligibility</b>		
	<b>Qualifying Degree</b>	<b>GATE Exam</b>	<b>PGECET Exam</b>
Pharmaceutics	B.Pharmacy	GPAT	PY
Pharmacology			
Pharmaceutical Chemistry			

**UNIVERSITY COLLEGE OF PHARMACEUTICAL SCIENCES, KU, WARANGAL**

<b>Specialization</b>	<b>Eligibility</b>		
	<b>Qualifying Degree</b>	<b>GATE/GPAT Exam</b>	<b>PGECET Exam</b>
Pharmaceutics (R) Pharmaceutics (SF) Pharmacognosy (R) Pharmacognosy (SF) Pharmaceutical Chemistry (R) Pharmaceutical Chemistry (SF) Pharmacology (R) Pharmacology (SF) Industrial Pharmacy (SF)	B.Pharmacy degree from Kakatiya University or its equivalent degree recognized by Kakatiya University	GPAT	PY

**M.TECH. COURSES OFFERED BY KAKATIYA UNIVERSITY, WARANGAL.**

<b>Course.</b>	<b>Specialization</b>	<b>Eligibility</b>		
		<b>Qualifying Degree</b>	<b>GATE Exam</b>	<b>PGECET Exam</b>
M.Tech	Structural & Construction Engineering	B.E. / B.Tech. / AMIE in Civil Engineering / Construction Engineering or equivalent. They should have qualified at GATE/ PGECET	CE	CE
M.Tech	Design Engineering	B.E. / B.Tech. / AMIE in Mechanical Engineering / Production Engineering / Industrial Engineering. They should have qualified at GATE / PGECET.	ME	ME

M.Tech	Digital Communication	B.E. / B.Tech. / AMIE in ECE, AMIE (Electronics & Telecommunication Engg. / AMIETE and Electronics & Telematics Engg. B.E. / B.Tech. In Electrical or Electrical & Electronics Engg. EIE and Bio-Medical Engg. Or equivalent. They should have qualified at GATE/ PGECET.	EC/IN	EC
M.Tech	Software Engineering	B.E. / B.Tech. / AMIE in any branch of Engg. / Tech. (Or) equivalent Master's Degree in Physics, Statistics, Mathematics, Applied Mathematics, Applied Statistics, Applied Physics, Geophysics, M.Sc. (Computer Science), M.Sc. (Information Systems) (Computer Applications & Electronics) and MCA or equivalent. They should have qualified at GATE/PGECET.	CS	CS
M.Tech	VLSI & Embedded System	B.E. / B.Tech. / AMIE in any branch of Engg. / Tech. (Or) equivalent Master's Degree in Physics, Statistics, Mathematics or Applied Mathematics, Applied Statistics, Applied Physics, Geophysics, M.Sc. (Computer Science), M.Sc. (Information Systems) (Computer Applications and Electronics) and MCA or equivalent.	CS	CS

## JNAFA University Hyderabad

S.No	Course	specialization	Eligibility		
			Qualifying Degree	GATE code	PGECET code
1	M.Tech	Planning	B.Tech (civil),B.Plan, B.Tech (plan), B.Arch, M.A, Sco/Eco,Geo	AR	AR
2	M.Tech	Property Development	B.Tech (civil),B.Plan, B.Tech(plan), B.Arch,	AR	AR
3	M.Tech	Construction Management	B.Arch or Equivalent	AR	AR
4	M.Tech	Interior Design	B.Arch or Equivalent	AR	AR