

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 M Sc (Electronics) is not eligible	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 MCA , M Sc (Electronics) (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. MCA(or) 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 (Proposed Programme for the academic year 2012-13)	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	Relevant GATE Exam	NT