

**ELIGIBILITY CRITERIA FOR ADMISSIONS INTO PG PROGRAMMES OF
JNTUA, ANANTHAPURAMU FROM THE YEAR 2018-19.**

S.No	Name of the Discipline	Specializations (code)	Eligibility		
			Qualifying Degree	GATE/ GPAT	PGE CET Exam
I	M.Tech. (Civil Engg.)	1. Structural Engineering	B.E./B.Tech./AMIE in Civil Engg./Construction Engg /Civil and Environmental Engg. Or equivalent	CE	CE
		2.Geotechnical Engineering			
		3.Computer Aided Structural Engineering			
		4.Water resources Engineering			
		5.Construction Planning & Management			
		6.Structural Engineering & Construction Management			
		7.Highway Engineering			
II	M.Tech. (Electrical & Electronics Engg.)	1. Electrical Power Engg	B.E./B.Tech./AMIE in Electrical & Electronics Engg. / Electrical Engg. Or Equivalent	EE	EE
		2. Electrical Power Systems			
		3. Power Electronics			
		4. Power & Industrial Drives			
		5.Power Electronics & Electrical Drives			
		6. Power Electronics and Drives			
		7. Power System			
III	M.Tech. (Electrical & Electronics Engg.)	8. Solar Power 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
		Control Systems			

IV	M.Tech. (Mechanical Engg.)	1.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
		2.Machine Design			
		3.Thermal Science & Energy Systems			
		4.Refrigeration & Air-Conditioning			
		5.Advanced IC Engines			
		6.Product design			
		7.Advanced Manufacturing Systems			
		8.Thermal Engineering			
		9.Production Engineering & Engineering Design			
		10.Production Engineering			
		11. Quality Engineering and Management			
V	M.Tech. (Electronics & Communication Engg.)	1.Digital Electronics & Communication Systems	B.E./B.Tech./AMIE in ECE/ Electronics and Telecommunications /Telecommunications/ Electronics & Telematics	EC	EC
		2. Electronics & Communication Engg.			
		3. Communication Systems			
		4.Communication and Signal Processing			
VI	M.Tech. (Electronics & Communication Engg.)	1.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 EE CS IN	EC EE CS EI
		2. Embedded Systems			
		3. VLSI Design			
		4. VLSI System Design			
		5. VLSI & Embedded Systems			
		6. Micro & Nano Electronics			
		7. VLSI and Embedded Systems Design			
		8. Embedded Systems and VLSI			
		9. Internet of Things *			
VII	M.Tech. (Computer Science & Engineering)	1. Computer Science	B.E./B.Tech./AMIE in CSE/CSIT/IT/CSSE, M.Sc.(Computer Science), M.Sc.(Information Systems), M.Sc.(Information Technology), MCA or Equivalent	CS	CS
		2. Computer Science & Engineering			
		3. Software Engineering			
		4. Computer Networks			
		5. Computer Networks and Information Security			
		6.Artificial Intelligence			
		7. Data Science *			

VIII	M.Tech. (Chemical Engg.)	Chemical Engineering	B.E. / B.Tech. Chemical Engineering / AMICHE, AMIE (CHEM) (or) Equivalent / Petroleum Engg / Petroleum Tech. / Petro-Chemical Engg.	CH PE	CH
IX	M.Tech. (Inter-disciplinary course offered by Chemical Engineering)	Environmental Engineering	B.Tech /B.E./AMIE Degree in Civil Engg./Chemical Engg./ Mechanical Engg./ Biotechnology/ Biochemical Engg./Environmental Engg. /Metallurgical Engg./Mining Engg./Petroleum Engg. / Petroleum Technology / Petrochemical Engg./ Petroleum Refining & Petroleum Engg./ Pharmaceutical Engg./Pharmaceutical Technology or M.Sc/M.S.in Applied Chemistry/ Environmental Chemistry/Industrial Chemistry from a recognized University.	BT CE CH ME MT	BT CE CH ME MT
X	M. Pharmacy	1. Pharmacology 2. Pharmaceutical Chemistry 3. Pharmaceutics 4. Pharmaceutical Analysis and Quality Assurance 5. Pharmacognocoy 6. Industrial Pharmacy 7. Pharmaceutical Technology 8. Pharmaceutical Analysis 9. Pharmacy Practice 10. Pharmaceutics-Drug Regulatory Affairs 11. Pharmaceutical Analysis & Quality Control 12. Hospital & Clinical Pharmacy 13. Pharm D (P.B)	B. Pharmacy	B.P	B.P
XI	M.Tech. (Inter disciplinary offered by Mechanical Engineering)	Energy Systems	B.E./B.Tech./AMIE in Mechanical Engg. /Automobile Engg. /Metallurgy/Industrial Engg./ Mechanical Engg. (Mechatronics), /Mechanical Engg. (Production)/ Aeronautical	ME CH EE	ME CH EE

		(You are requested to intimate that 13 out of 25 seats may be reserved of ME stream)	Engineering Production Engineering. /Industrial and Production Engineering / Mechatronics / Mining Engg./ Industrial Production/Mechanical Marine / or equivalent B.E./B.Tech./AMIE in Electrical & Electronics Engg./ Electrical Engg. Or Equivalent / B.E./ B.Tech. / AMIE in Chemical Engg. B.E. /B.Tech. Chemical Engineering / AMICHE, AMIE (CHCM)or Equivalent /Petroleum Engg /Petroleum Tech./Petro-Chemical Engg.		
XII	M.Tech (Inter disciplinary offered by EEE)	Reliability Engineering	B.E./B.Tech/AMIE any Brach of Engineering	ANY Engg GATE	ANY APPGECET Expect PY, GG,NT
XIII	M.Tech. (Inter disciplinary offered by Chemical Engineering)	Nano Technology	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	AE,BT,CE, CH,CS, EC,EE,IN, ME, MT, PI,TF, PH, GG, CY	AS,BT,CE, CH,CS, EC,EE,FT, ME, MT, NT, GG
XIV	M.Tech (Bio-Technology)	Bio-Technology *	B.Tech/ B.E in Bio-Technology/ B.Pharmacy or equivalent or B.Tech Chemical Engineering/ M.Sc.Chemistry/ Microbiology/ Bioinformatics/ Genetics/ Biotechnology or allied subjects	BT CH GPAT XL	BT

* New courses being introduced in this academic year 2018-19.

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