

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
(Established by Govt. of A.P., Act. No. 30 of 2008)
ANANTAPUR – 515 002 (A.P) INDIA

PROF. S. KRISHNAIAH
M.E., Ph.D.
REGISTRAR



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Lr.No.JNTUA/A&P/A1/Courses/-2019

Date:-14-02-2019

To
Prof.P.S. Avadhani
Convener, APPGECET-2019
Andhra Pradesh Post Graduate Engineering
Common Entrance Test APPGECET,
Andhra University, Visakhapatnam.

Sir,

Sub:- JNTUA – DAPO – Information of PG courses with specializations and
eligibility criteria – Reg.
Ref:- Lr.No: Nil, date: 09-02-2019.

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With the subject and reference cited above, I am herewith enclosing the
information of the PG courses offered under JNTUA and eligibility criteria of
different specialization for admission into M.E/M.Tech./M.Pharm. courses.

This for your kind information

Thanking you,

Yours faithfully,


for **REGISTRAR**

**ELIGIBILITY CRITERIA FOR ADMISSIONS INTO PG PROGRAMMES OF JNTUA,
ANANTHAPURAMU FROM THE YEAR 2019-20.**

S.No	Name of the Discipline	Specializations	Eligibility		
			Qualifying Degree	GATE/ GPAT	PGECET 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			
		8. Solar Power Systems			
III	M.Tech. (Electrical & Electronics 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
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 /	ME AE PI MT	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	Mechatronics / Mining Engg. / Industrial	MN	
		10. Production Engineering	Production / Mechanical		
		11. Quality Engineering and Management	Marine / or equivalent		
V	M.Tech. (Electronics & Communication Engg.)	1. Digital Electronics & Communication Systems	B.E./B.Tech./AMIE in ECE/	EC	EC
		2. Electronics & Communication Engg.	Electronics and Telecommunications		
		3. Communication Systems	/Telecommunications/		
		4. Communication and Signal Processing	Electronics & Telematics		
VI	M.Tech. (Electronics & Communication Engg.)	1. Digital Systems & Computer Electronics	B.E./B.Tech./AMIE in ECE / EEE / CSE / Electronics & Computers Engg./ ETE/	EC	EC
		2. Embedded Systems	IT/CSIT/ Electronics & Control	EE	EE
		3. VLSI Design	Engg./Instrumentation	CS	CS
		4. VLSI System Design	Technology / EIE /	IN	EI
		5. VLSI & Embedded Systems	Electronics Engg./Bio-Medical Engg./ AMIETE		
		6. Micro & Nano Electronics	and Electronics and Telematics Engg. /		
		7. VLSI and Embedded Systems Design	Electronics or equivalent		
		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,	CS	CS
		2. Computer Science & Engineering	M.Sc.(Computer Science),		
		3. Software Engineering	M.Sc.(Information Systems),		
		4. Computer Networks	M.Sc.(Information Technology),		
		5. Computer Networks and Information Security	MCA or Equivalent		
		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	BT CE CH ME MT	BT CE CH ME MT

			Engg./Pharmaceutical Technology or M.Sc/M.S.in Applied Chemistry/ Environmental Chemistry/Industrial Chemistry from a recognized University.		
X	M. Pharmacy	1.Pharmacology 2.Pharmaceutical Chemistry 3.Pharmaceutics 4.Pharmaceutical Analysis and Quality Assurance 5. Pharmacognocny 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 (You are requested to intimate that 13 out of 25 seats may be reserved of ME stream)	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 / 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.	ME CH EE	ME CH EE
XII	M.Tech (Inter	Reliability Engineering	B.E./B.Tech/AMIE any Brach of Engineering	ANY Engg GATE	ANY APPGECET

	disciplinary offered by EEE)				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