

Jawaharlal Nehru Technological University Hyderabad
Kukatpally, Hyderabad - 500 085, Andhra Pradesh, India

**ELIGIBILITY CRITERIA OF M.TECH./M.PHARM PROGRAMMES FOR
JNTUH FOR THE ACADEMIC YEAR 2014-15**

S.No	Name of the PG Programme	Specializations	Eligibility	Test 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. Environmental Engineering Construction Management	B.E./B.Tech./AMIE in Civil Engg./ Construction Engg (or) equivalent/ Civil and Environ-mental Engg.	CE
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.	EE
3	M.Tech. (Control Engg.)	Control Systems Instrumentation and Control Systems Control Engg.	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	EE/EC /EI

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	ME
		CAD / CAM		
		Engineering Design		
		Machine Design		
		Computer Aided Design and Manufacture		
		Production Engineering		
	Industrial Engineering & Management	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./ Mining Machinery (or) equivalent		
	Design for Manufacturing / Design and Manufacturing			
	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./ Mining Machinery (or) equivalent	ME	
	Thermal Engineering			
	Heating Ventilation & Air Conditioning			
	Mechatronics			

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 M Sc (Electronics) is not eligible	EC
		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	EC/EE /CS/E I
Embedded Systems				
VLSI				
VLSI Design				
VLSI System Design				
VLSI & Embedded Systems / Electronic Design Technology				
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
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
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
		Bio-Chemical Engg.		

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
		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 /EC/E I
		Computer & Communications / Computers & Communication Engg.		
		Real Time Systems		
		Computer Networks		
		Computer Networks and Information Security		
		Digital Image Processing		
		Cyber Forensic & Information Security / Cyber Security	B.E./B.Tech. /AMIE in CSE/ CSIT/ IT/CSSE equivalent (or) MCA	
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
		Chemical Technology		
13.	M. Pharmacy	Pharmacology	B. Pharmacy	PY
		Pharmaceutical Chemistry		
		Pharmaceutics		
		Pharmaceutical Analysis and Quality Assurance		
		Hospital and Clinical Pharmacy		
		Quality Assurance		
		Pharmacognocny		
		Industrial Pharmacy		
		Pharmaceutical Management & Regulatory Affaires		
		Pharmaceutical Technology		
		Quality Assurance & Pharma Regulatory Affaires		
14	M.Tech. (Electronics & Instrumentation)	Electronics & Instrumentation	B.E. / B.Tech. in ECE, EEE, EIE,ICE, AMIE / AMIETE (or) Equivalent	EI/EC /EE
15.	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 &	NT

			Technology/ Electronics or Equivalent Degree.	
16.	M.Tech. (Energy Systems)	Energy Systems Power Plant Engineering and Energy Management	B.E./ B.Tech./ AMIE in Mechanical/ EEE/ Chemical Aeronautical / Automobile/ Mechanical (Production)/ Mechanical (Mechatronics) / Metallurgy/ Metallurgy & Material Tech. / Agriculture Engg. / Mining Engg./ Mining Machinery (or) equivalent.	MT/A S/ EE / ME/C H
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.	EM

18	M.Tech	Spatial Information Technology	B.E. / B.Tech. / AMIE in any Engg including Agriculture, Environmental / B.Tech Planning (but excluding Biotech/ Metallurgical / 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.	GG
		Geo-informatics and Surveying Technology/ Geo-Informatics		
		Remote Sensing		
19	M.Tech.	Water and Environmental Technology	Graduate in Engg. or Post Graduate in Sciences	EM
20.	M.Tech. (Aerospace Engineering)	Aerospace Engineering Aeronautical Engineering	B.E./ B.Tech. or equivalent degree (Aeronautical / Aerospace / Mechanical / Marine Engineering / Mechatronics/ Naval Architecture) / AMIE in Mechanical.	AS
21	M.Tech Bio-Medical Engg.	Biomedical Signal Processing and Instrumentation	B.E. / B.Tech. in BME/ICE/ECE branches	
22	M.Tech (Metallurgical Engg)	Metallurgical Engineering	B.E./ B.Tech./ AMIE in Metallurgy/Mechanical Engg./ Automobile Engg./ Industrial Engg./ Mechanical (Production)/ Mechanical (Mechatronics) / Production Engg./ Industrial and Production Engg./ Marine Engg. / Mining Engg. (or) equivalent.	