

Details of PG programs offered in Constituent Colleges / Units of JNUTK, Kakinada – 2022-2023

Disp. No.	Name of the Discipline/Branch	M.Tech - Specialization	College/ Institute	Fee / Semester	Eligibility (Qualifying Degree)
1.	Civil Engg.	1.Structural Engineering	UCEK	Rs. 25000/-	B.E./B.Tech./AMIE in Civil Engg./ Construction Engg (or) equivalent/Civil and Environmental Engg.
		2.Soil Mechanics and Foundation Engineering	UCEK	Rs. 25000/-	
		3.Hydraulics and Water Resource Engineering	UCEK	Rs. 25000/-	
2.	Electrical & Electronics Engg.	1.High Voltage Engg	UCEK	Rs. 25000/-	B.E./B.Tech./AMIE in Electrical & Electronics Engg. (or) Equivalent/ Electrical Engineering.
		2.Advanced Electrical Power Systems	UCEK	Rs. 25000/-	
		3.Power Electronics and Drives	UCEK	Rs.25000/-	
		1.Power Electronics	UCEN	Rs.25000/-	
3	Mechanical Engg.	1.CAD / CAM	UCEK	Rs. 25000/-	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.
		2.MachineDesign	UCEK	Rs. 25000/-	
		3.Thermal Engineering	UCEK	Rs. 25000/-	
4	Electronics & Communication Engg.	1.Instrumentation and Control Systems	UCEK	Rs. 25000/-	B.E./B.Tech./AMIE in EEE/ECE/EIE/ E.Cont.E / Electronics & Computer Engg./ Instrumentation Engg./ Instru. Tech./ Electronics Engg. / Bio-Medical Engg. / (or) Equivalent / Electrical Engg. / Electronics and Control / Electronics / Instrumentation and Control / Electronics and Telematics.

		2. Computers & Communication Engg.	UCEK	Rs. 25000/-	B.E./B.Tech./AMIE in CSE/ECE/CSIT/IT/ETM/EEE/EIE& CSSE equivalent. M.Sc (Electronics) is not eligible.
		3.VLSI & Embedded Systems	UCEK	Rs. 25000/-	B.E./B.Tech./AMIE in ECE/ AIME (Electronics and Telecommunication Engineering / AMIETE (Electronics & Telematics Engg.)/ (Electronics & Computer Engg (or) Equivalent. M.Sc (Electronics) is not eligible.
		4. Communication Engg. and Signal Processing	UCEK	Rs. 25000/-	B.E./B.Tech./AMIE in ECE/ AIME (Electronics and Telecommunication Engineering / AMIETE (Electronics & Telematics Engg.)/ (Electronics & Computer Engg (or) Equivalent. M.Sc (Electronics) is not eligible.
5	Computer Science and Engineering	1.Computer Science & Engineering	UCEK	Rs. 25000/-	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 MCA , M Sc (Electronics) (or) Equivalent
		2.Information Technology	UCEK	Rs. 25000/-	B.E./B.Tech /AMIE in CSE / CSIT / Electronics & Computers Engg./ IT & Computer Science and Systems Engineering. Equivalent (or) MCA
		3.Cyber Security	UCEK	Rs. 25000/-	
6	Computer Science and Engineering	1.Computer Science & Engineering	UCEN	Rs. 25000/-	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 MCA , M Sc (Electronics) (or) Equivalent

7	Bio-Technology	Bio-Technology	IST	Rs. 25000/-	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
8	Nano Technology	Nano Technology	IST	Rs. 25000/-	B.E./B.Tech. in Nano Technology/ Chemical / Mechanical / Aeronautical / Electronics/ Electrical / Computer Engg./ Bio-Technology / Material Science (or) equivalent degree M.Sc in Chemistry / Physics / Bio-Technology / Earth Science / Environmental Science & Technology / Electronics or equivalent degree.
9	Remote Sensing	Remote Sensing	IST	Rs. 25000/-	B.E./B. Tech./AMIE any branch in Engineering or M. Sc (Maths) /(Physics) /Geology/Env. Science & Tech (life Science, Botany, Chemistry are not eligible)
10	Food Processing Technology.	Food Processing Technology.	University	Rs. 25000/-	B.E./B.Tech. or equivalent degree in Food Technology/ Food Science/ Food Engineering / Bio Technology/Dairy/ Agricultural Engineering (or) M. Sc. in Food Technology/ Food Science & Nutrition / Bio Technology/ Chemistry/Dairy Tech.
11	Avionics	Avionics	IST	Rs. 25000/-	B.E./B.Tech. or equivalent degree in Electronics and Communication Engg. /Electronics/ Electrical and Electronics/Electrical/CSE/Information Technology/ EIE/ Electronics and Control

12	School of Renewable Energy & Environment	1. Renewable Energy	IST	Rs. 25000/-	B.E. / B.Tech. / AMIE in Electrical and Electronics Engg/ Mechanical Engineering
		2. Environmental Engineering and Management	IST	Rs. 25000/-	B.E./B.Tech./AMIE in Civil Engg., Chemical Engineering, Civil and Environmental Engineering
13	Environmental Occupational Health & Safety	Environmental Occupational Health & Safety	IST	Rs. 25000/-	B. E./B.Tech./ AMIE (For all Engineering branches and related courses)
14	Pipeline Engineering	Pipeline Engineering	UCEK	Rs. 25000/-	B.E./B.Tech./AMIE/ AMICHE in Chemical /Petrochemical/ Petroleum/ Mechanical/ Instrumentation/ Civil/ Electrical/ Geo-Science Engineering or Equivalent
15	Petroleum Engineering	Petroleum Engineering	UCEK	Rs. 25000/-	B.E./B. Tech. /AMIE / AMICHE in chemical Engineering /Petrochemical Engineering /Petroleum Engineering /Applied Petroleum Engineering /Geo-Science Engineering /Mechanical Engineering or Equivalent
16	MBA	MBA(CMU) SF Course	SMS	I year Rs. 150000/- (Rs.75000 per Semester) + II year \$12000 USD (Approximately) (Excluding living expenses)	4 years UG degree with 60% marks after 10+2. Preference will be given to ICET - 2022 qualified candidates. After 1st year completion at JNTUK, those who will fulfill the requirements of CMU (USA) will be admitted in to II nd year at CMU(USA). Requirements and details can be obtained from School of Management Studies (SMS), JNTUK.

UCEK: University College of Engg., Kakinada; IST: Institute of Science & Technology (JNTUK campus) : SMS :School of Management Studies (JNTUK campus) UCEN: University College of Engg., Narasaraopet.

NOTE: (i) The number of seats may change in the above categories

(ii) The above vacancies are for employees who have put up one year of service and working in Industry / Educational or Research Units & Sponsored by respective employers. However if sufficient candidates are not turned up, the service may be relaxed.

(iii) If sufficient number of candidates are not available, the course/program will not be offered.

(iv) APPGECET guidelines may be referred for any other information or clarification.