

Details of PG programs offered in Constituent Colleges / Units of JNUTK, Kakinada - 2019-20

Disp. No.	Name of the Discipline/Branch	M.Tech -Specialization	College/ Institute	Fee / Semester	No. of Sponsored Seats	Eligibility (Qualifying Degree)
1.	Civil Engg.	1.Structural Engineering	UCEK	Rs. 25000/-	05	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/-	05	
		3.Hydraulics and Water Resource Engineering	UCEK	Rs. 25000/-	05	
2.	Electrical & Electronics Engg.	1.High Voltage Engg	UCEK	Rs. 25000/-	05	B.E./B.Tech./AMIE in Electrical & Electronics Engg. (or) Equivalent/ Electrical Engineering.
		2.Advanced Electrical Power Systems	UCEK	Rs. 25000/-	05	
		3.Power Electronics and Drives	UCEK	Rs.25000/-	05	
		4.Advanced Power Systems	UCEV	Rs. 25000/-	05	
3	Mechanical Engg.	1.CAD / CAM	UCEK	Rs. 25000/-	05	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.Machine Design	UCEK	Rs. 25000/-	05	
		3.Thermal Engineering	UCEK	Rs. 25000/-	05	
		4.Thermal Engineering	UCEV	Rs. 25000/-	05	
4	Electronics & Communication Engg.	1.Instrumentation and Control Systems	UCEK	Rs. 25000/-	05	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/-	05	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/-	05	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. M.Sc (Electronics) is not eligible.
		4. Communication Engg. and Signal Processing	UCEK	Rs. 25000/-	05	B.E./B.Tech in ECE/AMIE in ECE/AMIE (Electronics and Telecommunication Engineering/AMIETE (Electronics & Telematics Engg.) / (Electronics & Computer Engg.) or equivalent. M.Sc. (Electronics) is not eligible.
		5. Systems. and Signal Processing	UCEV	Rs. 25000/-	05	
5	Computer Science and Engineering	1.Computer Science & Engineering	UCEK	Rs. 25000/-	05	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/-	05	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/-	05	
		4.Computer Science & Engineering	UCEV	Rs. 25000/-	05	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
6	Information Technology	Information Technology	UCEV	Rs. 25000/-	05	B.E./B.Tech /AMIE in CSE / CSIT / Electronics & Computers Engg./ IT & Computer Science and Systems Engineering. Equivalent (or) MCA

7	Bio-Technology	Bio-Technology	IST	Rs. 25000/-	05	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/-	05	B.E./B.Tech. in 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/-	05	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/-	05	B.E./B.Tech. or equivalent degree in Food Technology/Food Engineering / Bio Technology/Dairy/ Food Science./ Agricultural Engineering, M.Sc. in (Food Technology/ Food Science & Nutrition / Bio Technology/ Chemistry/Dairy Tech.)
11	Avionics	Avionics	IST	Rs. 25000/-	05	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/-	05	B.E. / B.Tech. / AMIE in Electrical and Electronics Engg/ Mechanical Engineering
		2.Environmental Engineering and Management	IST	Rs. 25000/-	05	B.E./B.Tech./AMIE in Civil Engg., Chemical Engineering, Civil and Environmental Engineering.
13	Pipeline Engineering	Pipeline Engineering	UCEK	Rs. 25000/-	05	B.E./B.Tech./AMIE/ AMICHE in Chemical /Petrochemical/ Petroleum/ Mechanical/ Instrumentation/ Civil/ Electrical/ Geo-Science Engineering or Equivalent

14	Petroleum Engineering	Petroleum Engineering	UCEK	Rs. 25000/-	05	B.E./B.Tech./AMIE/ AMICHE in Chemical Engg./Petrochemical Engg./ Petroleum Engg./ Applied Petroleum Engineering/ Geo-Science Engineering/ Mechanical Engineering or Equivalent
15	Material Science and Technology	Material Science and Technology	UCEV	Rs. 25000/-	05	B.E./B.Tech./AMIE (Mechanical Engg., Metallurgy)
16	Environmental Occupational Health & Safety	Environmental Occupational Health & Safety	IST	Rs. 25000/-	05	B. E./B. Tech./AMIE for all engineering branches and related courses

UCEK: University College of Engg., Kakinada; UCEV: University College of Engg., Vizianagaram; IST: Institute of Science & Technology (JNTUK campus).

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.