

# OSMANIA UNIVERSITY, HYDERABAD

## PG Courses offered with eligibility Criteria for the Academic year 2018-2019

**Note:** There may be some changes in the specializations offered by the University for the current academic year i.e. 2018-2019. The changes if any will be updated in due course.

Sl. No.	Name of the Discipline	Specializations / Courses	Eligibility		
			Qualifying Degree	GATE / GPAT Exam	PGECET Exam
1.	Civil Engineering	Transportation Engg. (Self – Finance)	B.E./B.Tech./AMIE in Civil Engg./ Construction Engg. (or) Equivalent	Civil Engg. (CE)	Civil Engg. (CE)
		Structural Engg.,			
		Geotechnical Engg.			
		Water Resources Engineering			
		Infrastructure Engg. (Self -Finance)			
		Construction Engineering & Management (Self – Finance)	B.E./B.Tech./AMIE in Civil Engg./ Construction Engg. (or) Equivalent & B. Arch.		
2.	Electrical Engineering	Industrial Drives & Controls	B.E./B.Tech./AMIE in Electrical Engg. (or) equivalent	Electrical Engg. (EE)	Electrical Engg. (EE)
		Power Systems & Power Electronics			
		Power Systems Engg.			
		Power Electronics Systems (Self- Finance)	B.E./B.Tech./AMIE in Electrical Engg. (or) equivalent B.E./B.Tech in Instrumentation Engg.		
3.	Mechanical Engg.	CAD / CAM	B.E./B.Tech/AMIE in Mechanical Engg., Automobile Engg., Mechanical Engg. (Mechatronics), Mechanical Engg. (Production Engg.), Aeronautical Engg., Industrial Engg., Production Engg., Industrial and Production Engg., Marine Engg. (or) Equivalent	i) Mechanical Engg. (ME) ii) Production & Industrial Engg. (PI) iii) AE	Mechanical Engg. (ME)
		Production Engg			
		Turbo-machinery			
		Automation and Robotics			
		Advanced Design and Manufacturing			
4.	Electronics & Comm. Engg.	Systems & Signal Processing	B.E./B.Tech in ECE/AMIE in ECE, AMIE (Electronics and Telecommunication Engg.) /AMIETE (Electronics) & Telematics Engg.) (or) Equivalent	Electronics & Communication Engg. (EC)	Electronics & Communication Engg. (EC)
		Digital Systems Engg			
		Microwave & Radar Engg.			
		Communication Engg.			
		Embedded Systems and VLSI Design (Self- Finance)			

5.	Computer Science	Computer Science & Engg.	B.E./B .Tech./AMIE in any branch of Engg./Tech. (or) Equivalent Masters Degree in Physics, Statistics, Mathematics or Applied Mathematics, Applied Statistics, Applied Physics, Geophysics, M.Sc. (Co mp. Sc.), M.Sc. (Information Systems), (Computer Applications and Electronics) and MCA (or) Equivalent	Computer Science & Engg. (CS)	Computer Science & Information Technology (CS)
		Parallel and Distributed Systems (Self-Finance)			
		Embedded Computing Systems (Self-Finance)	B.E./B.Tech/AMIE in Computer Science/IT	Computer Science & Engg. (CS)	Computer Science & Engg. (CS)
6.	Bio-Medical Engg.	Bio-Medical Electronics (Self-Finance)	B.E./B .Tech./AMIE in Biomedical Engg or ECE or EE or EIE or Equivalent.	i.) Electronics & Comn. Engg. (EC) ii.) Electrical Engg. (EE) iii.) Instrumentation (IN)	Biomedical Engg. (BM)
7.	Bio-Chemical Engg. & Bio-Technology	Bio- Chemical Engg. & Bio-Technology (Self-Finance)	B.E./B.Tech. equivalent Chemical Engg./Bio-Technology/Bio-Chemical Engg./Food Tech. /Dairy Tech/B.Pharmacy.	i)Chemical Engg. (CH) ii) Pharmaceutical Sciences (GPAT) iii) Bio-Tech (BT)	Biotechnology (BT)
8.	Chemical Engg.	i) Chemical Reaction Engg. ii) Plant Design iii) Process Dynamics & Control iv) Environmental Engineering (Self-Finance)	B.E./B .Tech. in Chemical Engg.	Chemical Engg. (CH)	Chemical Engg. (CH)
9.	Chemical Technology	i)Technology of Pharmaceuticals & Fine Chemicals ii) Materials Science & Technology	B.E./B .Tech. in Chemical Engg.	Chemical Engg. (CH)	Chemical Engg. (CH)
10.	Food Technology	Food Processing Technology (Self-Finance)	B.Tech (Food Technology) B.Tech (Food Processing Technology), B.Tech (Food Processing and Preservation Technology), B.Tech (Food Science and Technology) B.Tech (Food Science), B.Tech (Food Process Engineering), B.Tech (Food Engineering), B Tech (Dairy Technology) B Tech (Dairy Science), B.Tech (Fermentation Technology) B.Tech (Oils and Fats) or M.Sc (Food Technology), M.Sc (Food Science & Technology), M.Sc (Dairy Tech), M.Sc (Marine Technology), M.Sc (Food Technology and Management)	XE XL	FT

13.	Textile Technology	Apparel Technology (Self-Finance)	B.Tech. Textile Technology/Textile Chemistry/Man Made Fiber Technology/Textile Plant Engineering/Textile Engineering / Fiber Science & Technology/Apparel Technology/Fashion Technology) or A.M.I.E (Textile Engineering)	TF	TX
12.	M. Pharmacy (Self-Finance)	i) Pharmaceutics ii) Pharmacology iii) Pharmaceutical Chemistry iv) Pharmaceutical Analysis & Quality Assurance v) Pharmacognosy vi) Pharm.D (PB)	B. Pharmacy	Pharmaceutical Science (GPAT)	Pharmacy (PY)