



AU COLLEGE OF ENGINEERING (A)- VISAKHAPATNAM
PG Courses offered with eligibility criteria for the Academic Year 2018-19

| S.No | Department | Course | A | B | C | Total | Eligibility | GATE Exam | PGECET exam |
|------|------------------------|---|----|----|---|-------|---|------------------|----------------|
| 1 | Chemical Engineering | M.Tech. Chemical Engineering | 18 | 2 | 5 | 25 | B.Tech. Chemical Engineering of AU or its equivalent, AMIE (Chem.), AMIICHE with a regular diploma in Chemical Engineering . | CH | CH |
| | | M.Tech. Mineral Process Engineering | 13 | - | 5 | 18 | | | |
| | | M.Tech. Industrial Pollution Control Engineering | - | 13 | 5 | 18 | | | |
| | | M.Tech. Computer Aided Chemical Engineering | - | 13 | 5 | 18 | | | |
| | | M.Tech. Bio Technology | 5 | 8 | 5 | 18 | B.Tech. Chemical Engineering or B.Tech. Bio-Technology or B.Pharmacy. of AU or its equivalent, AMIE (Chem.), AMIICHE with a regular diploma. Where as M.Sc. with any specialization is NOT eligible | CH BT GPAT | BT CH PY |
| 2 | Civil Engineering | M.Tech. Structural Engineering | 8 | 5 | 5 | 18 | B.E. Civil Engineering of AU or its equivalent, AMIE with a regular Diploma in Civil Engineering | CE | CE |
| | | M.Tech. Hydraulics, Coastal & Harbor Engineering | 8 | 5 | 5 | 18 | | | |
| | | M.Tech. Soil Mechanics & Foundation Engineering | 8 | 5 | 5 | 18 | | | |
| | | M.Tech. Structural Engineering & Natural Disaster Mgmt. | - | 13 | 5 | 18 | | | |
| | | M.Tech. Environmental Engineering & Mgmt. | 8 | 5 | 5 | 18 | B.E. Civil Engineering of AU or its equivalent, AMIE with a regular Diploma in Civil Engineering | CE | CE |
| 3 | Electrical Engineering | M.Tech. Power Sys. & Automation | 10 | 3 | 5 | 18 | B.E. (EEE) of AU or its equivalent. AMIE with a regular diploma in Electrical Engineering. | EE | EE |
| | | M.Tech. Control Systems | 10 | 3 | 5 | 18 | | | |

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| 4 | Mechanical Engineering | M.Tech. Industrial Engineering | 13 | - | 5 | 18 | B.E/B.Tech. of AU or its equivalent/AMIE with a regular Diploma in respective branch | Any Engg. GATE | Any PGECET except PY, AS |
| | | M.Tech. Machine Design | 8 | 5 | 5 | 18 | B.E/B.Tech. (Mech.) of AU or its equivalent/AMIE (Mech.) with a regular Diploma. | ME | ME |
| | | M.Tech. Heat Transfer in Energy system | 5 | 8 | 5 | 18 | | | |
| 5 | Geo-Engineering | M.Tech. Geo-Engineering | 4 | 3 | 5 | 12 | B.E. (Civil)/ B.Tech (Geo-informatics) or M.Sc. Geology or Geo Physics or Marine Geology/Geography/ Resource Development Technology/ Met. Oce. Of AU or its equivalent, AMIE (Civil) with a regular diploma. | CE GG | GG CE |
| | | M.Tech. Remote Sensing | 10 | 3 | 5 | 18 | B.E/B.Tech./ AMIE in any Engg with a regular diploma Or Master's Degree in Science. | Any GATE score | Any PGECET except PY, AS |
| 6 | Marine Engineering | M.Tech. Marine Engineering & Mechanical Handling | 6 | 7 | 5 | 18 | B.E. (Mech.)/ B.E. Mech. (Marine Engg. as elective) of AU or its equivalent, B.E. (Naval Architecture),AMIE with a regular diploma. | NAME | ME |
| 7 | Electronics & Communications Engineering | M.Tech Radar & Microwave Engg. | 13 | - | 5 | 18 | B.E. (ECE,E&TM)/M.Sc. Electronics of AU or its equivalent, AMIETE (Telecom), AMIE (Electronics) with a regular diploma. | EC | EC |
| | | M.Tech. (VLSI) | -- | 10 | 5 | 15 | | | |
| | | M.Tech. Electronic Instrumentation | 6 | 1 | 5 | 18 | B.E./ B.Tech. (ECE) of AU or its equivalent, AMIE (Electronics) with a regular diploma. | EC | EC |
| | | | 6 | - | | | B.E./ B.Tech. (EEE, E&I, E&TM), Instrument Technology of AU or its equivalent, AMIETE, AMIE with a regular diploma. | EI EE | EI EE |
| | | M.Tech Bio-Medical Engineering | - | 13 | 5 | 18 | B.E./ B.Tech. or B.Pharm. of AU or its equivalent & MBBS, AMIE, AMIETE with a regular diploma. | Any Engg. GATE GPAT | Any PGECET except AS |
| 8 | Instrumentation Technology | M.Tech. Instrumentation Engineering | - | 13 | 5 | 18 | B.E./ B.Tech. (Inst. Tech. , E&I, Inst. & control) & B.E./ B.Tech. (ECE /EEE) of AU or its equivalent. Up to 30% of seats for B.E./ B.Tech. ECE /EEE of AU or its equivalent, AMIE with a regular diploma Whereas M.Sc., M.Sc. (Tech.) Instrumentation are NOT eligible. | IN | EI |
| 9 | Metallurgical Engineering | M.Tech. Industrial Metallurgy | - | 13 | 5 | 18 | B.E./B.Tech. (Metallurgy) of AU or its equivalent /Metallurgical & Material Engineering or AMIIM with a regular diploma. | MT | MT |

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| 10 | Computer Science & System Engineering | M.Tech. Computer Science & Technology | 26 | - | 4 | 30 | BE/B.Tech./ Regular M.Sc. in Information Systems, Maths/Applied Maths/Physics/Electronics/Computer Science/Statistics, Regular MCA of AU or its equivalent. AMIE with regular diploma in the relevant branch | CS | CS |
| | | M.Tech. CST with AI & Robotics | - | 13 | 5 | 18 | | | |
| | | M.Tech. CST with Computer Networks | - | 13 | 5 | 18 | | | |
| | | M.Tech. CST with Bio Informatics | - | 13 | 5 | 18 | | | |
| | | M.Tech. Information Technology | 13 | - | 5 | 18 | | | |
| 11 | Nanotechnology | M.Tech. Nanotechnology | - | 13 | 5 | 18 | Any B.E. or B.Tech. of AU or its equivalent, M.Sc (Electronics), M.Sc (Physics) and M.Sc. (Chemistry) | Any Engg. GATE or NST score | Any PGECET except PY, AS |

UNIVERSITY COLLEGE OF PHARMACY, ANDHRA UNIVERSITY

| Name of the Discipline | Specialization | Eligibility | | |
|--------------------------------------|--|-------------------|------------------|-------------|
| | | Qualifying Degree | GATE / GPAT Exam | PGECET Exam |
| M. Pharmacy | Pharmacology Pharmaceutical Chemistry Pharmaceutical Technology Pharmacognosy and Photochemistry Pharmaceutical Bio-Technology Pharmaceutical Analysis & Quality Assurance Pharmacy Practice Pharmaceutical Management and Drug Regulatory Affair | B. Pharmacy | GPAT | PY |
| Pharm.D (PB) (Post Baccalaureate) | --- | B. Pharmacy | GPAT | PY |

NOTE:

- A. Seats available with UGC Fellowships
- B. Seats available without Fellowships
- C. Sponsored seats

GATE Codes:

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|------|---|
| CH | Chemical Engineering |
| BT | Bio Technology |
| CE | Civil Engineering/Civil-Environmental |
| EE | Electrical Engineering |
| ME | Mechanical Engineering |
| NAME | Naval Architecture/Marine Engineering |
| EC | Electronics & Communication Engineering |
| EI | Electronics/Instrumentation |
| MT | Metallurgical Engineering/Industrial Metallurgy |
| CS | Computer Science & Engineering/Technology |
| NST | Nano Science & Technology |
| GG | Geology/Geophysics |
| GPAT | Graduate Pharmacy Aptitude Test |
| AS | Aerospace Engineering |
| PY | Pharmacy |