

APPENDIX-I:

COURSES OFFERED AND ELIGIBILITY CRITERIA FOR ADMISSION

(All P.G. Courses are of two years duration unless & otherwise specified)

Admissions shall be made based on rank obtained in Entrance Exam in AUCET-2019

Test Code	Test Name	Course Code	Course Name	Eligibility
101	LIFE SCIENCES	10101	M.Sc. Biochemistry	B.Sc./B.Sc. (Vocational) Chemistry/ Biochemistry as one of the three subjects (as main wherever applicable) and B.Sc. (Vocational) with Food Science & Quality Control.
		10102	M.Sc. Biotechnology	B.Sc./B.Sc. (Vocational) with any two of the following subjects: Biotechnology, Biochemistry, Botany, Zoology, Chemistry, Microbiology, Environmental Sciences, Human Genetics, Fisheries, Aquaculture and Mathematics, B.Sc. (Vocational) with Food Science & Quality Control.
		10103	M.Sc. Agricultural Biotechnology offered in Department of Botany	B.Sc./B.Sc. (Vocational) with any two of the following subjects: Botany, Biotechnology, Microbiology, Biochemistry, Horticulture, Agriculture, Forestry, Genetics, Chemistry, Environmental Sciences, Seed Technology, Zoology, B.Sc. (Vocational) with Food Science and Quality Control. or 4 years B.Sc. (Agriculture).
		10104	M.Sc. Horticulture & Landscape Management	
		10105	M.Sc. Environmental Sciences	B.Sc. / B.Sc. (Vocational) with Chemistry and any two of the Life Science Subjects as Optionals. B.E.M / B.Sc.(Ag) / B.Sc. (Vocational) with Food Science & Quality Control.
		10106	M.Sc. Foods, Nutrition & Dietetics	B.Sc. with any life science subject as one of the subjects in Part-II. B.Sc. Home Science, B.Sc. (Vocational) Food Science & Quality Control and B.Sc. with Nutrition as one of the subjects.
		10107	M.Sc. Botany	B.Sc. Botany with any other two science subjects including vocational subjects.
		10108	M.Sc. Human Genetics	B.Sc. with any three of the following subjects: Botany, Zoology, Chemistry, Biochemistry, Genetics, Human Genetics, Biotechnology, Microbiology and Medical Lab Tech.

Test Code	Test Name	Course Code	Course Name	Eligibility
101	LIFE SCIENCES	10109	M.Sc. Marine Biology and Fisheries	B.Sc./B.Sc. Vocational Zoology (as main wherever applicable) and any other two science subjects (or) B.Sc. Fisheries / BFSC.
		10110	M.Sc. Coastal Aquaculture & Marine Biotechnology	
		10111	M.Sc. Marine Biotechnology	
		10112	M.Sc. Zoology	B.Sc./B.Sc. Vocational Zoology (as main wherever applicable) and any other two science subjects.
		10113	M.Sc. Microbiology	B.Sc./B.Sc. (Vocational) with a combination of any two of the following subjects: Microbiology, Biochemistry, Botany, Zoology, Chemistry, Human Genetics, Environmental Sciences, Home Science, Dairy Sciences, Fisheries, App. Nutrition, Nutrition & Dietetics, Biotechnology, Medical Lab Technology, Public Health, Nursing, Plant Protection, Agriculture and Horticulture, Forestry, B.Sc. Agriculture, B.Sc. Home Science.
		10114	M.Sc. Fishery Science	B.Sc. Zoology (as main wherever applicable) and any other two science subjects / B.Sc. with Aquaculture, Fisheries and Industrial Fisheries.
		10115	M.Sc. Home Science (2years Self-finance) offered in St. Joseph's College for Women(A), VSP	10+2+3 with Food and Nutrition / Food Technology or Composite/General Home Science at B.Sc. level / B.Sc. with Chemistry and Life Sciences.
		10116	M.Sc. Anthropology offered in Department of Anthropology, Arts College	B.Sc. with any Life Science subject.
102	PHYSICAL SCIENCES	10201	M.Sc. Physics	B.Sc. with Physics (as main wherever applicable), Mathematics and any other non-biological science subject.
		10202	M.Sc. Space Physics	
		10203	M.Sc. Nuclear Physics	
		10204	M.Sc.(Tech.) Geophysics (3 years duration)	
		10205	M.Sc. Marine Geophysics	
		10206	M.Sc. Meteorology	B.Sc. with Physics and Mathematics.
		10207	M.Sc. Physical Oceanography	
		10208	M.Sc. Electronics (Instrumentation)	B.Sc., with Electronics (as main wherever applicable), Mathematics and any other subject. B.Sc. Mathematics, Physics and any other subject with P.G. Diploma in Electronics, P.G. Diploma in Instrumentation.
Test Code	Test Name	Course Code	Course Name	Eligibility

103	MATHEMATICAL SCIENCES	10301	M.Sc. Applied Mathematics	B.Sc. Mathematics and Physics (as main wherever applicable) or B.Sc. Mathematics with Physical Sciences in Intermediate or 10+2 level.
		10302	M.A./M.Sc. Mathematics	B.A/B.Sc. Mathematics (as main wherever applicable)
		10303	M.Sc. Computer Science - (2 year Evening Course) offered in A.U. College of Engineering.	(i) To have passed intermediate examination of state of A.P. with Mathematics as a course of study at 10+2 level; and (ii) Three year B.Sc. degree programme with Mathematics and computer science / Three year B.C.A. degree programme recognized by AU
104	CHEMICAL SCIENCES	M.Sc. Chemistry with the following specializations		
		10401	Analytical Chemistry	B.Sc. /B.Sc. (Vocational) with Chemistry/Applied Chemistry as one of the subjects.
		10402	Bio-Inorganic Chemistry	
		10403	Environmental Chemistry	
		10404	Inorganic Chemistry	
		10405	Chemistry and Analysis of Foods, Drugs & Water	
		10406	Organic Chemistry	
		10407	Marine Chemistry	
		10408	Nuclear Chemistry	
		10409	Physical Chemistry	B.Sc. /B.Sc. (Vocational) with Chemistry / Applied Chemistry and Mathematics & Physics as the other two subjects.
		10410	M.Sc. Applied Chemistry – offered in Department of Engineering Chemistry – AUCE(A)	B.Sc. /B.Sc. Vocational Chemistry / Applied Chemistry / Industrial Chemistry (as main wherever applicable) as one of the subjects.
105	GEOLOGY	10501	M.Sc. Geology	B.Sc. with Geology (as main wherever applicable) with any other two subjects.
		10502	M.Sc. Tech. Applied Geology (3years duration)	B.Sc. Geology (as Main wherever applicable) with any two of the following subjects; Mathematics, Physics, Chemistry, Mineral beneficiation and Materials Handling.
106	STATISTICS	10601	M.Sc. Statistics	B.Sc./B.A with both Statistics and Mathematics.
		10602	M.Sc. Statistics with Computer Science offered in department of Statistics	

Note: For M.Sc. Psychology, M.Sc. Geography courses see the Test No.201 Course codes 20112, 20123, 20124.

Test Code	Test Name	Course Code	Course Name	Eligibility
107	5-YEAR INTEGRATED M.Sc. GEOLOGY	10701	M.Sc. 5-Year Integrated course in Geology (B.Sc + M.Sc) - offered in Department of Geology – AUCST	A pass in Intermediate with Mathematics, Physics, Chemistry (MPC) / Biology, Physics, Chemistry (BiPC) or equivalent as recognized by Board of Intermediate Education, Andhra Pradesh with a minimum of 50% marks. In case of SC/ST candidates a minimum pass with 45% marks in the qualifying examination is sufficient.
	5-YEAR INTEGRATED M.Sc. CHEMISTRY (APPLIED CHEMISTRY)	10702	5-Year Integrated M.Sc. Chemistry (Applied Chemistry) - offered in Department of Engineering Chemistry – AUCE(A)	A pass in Intermediate with Mathematics, Physics, Chemistry (MPC) / Biology, Physics, Chemistry (BiPC) or equivalent as recognized by Board of Intermediate Education, Andhra Pradesh with a minimum of 50% marks. In case of SC/ST candidates a minimum pass with 45% marks in the qualifying examination is sufficient.

* The students admitted in 5-Year Integrated courses can avail exit option after the completion of 3 years course period. They will be given B.Sc. degree.

Test Code	Test Name	Course Code	Course Name	Eligibility
201	HUMANITIES & SOCIAL SCIENCES	20101	M.A. Ancient History & Archaeology	B.A. with History or B.A.(O.L.) with History or B.F.A.
		20102	M.A. History	
		20103	M.J.M.C.	Any graduate degree Recognized by AU.
		20104	M.S. Mass Communication & Media Studies	
		20105	M.A. (H.R.D.) – Offered in Law College.	
		20106	M.L.I.Sc.	
		20107	M.A. Philosophy	
		20108	M.A. Anthropology	
		20109	M.A. Sociology	1) 50% seats with any graduate degree with sociology as one of the subjects, recognized by Andhra University. 2) 50% seats with any Social Science/Humanities graduate degree, recognized by Andhra University. Any unfilled seats in any group may be filled by other group.
		20110	M.Sc. Psychology* (offered in Science College)	1) 75% seats with B.A./B.Sc. course with Psychology. 2) 25% seats with B.Sc./BPT/ B. Pharm / B.E.or B.Tech Any unfilled seats in any group may be filled by other group.
		20111	M.A. Political Science	a) 50% seats to students from graduates of Political Science or Public Administration. (b) 50% seats to students from graduates of any other course. (c) Any unfilled seats in any category may be filled by other category.
		20112	M.A. Public Administration	
		20113	M.Ed. (2 years duration) Dept of Education	a) B.Ed. b) B.A. Ed/B.Sc. Ed. c) B.E.I.Ed.
		20114	M.Ed. (2 years duration) (I.A.S.E)	d) D.Ed. with B.A./B.Sc./B.Com/ B.E. or B.Tech
		20115	M.A. Social Work	B.A. Social Work / Social Sciences as one of the subjects / B.Sc./ B.C.A. / B.Com./B.A.L./B.F.A./ B.B.M.

Test Code	Test Name	Course Code	Course Name	Eligibility
201	HUMANITIES & SOCIAL SCIENCES	20116	Adult & Continuing Education	Any graduate.
		20117	M.A. Yoga & Consciousness	Any graduate.
		20118	M.Sc. Geography- B.A Stream*(offered in Science College)	B.A. with Geography as one of the subjects.
		20119	M.Sc. Geography B.Sc. Stream* (offered in Science College)	B.Sc. with any three science subjects. Note : The unfilled seats in one stream shall be filled by the available candidates from the other stream.
		20120	M.A. Women Studies	Any graduate degree recognized by AU.
		20121	PG Diploma in Co-operation & Rural Studies (One year)	
		20122	PG Diploma in Yoga Therapy	Any recognized Bachelors Degree of minimum 3 years duration

* Science college courses

Test Code	Test Name	Course Code	Course Name	Eligibility
202	ENGLISH	20201	M.A. English	B.A.(special English) /B.A. /B.Sc. /B.Com./ B.A.(OL)/ B.F.A./B.A.L.(with Part-I General English for a minimum of 200 marks).
203	TELUGU	20301	M.A. Telugu	B.A./B.Com./B.Sc./ with Telugu as a subject of study or B.A.(OL) or Bhasha praveena with Part I Telugu of B.A. or B.Com. or Bhasha Praveena with P.O.L.
204	M.COM	20401	M.Com.	B.Com. (Including vocational and restructured course including computers) / BBA / BBM.
		20402	M.Com. – Gurajada Apparao University-VZM	
205	M.H.R.M	20501	M.H.R.M.	Any graduate degree Recognized by AU.
206	ECONOMICS	20601	M.A. Applied Economics	Economics as one of the subject at B.A. / B.Sc. level.
		20602	M.A. Economics	
207	B.F.A.	20701	B.F.A. (4 years duration)	A pass in higher secondary course (H.S.C.) 10+2 pattern or Intermediate examination or its equivalent / 10+3 years Diploma.

SCIENCE COURSES

(Admissions will be made based on merit in the qualifying degree marks)

Test Code	Test Name	Course Code	Course Name	Eligibility
151	ATMOSPHERIC SCIENCE	15101	M.Tech. Atmospheric Science (2-Year Course)	i) 60% of the seats with M.Sc. Meteorology, M.Sc. Physical Oceanography. ii) 40% of the seats with M.Sc. Physics, M.Sc. Space Physics, M.Sc. Nuclear Physics, M.Sc. Electronics, M.Sc. Geophysics, M.Sc. Marine Geophysics, M.Sc. Hydrology, M.Sc. Mathematics, M.Sc. Applied Mathematics, B.Tech or B.E in Civil Engineering, ECE, EEE, Computer Science, Information Technology and Mechanical Engineering. Any unfilled seats in any group may be filled by other group.
152	OCEAN SCIENCES	15201	M.Tech. Ocean Sciences (2-Year Course)	
153	PETROLEUM EXPLORATION & PRODUCTION	15301	M.Tech. Petroleum Exploration & Production (2-Year Course)	<p>Geo Sciences Stream : (M.Sc./M.Sc.(Tech) Geology, Marine Geology, Applied Geology, Geo Informatics, Geophysics, Marine Geophysics and B.Tech. Geo Sciences, Geo Informatics Engineering or equivalent)</p> <p>Engineering Stream : (B.Tech. Chemical / Mechanical / Petroleum / Applied Petroleum / Petrochemical / Engineering or equivalent).</p> <p>Note: If the seats in one category are not filled, they can be filled from other stream.</p>

ARTS COURSES

(Admissions will be made based on merit in the qualifying degree marks)

Test Code	Test Name	Course Code	Course Name	Eligibility
251	SANSKRIT	25101	M.A. Sanskrit	B.A./B.Sc./B.Com with Sanskrit or Vidya Praveena with P.O.L. or Bhasha Praveena with P.O.L. or B.A. (OL) with Sanskrit or Senior P.G.Diploma in Sanskrit.
252	HINDI	25201	M.A. Hindi	Any bachelor degree in Arts, Science or Commerce with Hindi as one of the subjects or any bachelor degree in Arts, Science or Commerce without Hindi as one of the subjects, but with a diploma such as Sahitya Ratna, Bhasha Praveena or Vidwan or Equivalent to that.
253	M.F.A.	25301	M.F.A. (Sculpture) (2 years duration) M.F.A. (Painting) (2 years duration) M.F.A. (Print Making) (2 years duration)	B.F.A. Regular Study only
254	DANCE	25401	M.A. Dance (Self-Finance)	i) Candidates with B.A. Dance Kuchipudi / Bharatanatyam. or ii) Any Bachelors degree with Natyavisarada or Govt. Diploma course in Dance. or iii) Any Bachelors degree with 4 year Govt. Certificate Course in Kuchipudi / Bharata Natyam. or iv) Any Bachelors degree with Audition grade in Doordarshan in Dance.
255	MUSIC	25501	M.A. Music	i) Candidates with B.A. Music or B.Music ii) Candidate of Any Bachelor's degree with a diploma or 4year Govt. Certificate course in Music iii) Any graded artist in AIR in Carnatic Classical Music with any Bachelor's degree. iv) Any Bachelor's degree with Sangita Visrada v) Any Bachelor's degree with Yuvavani Auditioned Artistes
256	M.P.Ed	25601	M.P.Ed	B.P.Ed. of this University or B.P.Ed. or B.P.E. of any other University recognized as equivalent there to.

Seats will be filled on all India basis.