

**APPENDIX-I: Courses offered and Eligibility Criteria for admission**  
**All P.G. Courses are of two years duration unless otherwise specified**

<i>Test &amp; Course</i>	<i>Eligibility</i>	<i>Test &amp; Course</i>	<i>Eligibility</i>
<b>COURSES WITH TEST</b>			
<b>Test No. 101</b> <b>Biochemistry</b>		M.Sc. Applied Chemistry	B.Sc. Chemistry / Applied Chemistry / Industrial Chemistry (as main wherever applicable) as one of the subjects.
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.	<b>Test No. 105</b> <b>Computer Science &amp; Statistics</b>	
<b>Test No. 102</b> <b>Biotechnology</b>		M.Sc. Computer Science & Statistics (offered at department of Statistics, A.U.)	B.Sc / B.A with any two of the following subjects: Mathematics, Statistics & Computers; B.C.A students with mathematics in Intermediate course.
M.Sc. Biotechnology	B.Sc./B.Sc. (Vocational) with any two of the following subjects: Biotechnology, Biochemistry, Botany, Zoology, Chemistry, Microbiology, Env. Science, Human Genetics, Fisheries, Aquaculture and Mathematics, B.Sc.(Vocational) with Food Science & Quality Control.	<b>Test No. 106</b> <b>Electronics</b>	
M.Sc. Agricultural Biotechnology (4 Seats*) (offered at department of Botany, A.U.).	B.Sc./B.Sc. (Vocational) with any two of the following subjects: Botany, Biotechnology, Microbiology, Biochemistry, Horticulture, Agriculture, Forestry, Genetics, Chemistry, Environmental Science, Seed Technology, Zoology, B.Sc. (Vocational) Food Science and Quality control. or 4 years B.Sc. (Agriculture).	M.Sc. Electronics	B.Sc., with Electronics (as main wherever applicable) Mathematics and any other subject. B.Sc. Mathematics and any other subject with P.G. Diploma in Electronics, P.G. Diploma in Instrumentation.
M.Sc. Environmental Sciences (offered at department of Envi.Sciences, A.U.)	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.	M.Sc.(Tech.) Electronics & Instrumentation (3 years duration) (offered at department of Systems Design)	
M.Sc. Foods, Nutrition & Dietetics.	B.Sc. with any life science subject as one of the subjects in Part-II. Upto a maximum 50% of the total seats will be filled by students qualified under Biotechnology test.	M.Sc.(Tech.)VLSI Design# (20 Seats*)	B.Sc. Degree with Mathematics and any two of the following five subjects: Physics, Chemistry, Electronics, Computer Science and Statistics.
<b>Test No. 103</b> <b>Botany</b>		<b>Test No. 107</b> <b>Foods, Nutrition &amp; Dietetics</b>	
M.Sc.Botany	B.Sc. Botany (as main wherever applicable) and any other two science subjects including vocational subjects.	M.Sc. Foods, Nutrition & Dietetics	B.Sc. Home Science, B.Sc. (Vocational) Food Science & Quality control and B.Sc. with Nutrition as one of the subjects. Upto a maximum 50% of the total seats will be filled by students qualified under Foods, Nutrition & Dietetics test.
M.Sc. Horticulture & Landscape Management.	B.Sc./B.Sc. (Vocational) with any two of the following subjects: Botany, Biotechnology, Microbiology, Biochemistry, Horticulture, Agriculture, Forestry, Genetics, Chemistry, Environmental Science, Seed Technology, Zoology, B.Sc. (Vocational) Food Science and Quality control. or 4 years B.Sc. (Agriculture).	<b>Test No. 108</b> <b>Geography</b>	
<b>Test No. 104</b> <b>Chemistry</b>		M.Sc. Geography	B.A. with Geography as one of the subjects or B.Sc. with any three science subjects.
M.Sc. Chemistry with the following specialisations (i) Analytical Chemistry (ii) Bio-Inorganic Chemistry (iii) Analysis of Foods, Drugs & Water (iv) Environmental Chemistry (v) Inorganic Chemistry (vi) Marine Chemistry (vii) Nuclear Chemistry (viii) Organic Chemistry (ix) Physical Chemistry	B.Sc. Chemistry/Applied Chemistry (as main wherever applicable) as one of the subjects.	<b>Test No. 109</b> <b>Geology</b>	
		M.Sc. Geology	B.Sc. Geology (as main wherever applicable) with any other two subjects.
		M.Sc. Marine Geology	-do-
		M.Sc. (Tech.) Applied Geology (3 years duration)	B.Sc. Geology (as main wherever applicable) with any two of the following subjects; Mathematics, Physics, Chemistry, Mineral beneficiation and Materials Handling.
		<b>Test No. 110</b> <b>Human Genetics</b>	
		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.
		M.Sc. Molecular Genetics	-do-

# Vacant seats if any will be filled with candidates from Physics (Test No. 114), Computer Science (Test No. 301) and Mathematics (Test No. 112) tests in that order.

<i>Test &amp; Course</i>	<i>Eligibility</i>	<i>Test &amp; Course</i>	<i>Eligibility</i>
<b>Test No. 111</b> <b>Marine Living Resources</b> M.Sc. Marine Biology and Fisheries M.Sc. Coastal Aquaculture & Marine Biotechnology (5 Seats*) M.Sc. Marine Biotechnology	B.Sc. Zoology (as main wherever applicable) and any other two science subjects.	<b>Test No. 203</b> <b>Commerce</b> M.Com.	B.Com. (including vocational and restructured courses), B.B.M.
<b>Test No. 112</b> <b>Mathematics</b> M.Sc. Applied Mathematics	B.Sc. Mathematics (as main wherever applicable) with Maths, Physical Sciences in Intermediate or 10+2 level.	<b>Test No. 204</b> <b>Economics</b> M.A. Appl. Economics M.A. Economics	B.A. with Economics as one of the subjects.
M.A./M.Sc. Mathematics	B.A./B.Sc. Mathematics (as main wherever applicable).	<b>Test No. 205</b> <b>B.Ed. - Spl. Education - Biological Sci.</b> ^B.Ed. Special Education Visual Impairment Biological Sciences	B.Sc. Biological Sciences
<b>Test No. 113</b> <b>Microbiology</b> 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.	<b>Test No. 206</b> <b>B.Ed. Spl. Education - Mathematics</b> ^B.Ed. Special Education Visual Impairment Mathematics	B.A./B.Sc. Mathematics
<b>Test No. 114</b> <b>Physics</b> M.Sc. Physics M.Sc. Space Physics (10 Seats*) M.Sc. Nuclear Physics M.Sc. Meteorology M.Sc. Physical Oceanography	B.Sc. Physics (as main wherever applicable), Mathematics and any other subject.	<b>Test No. 207</b> <b>Education - Social Sciences</b> ^B.Ed. Special Education Visual Impairment - Social Sciences M.A. Adult & Continuing Education	B.A./B.Com./B.F.A. B.A./B.Com./B.B.M.
M.Sc.(Tech.) Geophysics (3 years duration) M.Sc. Marine Geophysics M.Sc. Hydrology	B.Sc. Physics (as main wherever applicable), Mathematics and any other non biological science subjects.	^ B.Ed. Special Education completed students are eligible only for Special and integrated schools	
M.Sc.(Tech.) Electronics & Instrumentation (3 years duration) (offered at department of Systems Design)	B.Sc., with Electronics (as main wherever applicable) Mathematics and any other subject. B.Sc. Mathematics with P.G. Diploma in Electronics, P.G. Diploma in Instrumentation.	<b>Test No. 208</b> <b>English</b> M.A. English	B.A. (special English)/B.A./B.Sc./B. Com./B.A. (O.L)/B.F.A./B.A.L. (with Part-I General English for a minimum of 200 marks or more).
<b>Test No. 115</b> <b>Statistics</b> M.Sc. Statistics	B.A./B.Sc. Mathematics and Statistics (with one of them as main wherever applicable) and any other subject.	<b>Test No. 209</b> <b>Fine Arts</b> B.F.A. (4 years duration)	A pass in higher secondary course (H.S.C.) 10+2 pattern or Intermediate examination or its equivalent.
<b>Test No. 116</b> <b>Zoology</b> M.Sc. Zoology	B.Sc./B.Sc. Vocational Zoology (as main wherever applicable) and any other two science subjects.	<b>Test No. 210</b> <b>Hindi</b> M.A. Hindi	Any bachelor degree in Arts, Science or Commerce with Hindi as one of the subjects or any bachelor degree holder in Arts, Science or Commerce without Hindi as one of the subjects, but having a diploma such as Sahitya Ratna, Bhasha Praveena or Vidwan or Equivalent to that.
M.Sc. Anthropology (offered at department of Anthropology, A.U.)		<b>Test No. 211</b> <b>History</b> M.A. Ancient History & Archaeology M.A. History	B.A. with History or B.A.(O.L.) with History or B.F.A B.A with .History or B.A.(O.L) or B.A.L.
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.	<b>Test No. 212</b> <b>Human Resource Management</b> M.H.R.M.	Any graduate (except B.F.A. / B.O.L.)
		<b>Test No. 213</b> <b>Human Rights &amp; Duties</b> M.A.(H.R.D.)	B.A./B.Com./B.Sc./B.Sc.(Home Science)/B.Sc. (Agriculture)/B.Sc. (Nursing)/B.B.M./B.C.A./B.L. / B.A.L.
		<b>Test No. 214</b> <b>Journalism &amp; Mass Communication</b> M.J.M.C.	B.A. /B. Com./B. Sc./B. B. M./B.C.A./B.A.L./B.A.(O.L.).
		<b>Test No. 215</b> <b>Library &amp; Information Sciences</b> M.L.I.Sc.	B.A./B.Com./B.Sc./B.A.L./B.B.M./B.C.A./B.A.(O.L.).

<i>Test &amp; Course</i>	<i>Eligibility</i>	<i>Test &amp; Course</i>	<i>Eligibility</i>
<b>Test No. 216</b>   <b>M.Ed.</b>	M.Ed. B.Ed. Degree of this University or any other University recognised by A.U.	<b>5-YEAR INTEGRATED MS PG PROGRAMMES</b>	
<b>Test No. 218</b>   <b>Philosophy</b>	M.A. Philosophy B.A./B.Sc./B.Com. and B.A.(O.L.).	<b>Test No. 501</b>	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 in the qualifying examination is sufficient.
<b>Test No. 219</b>   <b>Politics &amp; Public Administration</b>	M.A. Politics M.A. Public Administration Any degree general or professional or vocational or technical awarded after a minimum study requirement.	(i) M.S. Applied Chemistry (ii) M.S. Geology	
<b>Test No. 220</b>   <b>Psychology</b>	M.A. Psychology B.A./ B.Sc. or B.Com.	<b>Test No. 502</b>	A pass in Intermediate or its equivalent examination with 50 per cent of marks
<b>Test No. 221</b>   <b>Quantitative Economics</b>	M.A./M.Sc. Quantitative Economics B.A./B.Sc. with Mathematics (Compulsory) and any one of the three as group subjects: Economics / Statistics/ Computer Science with a minimum of 50% aggregate marks in group subjects/ B.E./B.Tech. with minimum of 50% aggregate.	<b>Test No. 503</b>	A pass in Intermediate examination of Andhra Pradesh with Mathematics, Physics and Chemistry as subjects of study or its equivalent with a minimum of 50% marks.
<b>Test No. 222</b>   <b>Sanskrit</b>	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.	(i) M.S. Computer Science & Information Technology (ii) M.S. Software Engineering (iii) M.S. Civil Engineering (iv) M.S. Mechanical Engineering (v) M.S. Electrical & Electronics Engineering	
<b>Test No. 223</b>   <b>Social Work</b>	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. M.A. Anthropology (offered at department of Anthropology, A.U.) B.A./B.Com./B.B.M./B.F.A./B.A.L.	<b>TWINNING PROGRAMMES</b>	
<b>Test No. 224</b>   <b>Sociology</b>	M.A. Sociology B.A./B.Com./B.Sc./B.Sc.(Home Science)/B.Sc. (Agriculture) / B.Sc. (Nursing)/B.B.M./B.C.A./B.A.L.	<b>Test No. 511</b>	A pass in Intermediate examination of Andhra Pradesh with Mathematics, Physics and Chemistry as subjects of study or its equivalent with a minimum of 50% marks.
<b>Test No. 225</b>   <b>Telugu</b>	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.	B.Engg. Aircraft Engineering (4-Year Programme)	B.Sc. Graduates with a minimum of 50% aggregate marks in Chemistry along with any two of the following subjects: Biochemistry, Biotechnology, Microbiology, Botany, Zoology, Genetics, Human Genetics are eligible.
<b>Test No. 226</b>   <b>M.P.Ed.</b>	M.P.Ed. (SF) (two year course) Candidates who have passed B.P.Ed. of this University or B.P.Ed. or B.P.E. of any other University recognized as equivalent there to.	<b>Test No. 512</b>	
<b>Test No. 301</b>   <b>Computer Science</b>	M.Sc.Computer Science (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 of Andhra University with Mathematics and computer science / Three year B.C.A. degree programme of Andhra University or an examination recognized by the Andhra University as equivalent.	M.S. Molecular Biology & Biotechnology (2-Year Programme)	
		<b>2-YEAR DOUBLE DEGREE PROGRAMMES</b>	
		<b>Test No. 521</b>	B.Tech. E.C.E./B.Tech. Instrumentation Technology / M.Sc. Instrumentation
		M.S. Digital Signal Processing	
		<b>Test No. 522</b>	B.E. or B.Tech. Computer Science / Information Technology/ MCA./ M.Sc. Computer Science.
		M.S. Software Engineering	
		<b>Test No. 523</b>	B.E./ B.Tech. (ECE/CSE) M.Sc. Electronics / MCA or equivalent.
		M.S. Telecommunication Systems	

<i>Test &amp; Course</i>	<i>Eligibility</i>	<i>Test &amp; Course</i>	<i>Eligibility</i>
<b>SCIENCE COURSES (WITHOUT TEST)</b>			
<b>Course No. 152</b> M.Tech. Atmospheric Science (5 Seats*) (2 Year course)	M.Sc. with 55% in Physics / Electronic / Meteorology / Physical Oceanography / Mathematics / Applied Mathematics / Nuclear Physics.	<b>Course No. 154</b> M.Tech. Ocean Sciences (5 Seats*) (2 Year course)	M.Sc. with 55% in Meteorology / Physical Oceanography / Physics / Electronics / Mathematics / Applied Mathematics / Nuclear Physics / Computer Science & Applications / Geophysics / Environmental Science (Mathematics and Physics at the B.Sc. level is necessary) or B.Tech./B.E. in Civil Engg. / Mechanical Engg. / Computer Science & Engg. / Industrial Engg. / Electronics / Electrical Engg. / Environmental Engg.
<b>Course No. 153</b> M.Tech. Petroleum Exploration (14 Seats*) (2 Year course)	M.Sc./M.Sc.Tech. Geology, Marine Geology, Applied Geology, Geophysics, Marine Geophysics, B.Tech. Chemical / Mechanical / Petroleum Engineering.		
<b>ARTS COURSES (WITHOUT TEST)</b>			
<b>Course No. 251</b> M.A. Dance (Self finance)	B.A. Dance / B.A./ B.Com./ B.Sc./ B.C.A. /B.E./M.B.B.S. Preference will be given those who have passed Diploma / Certificate. Selection will be strictly based on the performance in Dance at the time of counselling.	<b>Course No.253</b> M.Ed. Special Education Visual Impairment (V.I)	B.Ed.(VI) Special Education or B.Ed with Diploma in Special Education (VI) (Admissions will be made on All India basis for the vacant seats after the normal procedure of admission).
<b>Course No. 252</b> M.A. Music	(i) Candidates with B.A.Music or B. Music or (ii) Candidate of B.A./ B.Com./B.Sc./B.C.A./B.E./M.B.B.S. should have passed diploma / certificate in Music. or (iii) Any graded artist in AIR in Carnatic Classical Music with any degree. Note: "Music" means Carnatic Classical Music". Maximum age limit is 50 yrs.	<b>Course No. 254</b> M.A.Women Studies & Computer Applications (for women only)	Any graduate or any other degree recognised as equivalent.
		<b>Course No. 901</b> M.Phil. Counseling Psychology (Professional) (2 Semesters) (SF)	M.A. Psychology with 55% aggregate.
<b>PG DIPLOMAS</b>			
<b>PGD-611.</b> P.G. Diploma in Phytopharma Technology (offered at MVR P.G. College, Vsp.)	M.Sc. Botany / Microbiology / Biochemistry	<b>PGD-621.</b> P.G.Diploma in Cooperation & Rural Studies (One year course)	B.A./B.Com./B.Sc./B.A.L.
		<b>PGD-622</b> P.G.Diploma in Rajabhasha in Hindi (two year course)	B.A. / B.Sc. / B.Com./B.B.M./ B.E. with Hindi or a diploma in Hindi treated as equivalent to graduate course of this University.

\* Seats mentioned in the parentheses will be filled on all India basis in addition to regular seats.  
Note:The University has the right to offer or not to offer any of the courses notified.