

**A N D H R A U N I V E R S I T Y**  
**B.Sc. DEGREE EXAMINATIONS (C.C.S.) - MARCH - APRIL - 2016**

**TIME-TABLE**

<i>Day, Date &amp; Hours</i>	<i>Subjects</i>	<i>Marks</i>	<i>Day, Date &amp; Hours</i>	<i>Subjects</i>	<i>Marks</i>
<b>AT THE END OF FIRST YEAR</b>					
<b>PART - I</b>					
Monday, 11 <sup>th</sup> April 9 am to 12 noon	@Part-I (i) -- English -- Paper-I (For Supplementary Candidates)	75	Friday, 22 <sup>nd</sup> April 9 am to 12 noon	Micro Biology -- Paper-I (Introductory Micro Biology) +Statistics -- Paper-I Probability and Distribution (with Mathematics Combination)	100
9 am to 11 am	@Part-I (i) -- English -- Paper-I (w.e.f. 2005-2006 Admitted Batch)	50		+Statistics -- Paper-I Elementary Mathematics and Descriptive Statistics (with non-Mathematics Combination)	100
9 am to 12 noon	@Part-I (i) -- English -- Paper-I (w.e.f. 2012-2013 Admitted Batch)	75	Saturday, 23 <sup>rd</sup> April 9 am to 12 noon	Fisheries -- Paper-I (Biology of Fish) Industrial Fish and Fisheries -- Paper-I	100
Tuesday, 12 <sup>th</sup> April 9 am to 12 noon	@Part-I (ii) -- Telugu or any other Classical or Modern Indian Languages -- Paper-I	100		Petro Chemicals -- Paper-I	100
Wednesday, 13 <sup>th</sup> April 9 am to 10-30 am	@Part-I (iii) -- Compulsory Subject: Part-A -- Indian Heritage & Culture - Paper-I (For Supplementary Candidates)	50		Aquaculture -- Paper-I	100
9 am to 12 noon	Part-I (iii) -- Foundation Course-I (w.e.f. admitted batch 2009-2010)	70		Engg. Geology & Geo-exploration -- Paper-I	100
<b>Part-II -- Optional Subjects</b>				Geology -- Paper-I (Physical Geology, Crystallography and Mineralogy)	100
Saturday, 16 <sup>th</sup> April 9 am to 12 noon	@ Computer Course	100		Electronics -- Paper-I (Circuit Analysis & Electronics Devices)	100
	@ Computer Skills	100		Bio-Technology -- Paper-I (Cell Biology and Genetics)	100
Monday, 18 <sup>th</sup> April 9 am to 12 noon	Mathematics -- Paper-I (Differential Equations & Solid Geometry)	100		Applied Nutrition -- Paper-I	100
	Botany -- Paper-I (Diversity of Microbes and Cryptogams) (Microbial Diversity, Cryptogams and Gymnosperms)	100		Agriculture -- Paper-I	100
Tuesday, 19 <sup>th</sup> April 9 am to 12 noon	Physics -- Paper-I Mechanics, Waves and Oscillations (with Maths Combination)	100	Wednesday, 27 <sup>th</sup> April 9 am to 12 noon	Medical Lab. Technology -- Paper-I	100
	Physics -- Paper-I Mechanics, Waves and Oscillations (with non-Maths Combination)	100		Horticulture -- Paper-I	100
	Zoology -- Paper-I (Biology of Invertebrates & Cell Biology)	100		+Geography -- Paper-I (Fundamentals of Physical Geography)	100
Wednesday, 20 <sup>th</sup> April 9 am to 12 noon	Chemistry -- Paper-I (Inorganic, Organic, Physical & General Chemistry)	100	<b>AT THE END OF SECOND YEAR</b>		
	Human Genetics -- Paper-I	100	<b>PART - I</b>		
	Economics -- Paper-I (Micro Economics)	150	Monday, 11 <sup>th</sup> April 2 pm to 5 pm	@Part-I (i) -- English -- Paper-II (for Supplementary Candidates)	100
Thursday, 21 <sup>st</sup> April 9 am to 12 noon	Applied Chemistry -- Paper-I	100	2 pm to 4 pm	@Part-I (i) -- English -- Paper-I (w.e.f. 2005-2006 Admitted Batch)	50
	Computer Science -- Paper-I (PG Software & Programming in C)	100	2 pm to 5 pm	@Part-I (i) -- English -- Paper-I (w.e.f. 2012-2013 Admitted Batch)	75
	Computer Maintenance -- Paper-I	100	Tuesday, 12 <sup>th</sup> April 2 pm to 5 pm	@ Part-I (ii) -- Telugu or any other Classical or Modern Language -- Paper-II	100
	Computer Applications -- Paper-I	100		@Part-I (iii) Compulsory Subject Part-B -- Science & Civilization (For Supplementary Candidates)	50
	Public Health -- Paper-I	100	<b>Part-II -- Optional Subjects :</b>		
	Education -- Paper-I	150	Wednesday, 13 <sup>th</sup> April 2 pm to 5 pm	Environmental Studies	75
	Environmental Science -- Paper-I	100	Saturday, 16 <sup>th</sup> April 2 pm to 5 pm	Computer Course	100
	Instrumentation -- Paper-I	100		Computer Skills	100
	Bio-Chemistry -- Paper-I (Biomolecules and Enzymology)	100	Monday, 18 <sup>th</sup> April 2 pm to 5 pm	Mathematics -- Paper-II (Abstract Algebra & Real Analysis)	100
	Nutrition & Dietetics -- Paper-I	100		Botany -- Paper-II (Anatomy Embryology Taxonomy & Medicinal Botany)	100
	Forestry -- Paper-I	100			

Day, Date & Hours	Subjects	Marks
Tuesday, 19 <sup>th</sup> April 2 pm to 5 pm	Physics -- Paper-II Thermodynamics and Optics (with Mathematics combination)	100
	Physics -- Paper-II Thermodynamics & Optics (with Non-Mathematics combination)	100
	Economics -- Paper-II (Macro Economics)	150
	Zoology -- Paper-II (Biology of Chordates, Embryology & Zoogeography)	100
Wednesday, 20 <sup>th</sup> April 2 pm to 5 pm	Chemistry -- Paper-II (Inorganic, Organic, Physical & General Chemistry)	100
	Computer Maintenance – Paper-II	50
	Human Genetics -- Paper-II	100
Thursday, 21 <sup>st</sup> April 2 pm to 5 pm	Fisheries -- Paper-II (Fishery Biology)	100
	Industrial Fish and Fisheries -- Paper-II	100
	Geology -- Paper-II (Petrology and Structural Geology)	100
	Aquaculture -- Paper-II	100
	Electronics – Paper-II (Devices & Circuits) (Analog Circuits & Communications)	100
	Petro Chemicals -- Paper-II	100
	Applied Nutritions -- Paper-II	100
	Agriculture -- Paper-II	100
	Medical Lab. Tech. -- Paper-II	100
	Engineering Geology & Geo-Exploration -- Paper-II	100
	Bio-Technology -- Paper-II (Biological Chemistry & Micro Biology)	100
	Horticulture -- Paper-II	100
Friday, 22 <sup>nd</sup> April 2 pm to 5 pm	Bio-Chemistry -- Paper-II (Metabolism & Bio-Chemistry Techniques)	100
	Public Health -- Paper-II	100
	Nutrition & Dietetics -- Paper-II	100
	Environmental Science -- Paper-II	100
	Computer Science -- Paper-II (Object Oriented Programming with JAVA & Data Structures)	100
	Computer Applications -- Paper-II	100
	Instrumentation -- Paper-II	100
	Applied Chemistry -- Paper-II	100
	Forestry -- Paper-II	100
Saturday, 23 <sup>rd</sup> April 2 pm to 5 pm	+ Education -- Paper II	150
Monday, 25 <sup>th</sup> April 2 pm to 5 pm	Micro Biology -- Paper-II (Microbial Physiology & Genetics)	100
	+Statistics -- Paper-II Statistical Methods & Inference (with Maths Combination)	100
	+Statistics -- Paper-II Statistical Methods (with Non-Maths Combination)	100
Friday, 29 <sup>th</sup> April 2 pm to 5 pm	+ Geography -- Paper-II (Social & Economics Geography) (Human & Economic Geography)	100

Day, Date & Hours	Subjects	Marks
<b>AT THE END OF THIRD YEAR</b>		
Wednesday, 16 <sup>th</sup> March 2 pm to 4-00 pm	@Part-I (i) -- English -- Paper-III (For Supple. Candidates only)	50
Thursday, 17 <sup>th</sup> March 2 pm to 5 pm	<b>Foundation Course-II</b>	<b>70</b>
2 pm to 3-30 pm	<b>Science &amp; Civilization</b> (Also for II <sup>nd</sup> Year Supple. Candidates)	<b>50</b>
Friday, 18 <sup>th</sup> March 2 pm to 5 pm	<b>Mathematics -- Paper-III</b> (Linear Algebra and Vector Calculus)	100
	<b>Botany -- Paper-III</b> (Cell Biology, Genetics, Ecology and Biodiversity)	100
Saturday, 19 <sup>th</sup> March 2 pm to 5 pm	<b>Mathematics -- Paper-IV</b> <i>Elective Subjects:</i>	
	Numerical Analysis	100
	*Number Theory	100
	*Lattice Theory	100
	*Discrete Mathematics	100
	Linear Programming	100
	Fourier Series and Integral Transforms	100
	Mechanics	100
	<b>Botany -- Paper-IV</b> (Physiology, Tissue Culture, Biotechnology, Seed Technology and Horticulture)	100
Monday, 21 <sup>st</sup> March 2 pm to 5 pm	<b>Fisheries -- Paper-III</b> (Aquatic Biology)	100
	<b>+Statistics -- Paper-III</b> Applied Statistics-I (with Maths Combination)	100
	<b>+Statistics -- Paper-III</b> (Statistical Appln.) (with non-Mathematics Combination)	100
	<b>Agriculture -- Paper-III</b>	100
	<b>Petro Chemicals -- Paper-III</b>	100
	<b>Industrial Fish and Fisheries -- Paper-III</b>	100
	<b>Aquaculture -- Paper-III</b>	100
	<b>Engg. Geology and Geo Exploration -- Paper-III</b>	100
	<b>Bio-Technology -- Paper-III</b> (Molecular Biology, Genetic Engineering and Immunology)	100
	<b>Geology -- Paper-III</b> (Paleontology, Indian Geology and Economics Geology)	100
	<b>Electronics -- Paper-III</b> (Solid State Digital Electronics and Microprocessor)	100
	<b>Applied Nutrition -- Paper-III</b>	100
	<b>Medical Lab. Technology -- Paper-III</b>	100
	<b>Horticulture -- Paper-III</b> (Floriculture and Landscape Gardening)	100
Tuesday, 22 <sup>nd</sup> March 2 pm to 5 pm	<b>Fisheries -- Paper-IV</b> <b>Aquaculture</b>	100
	<b>Agriculture -- Paper-IV</b>	100
	<b>+Statistics -- Paper-IV</b> Applied Statistics II (with Mathematics combination)	
	<i>Elective Subjects :</i>	
	Quality Reliability and Operations Research	100
	Bio-Statistics	100
	Actuarial Statistics	100

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	Programming in C	100		<b>Bio-Chemistry -- Paper-IV</b> (Microbiology and Molecular Biology)	100
	<b>+Statistics - Paper-IV</b> (with Non-Maths combination)	100		<b>Computer Applications -- Paper-IV</b>	100
	<b>Petro Chemicals -- Paper-IV</b>	100		<b>Nutrition &amp; Dietetics -- Paper-IV</b>	100
	<b>Industrial Fish and Fisheries -- Paper-IV</b>	100	Monday, 28 <sup>th</sup> March	<b>Physics -- Paper-III</b>	100
	<b>Aquaculture -- Paper-IV</b>	100	2 pm to 5 pm	Electricity -- Magnetism and Electronics (for Maths combination)	
	<b>Engg. Geology and Geo Exploration -- Paper-IV</b>	100		<b>Physics -- Paper-III</b>	100
	<b>Bio-Technology -- Paper-IV</b> (Applications of Bio-Technology)	100		Electricity, Magnetism and Electronics (for non-Maths combination)	
	<b>Geology -- Paper-IV</b>			<b>Zoology -- Paper-III</b>	100
	<b>Elective Subjects:</b>			(Animal Physiology, Genetics & Evolution)	
	Groundwater Exploration	100	Tuesday, 29 <sup>th</sup> March	<b>Physics -- Paper-IV</b>	100
	Mineral Exploration	100	2 pm to 5 pm	Modern Physics (with Mathes combination)	
	Environmental Geology	100		<b>Physics -- Paper-IV</b>	100
	<b>Electronics -- Paper-IV</b>			Modern Physics (with Non-Maths combination)	
	<b>Elective Subjects:</b>			<b>Zoology -- Paper-IV</b>	
	Embedded System and Applications	100		Applied Zoology	100
	Digital Design using VHDL	100	Wednesday, 30 <sup>th</sup> March	Chemistry -- Paper-III	100
	<b>Applied Nutrition -- Paper-IV</b>	100	2 pm to 5 pm	(Inorganic, Organic & Physical Chemistry)	
	<b>Medical Lab. Technology -- Paper-IV</b>	100		Computer Maintenance -- Paper-III	100
	<b>Horticulture -- Paper-IV</b> (Fruit and Vegetable Technology)	100		Instrumentation -- Paper-III	100
Thursday, 24 <sup>th</sup> March	<b>Applied Chemistry -- Paper-III</b> (Inorganic, Organic & Physical Chemistry)	100		Public Health -- Paper-III	100
2 pm to 5 pm	<b>Computer Science -- Paper-III</b> (Database Management Systems)	100		Education -- Paper-III	100
	<b>Forestry -- Paper-III</b> (Forest Utilization and Protections)	100	Thursday, 31 <sup>st</sup> March	Human Genetics -- Paper-III	100
	<b>Bio-Chemistry -- Paper-III</b> (Physiology, Clinical Biochemistry and Immunology)	100	2 pm to 5 pm	Public Health -- Paper-III	100
	<b>Computer Applications -- Paper-III</b>	100		Chemistry -- Paper-IV (Chemistry and Industry)	100
	<b>Nutrition &amp; Dietetics -- Paper-III</b>	100		Instrumentation -- Paper-IV	100
	<b>Environ. Science -- Paper-III</b>	100		Computer Maintenance -- Paper-IV	100
Saturday, 26 <sup>th</sup> March	<b>Applied Chemistry -- Paper-IV</b> (Advanced Topic in Applied Chemistry)	100	Friday, 1 <sup>st</sup> April	Education -- Paper-IV	100
2 pm to 5 pm	<b>Computer Science -- Paper-IV</b>	100	2 pm to 5 pm	Human Genetics -- Paper-IV	100
	<b>Elective Subjects :</b>			Public Health -- Paper-IV	100
	Web Technologies	100	Thursday, 7 <sup>th</sup> April	+Geography -- Paper-III (Regional Geography of India)	100
	GUI Programming	100	2 pm to 5 pm	Microbiology -- Paper-III (Immunology and Medical Microbiology)	100
	Operating Systems	100		Economics -- Paper-III (Indian Economy)	130
	PHP, My SQL and Apache	100		<b>+Geography -- Paper-IV</b> (Remote Sensing and GIS)	100
	<b>Forestry -- Paper-IV</b> (Modern Trends in Forest Management)	100		Microbiology -- Paper-IV (Applied Microbiology)	100
	<b>Environmental Science - Paper-IV</b>	100		Economics -- Paper-IV	
				<b>Electives :</b>	
				Public Finance & International Economics	150
				Quantitative Techniques	150

@Common for B.A., B.Sc., B.Sc. (Home Science) and B.Com. (Vocational).

+ Common for B.A. and B.Sc.

I<sup>st</sup> and II<sup>nd</sup> Year Mathematics Theory 100 Marks + Sessional and Record 50 Marks from 2004-2005 I<sup>st</sup> year admitted batch onwards and remaining Candidates 150 Marks.

(By Order)

University Office  
Dt. 29-01-2016

**D. NATARAJ**  
Controller of Examinations