

**Thiruthangal Nadar College**  
**B.Sc (Plant Biology And Plant BioTechnology) - Courses Offered**

Year	Subject Name	Core Main	Core Allied / Elective
I	<b>First Semester</b>		
	Plant Diversity I –Algae	✓	
	Plant Diversity I –Algae-Practical -I	✓	
	Zoology –I		✓
	Zoology –I (Practical)		✓
	<b>Second Semester</b>		
	Plant Diversity II- Fungi, Bacteria, Viruses, Plant pathology and Lichens	✓	
	Plant Diversity II - Fungi, Bacteria, Viruses, pathology and Lichens – Practical II	✓	
	Zoology –II		✓
	Zoology Practical I & II		✓
II	<b>Third Semester</b>		
	Plant Diversity III - Bryophytes and Pteridophytes	✓	
	Plant Diversity III Bryophytes and Pteridophytes – Practical-III	✓	
	Chemistry For Biological Sciences-I		✓
	Chemistry Practical for Physical & Biological Sciences-I		✓
	<b>Fourth Semester</b>		
	Plant Diversity IV - Gymnosperms, Paleobotany and Evolution	✓	
	Plant Diversity IV - Gymnosperms, Paleobotany and Evolution – Practical-IV	✓	
	Chemistry For Biological Sciences-II		✓
	Chemistry Practical for Physical & Biological Sciences-II		✓
III	<b>Fifth Semester</b>		
	Plant Morphology, Taxonomy and Economic Botany	✓	
	Plant Anatomy and Embryology	✓	
	Cell Biology, Genetics and Plant Breeding	✓	
	Plant Morphology, Taxonomy And Economic Botany - Practical- V	✓	
	Plant Anatomy and Embryology, Cell Biology, Genetics and Plant Breeding – Practical	✓	
	Bio-Analytical Techniques (OR) Aquatic Botany (OR) Entrepreneurial Botany		✓
	<b>Sixth Semester</b>		
	Plant Ecology and Phytogeography	✓	
	Plant Biotechnology and Molecular Biology	✓	
	Plant Physiology and Plant Biochemistry	✓	
	Plant ecology, Phytogeography, Plant Biotechnology and Molecular Biology, Plant Physiology and Plant Biochemistry- Practical- VII	✓	
	Horticulture (OR) Natural Resource Management (OR) Forestry		✓
	Bionanotechnology (OR) Computer application in Botany (OR) Forensic Botany		✓