

Laboratory Information		
1	Bio-Chemistry Laboratory	The laboratory is well equipped with all required facilities for batch wise conduct of practical's in the Biochemistry, Metabolism and Enzymology. The important facilities include spacious working tables with washbasin, racks for chemicals, reagents and glassware, fume hood essential laboratory equipment's like weighing balance, pH meter, colorimeter, hot air oven etc. Sufficient number and quantity of glassware and chemicals are available which are maintained regularly for smooth conduct of the experiments 
2	Bio-Science Laboratory	It is spacious with good ventilation and can accommodate around 30 student at time for practical's without any difficulty . The lab has all the necessary required Basic equipment's like pH meter, Incubator, laminar airflow, Refrigerator, cooling Refrigerator Desiccators etc. Practical's related to Molecular Biology, Genetics, Fermentation Technology,, cell Biology and Micro-biology are conducted in this lab . To the credit of the lab projects undertaken by the students have won appreciation and Laurels at National Conferences and Avishkar . Three projects from the lab have been selected for the state level Avishkar, One project won First Prize at National Level conference and one project was

selected for presentation at Indian Science Congress held at Tirupati. The credit for this achievement goes to the Teaching and Non –teaching staff of the department



3 Biotechnology Laboratory

The laboratory is well equipped with all required facilities for batchwise conduct of practical's in Plant and Animal Biotechnology, Molecular biology. Sufficient number of amount of glassware and chemicals are available which are maintained regularly for smooth conduct of experiments. Laboratory also has sufficient facilities required for UG and PG research Projects.



		
4	Instrument Laboratory	The instrument lab is lab which is equipped with the instrument required for research in biotechnology and biology. It includes very expensive instrument required for PCR analysis, UV-Visdouble beam spectrophotometer, CO₂ incubator and the list is enclosed. It provides all the basic facilities required for research in the field of biotechnology, microbiology, Nanotechnology, Biochemistry and biological sciences Refrigerated cooling centrifuge high-speed Fermenter Hand Homogenizer Rotary shaker Deep freezer (-20⁰C) Laminar Airflow Inverted Microscope PCR Thermal Cyclers. Vertical and horizontal Gel electrophoresis. Power Pack. UV Trans-illuminator. Double distil water filtration system.

		
5	Computer Laboratory	The computer lab is well furnished with 20 working computers for students use. The laboratory is provided with 24 hour high speed internet facility (30MBPs). Students are allowed to enter the computer lab, they can use the computer and internet facility for their academic activities. The software configuration is Operating System Windows Legel copy and linux. The college has MS Office licence copy and it has also open office software. 
6	P.G. Laboratory	Separate Laboratory faculty for M.Sc. Biotechnology. Classroom cum Laboratory with ICT based teaching Faculty. The laboratory is well equipped with advanced instruments. This laboratory provides the facility to perform experiments in microbiology, biochemistry, cell biology, immunology, enzymology, etc. It is supported with instrumentation laboratory. This laboratory can occupy 30 students at a time to perform their lab activities.

