









**4.1.1 The Institution has Adequate Infrastructure and other facilities for**  
**1. Teaching – Learning**  
**2. ICT – enabled facilities**  
**3. Facilities for Cultural and Sports**

**Teaching – Learning Facilities**  
**Laboratories**

S.No.	Department Name	Laboratory Name	Purpose of the Laboratory	Available Equipments	Link to Photos
1.	Department of English	Language Lab	a) To support students in developing their listening, speaking, reading and writing abilities in English and employability skills like interview techniques, group discussion. b) To improve Students' correct pronunciation and oral communication skills by conducting language proficiency test with audio materials and the interactive exercises.		
2.	Department of Computer Science/IT/B CA	LB3	a) Providing access and practice to specialized software and equipment for specific courses for developing their programming skills b) Providing a space for students to collaborate on group projects, share files, and work together on assignments. c) Accessing multimedia production software and equipment such as video editing suites, graphic design tools, and audio		
3.		LB4			
4.		F28			
5.		NOVELL			



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			recording/editing software. d) Offering technical support services to assist students with computer-related issues, software installation, and troubleshooting.		
6.	Department of Bio Technology	Microbiology and Molecular Biology Lab – LB5	a) Microbiology, Immunology, Microbial Cell culture and maintenance b) Inoculate the cultures of different strains of bacteria in the inoculation chamber.		
7.		Central Instrumentation Centre	a) DNA documentation – DNA images can be capture b) Lyophilization – Liquid into powder form conversion of compounds c) TLC viewer – Check the presence of Amino acid d) Freezer - to store the chemicals, kits and solutions in - 20°C e) Bench top and table top centrifuges – Separate the compounds f) UV spectrophotometer – Check the quality and quantity of the Macromolecules.		
8.		Bioinformatics Lab	a) Separation of Biomolecules from various sources Plan, Animal, tissues, Blood		









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			b) Qualitative and quantitative experiments based on macromolecules, vitamins.		
9.		Plant Tissue Culture Lab	a) Endangered plants conservation b) Micro propagation of wide plant species from different plant tissues. c) Germination of seeds in aseptic condition, light and dark room conditions. d) Cold room – Preserve samples at 4-8 ° C. e) Store the media and solutions f) Preserve animal tissues and plant tissues		
10.		Marine Biotechnology Lab	Culturing of fishes		
11.	Department of Botany	Botany Lab	a) To develop the understanding of the plant kingdom. b) Explore the morphological, anatomical and Physiological characteristics of the plants c) Herbarium preparation for the future reference of identification d) Observe and dissect flowers for the taxonomical identification e) Sectioning of different		



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			plant tissues and study the internal arrangements of the tissues.		
12.	Department of THA	Front Office	A Model for Front Office and Reception		
13.		Bakery & Confectionery	For Production of Bakery Confectionary		
14.		Basic Training Kitchen	For Food Production		
15.		Guest Room	For House Keeping Practice		
16.		Training Restaurant	To Practice Food Service in Restaurants		
17.		Quantity Advanced Training Kitchen	Large Quantity of food cooking kitchen		
18.	Department of Physics	Physics Lab	a) Allow students to engage in active learning experiences, where they can explore and experiment with real-world phenomena, equipment, and instruments. b) Students learn to design experiments, formulate hypotheses, and draw conclusions based on empirical evidence.		
19.		Electronics Lab	Experiments using Gates, adders, subtractors, comparator, multiplexer/demultiplexer, encoders/decoders,		



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			7-segment display and flip-flop, register, counter.		
20.	Department of Chemistry	Physical Chemistry Lab	a) Purification of water b) To separate the micro particle size c) For drying the apparatus and the sample d) To remove the water in the colloidal particle e) Heating flammable chemicals and to prevent ignition		
21.		Organic Chemistry Lab	a) To conduct the organic reaction under mild conditions b) Identify the pH of the sample c) Identify the metal ion in the sample d) To measure the Electro potential of the substance		
22.	Department of Mathematics	Mathematics Lab	a) To provide demo for the mathematical modeling of practical problems and to provide training to the students for problem solving. b) It provides opportunities for students to reinforce and solidify their understanding of mathematical concepts learned in lectures. Through hands-on activities, students can visualize abstract concepts, experiment		



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			with mathematical principles, and gain a deeper comprehension of fundamental ideas.		