

## ALAGAPPA UNIVERSITY, KARAIKUDI

4.4.2 Procedures and policies for maintaining and utilizing physical, academic and support facilities – laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

State of the art laboratory facilities have been established in the fields of Biotechnology, Bioinformatics, Chemistry, Physics, Animal Health, Microbiology, Marine Biology, and Energy Science which are functioning on 24/7x365 basis. In addition, a well equipped University Science Instrumentation Centre(USIC) has been functioning effectively catering to the needs of the Science Departments of the University as well as users from other Universities and Institutions. USIC houses sophisticated instruments such as XPS, FE-SEM, HR-TEM, Powder-XRD, Vibrating Sample Magnetometer, Micro-Laser Raman, Confocal Laser Scanning Microscope, AFM, AKTA-Protein Purifier, MALDI-ToF-ToF, Real Time PCR, Solar Cell Simulator, CHNS/O Elemental Analyser. The University Library houses a collection of one lakh volumes of printed books, subscriptions to 149 printed periodicals, 492 items of non-book materials, and 1446 volumes of theses in print form. Nearly 6242 plus numbers of Online journals and 1,31,000 plus numbers of e-theses are made open access. Library operations are computerized especially circulation of books and cataloguing. Currently, Radio Frequency Identification-RFID based Library Management System is being implemented, which has made possible a User friendly self-check-in and self-check out options, web based OPAC-Online Public Access Catalogue and smart payment facility for overdue charges. Yoga centre has been established to enable spiritual development practices that eventually train the body and mind to self observe and become aware of their own nature. The purpose of yoga is to cultivate discernment, awareness, self-regulation and higher consciousness in the individual. The Faculty members have been provided with a computer individually. Most of Departments in University houses a separate Computer Centre with not less than 10 Computers for the benefit of Post Graduate Students and Research Scholars. In particular, Department of Computer Science, Department of Computer Applications and Department of Bioinformatics have established exclusive Computer Centers with internet connectivity. Department of Biotechnology has housed a DBT-GoI sponsored Bioinformatics Infrastructure Facility-(BIF) with High-end computing facility and internet connectivity. Information and Communication Technology-ICT infrastructure of University is being upgraded periodically with either University or project funds. The net connectivity, Wi-Fi, High-end computing facility, etc are well cared for, enabling ample support for research. Furthermore, all the Administrative staff members have been specially trained in ICT by the Computer Centre of the University. Further, all the class rooms have been sophisticated with Smart Boards by means of ICT support. The Faculty members are being provided with ICT kit. Video conferencing facility has been rendered in all the four split-campus.

