

AIR UNIVERSITY – INTERDISCIPLINARY RESEARCH

Physical Facilities for Interdisciplinary Research Teams - Science Disciplines

Ans: Specific physical facilities that are provided for interdisciplinary research teams in the science domain depend on the nature of the research and the requirements of the team. Details of physical facilities that are provided include:

- **Shared Laboratories:** All laboratories at AU are designed to accommodate researchers from multiple disciplines, with shared resources and equipment that facilitate collaboration and interdisciplinary research.
- **Collaborative workspaces:** Collaborative workspaces are available at AU BIC specifically designed to facilitate interdisciplinary research collaborations. These spaces include meeting rooms, presentation areas, and shared spaces for working on projects.
- **Advanced equipment and instrumentation:** Access to specialized equipment and instrumentation is provided to interdisciplinary research teams through specialized industrialized links, to enable them to perform experiments and conduct research that requires specialized equipment.
- **Computing facilities:** Access to high-performance computing facilities is provided to interdisciplinary research teams that require intensive computational resources.
- **Shared Libraries:** while there is a central library at AU, however Libraries at departments are designed to accommodate researchers from multiple disciplines, with resources and collections that facilitate interdisciplinary research.
- **Communication and video-conferencing facilities:** Facilities for communication and video conferencing are provided at BIC to facilitate collaboration between interdisciplinary research teams located in different parts of the world.
- **Advanced imaging and microscopy facilities:** Access to advanced imaging and microscopy facilities is provided to interdisciplinary research teams in science domains that require specialized equipment for visualization and analysis of biological or materials samples.
- **Shared instrumentation facilities:** Shared instrumentation facilities are established to provide access to specialized equipment and instrumentation for interdisciplinary research teams in science domains, such as mass spectrometry, electron microscopy etc.