Course details

Goals:

1. Recognize cardiac arrest and initiate prompt, effective BLS both in out- hospital & in-hospital setting.
2. Perform high-quality chest compressions and ventilations using bag-mask devices.
3. Demonstrate the use of an AED or defibrillator.
4. Apply BLS algorithms
5. Coordinate team-based resuscitation and effective communication in emergencies.

Equipments & Facilities available: yes

Duration and schedule of The Course:

(1-Day Program)

Time	Session	Content / Activity	Teaching Method	Faculty
08:30 – 09:00	Registration & Pre-Test	Participant registration, baseline MCQ	Written Test	Course Coordinator
09:00 – 09:30	Introduction to BLS in Anaesthesia	Importance, chain of survival, OT relevance	Lecture	Faculty
09:30 – 10:15	Recognition of Cardiac Arrest	Assess responsiveness, airway, breathing, circulation	Lecture + Demo	Instructor
10:15 – 10:30	**Tea Break**			
10:30 – 11:30	High-Quality CPR	Compression rate, depth, recoil, ventilation ratio	Demo + Hands-on	BLS Instructor
11:30 – 12:15	Airway Management	Head tilt–chin lift, bag-mask ventilation, airway adjuncts	Practical Skill Station	Anaesthesia Faculty
12:15 – 13:00	Use of AED/Defibrillator	Indications, electrode placement, operation	Simulation	Instructor
13:00 – 13:45	**Lunch Break**			
13:45 – 14:45	Special Situations	Anaphylaxis, airway obstruction, Pregnancy, downing	Case-based Discussion	Anaesthesiologist
14:45 – 15:30	**Tea Break**			
15:30 – 15:45	Post-Test & Skill Assessment	MCQ test + practical	Written + Practical	Faculty

Eligibility: MBBS, MD/MS, BSc Nursing, MSc Nursing, OT technicians

Attendance and leave rules: Minimum 80%

Duties and Responsibilities of fellows: As per university norms

Evaluation Process: Pre-test followed by post test and skills assessment

Course Content (Curriculum):

- Interactive lectures
- Video demonstrations
- Hands-on mannequin practice (CPR, airway, AED)
- Simulation and scenario-based learning
- Small-group discussions and debriefing