



THE INTERCOLLEGIATE BASIC SURGICAL SKILLS COURSE

MGMCRI, Puducherry | 16-17 October 2026 | COURSE PROGRAMME

Course Director:	Prof. Dr. Raghu Varadarajan
Course Convener:	Prof. Dr. Saravana Kumar

The Intercollegiate Basic Surgical Skills Course equips future surgeons with the essential technical skills and safe surgical principles that form the foundation of surgical training. Through hands-on practice, participants build practical confidence that supports MRCS preparation and progression through surgical training

Pre-course self-directed learning: Theatre safety, gowning and gloving. These topics are completed before the face-to-face course and are not scheduled as separate practical sessions.

DAY 1 - FRIDAY, 16 OCTOBER 2026

Time	Module	Content
08:00-08:15	Registration & Refreshments	
08:15-08:45	Introduction and Course Objectives	Welcome • Course overview • Sutures and suture technology
08:45-10:00	Surgical Knot Tying	One-handed reef knot • Instrument tie • Surgeon's knot • Tying at depth • Two-handed reef knot as appropriate
10:00-10:15	Tea / Coffee Break	
10:15-11:45	Basic Suturing Techniques	Instrument handling • Principles of suturing • Interrupted • Continuous • Mattress • Subcuticular sutures • The art of assisting
11:45-12:15	Lunch	
12:15-13:00	Haemostasis & Pedicle Ligation	Haemostasis • Pedicle ligation • Transfixion
13:00-14:15	Bowel Anastomosis	Tissue handling • End-to-end interrupted anastomosis • End-to-end continuous anastomosis
14:15-15:15	Wound Management	Abscess drainage • Debridement of necrotic wounds • Debridement of traumatic wounds
15:15-15:30	Tea / Coffee Break	
15:30-16:45	Tendon Repair	Demonstration • Principles • Tendon handling • Supervised practical tendon repair
16:45-17:00	Day 1 Feedback & Sign-off	Review and faculty sign-off of Day 1 modules

Day 1 practical organisation: All wet-tissue sessions are grouped on Day 1 so that wet-lab instruments can undergo a single cleaning and reprocessing cycle at the end of the day. The timetable also protects additional time for bowel anastomosis and tendon repair based on experience from the August-September developmental course.

DAY 2 - SATURDAY, 17 OCTOBER 2026

Time	Module	Content
08:00-08:25	Knot-Tying Reprise	Review • Common errors • Targeted correction
08:25-09:20	Abdominal Wall Closure & Drain Placement	Mass closure • Layered closure • Drain placement
09:20-10:30	Skin Surgery, Local Anaesthesia & Biopsy Techniques	Local anaesthesia • Skin lesions • Sebaceous cyst • FNAC • Trucut biopsy
10:30-10:50	Tea / Coffee Break	
10:50-12:00	Basic Vascular Techniques	Principles of vascular anastomosis • Vein patch
12:00-12:20	Principles of Electrosurgery	Short lecture/video • Principles • Safety • Discussion
12:20-13:05	Lunch	
13:05-13:45	Minimal Access Surgery - Video Modules	Introduction • Equipment • Port placement • Box-trainer skills
13:45-15:30	Supervised Box-Trainer Practical	Depth cueing • Hand-eye coordination • Fulcrum effect • Grasping • Cutting • Ligation
15:30-15:45	Tea / Coffee Break	
15:45-16:15	MAS Consolidation	Supervised practice • Targeted feedback • Completion of core exercises
16:15-16:30	Day 2 Feedback & Sign-off	Review and faculty sign-off of Day 2 modules
16:30-16:50	Course Evaluation	Protected 20 minutes
16:50-17:00	Closing & Certificates	

Day 2 programme note: Day 2 begins at 08:00 to provide adequate time for knot-tying review, abdominal wall closure and skin/biopsy techniques before the vascular session. Daily feedback and faculty sign-off are built into the timetable to ensure completion of the required module assessment/sign-off sheets before submission for certification. A protected 20-minute course evaluation period is retained before closing and certificates.