

Pediatric Surgical Technology (B.Sc. OT Technology — Paediatric Specialisation)

India Has 430 Million Children — Specialised Paediatric OT Technologists Are Critically Scarce

A Mentor's Complete Guide for Students from Western UP, India | 2025-26

COURSE SNAPSHOT

Paediatric Surgical Technologists work exclusively in children's operation theatres, assisting in surgeries for newborns, infants, and children up to 18 years. Procedures include neonatal surgery, paediatric cardiac surgery, cleft repair, paediatric urology, and orthopaedic corrections.

India has 430 million children and a massive surgical backlog (500,000+ children await cleft surgery alone). Only ~50 dedicated paediatric hospitals exist nationally. This is a rare specialisation with very strong job security at premium paediatric hospitals.

Qualification: B.Sc. OT Technology (3 years) + paediatric surgery rotation during internship, ideally at a children's hospital.

ELIGIBILITY

- 10+2 PCB minimum 45-50%.
- Strong interest in working with children — empathy is assessed at leading children's hospitals.
- Age 17-25 years for most government institution admissions.

ADMISSION TIMING

- Admission cycle follows general OT Technology: April-August.
- Specialisation in paediatric surgical technology is chosen during OT clinical postings (Year 2-3).
- Paid fellowship/training at AIIMS Paediatric Surgery Dept: July-October notification.

TOP INSTITUTIONS

Premier Paediatric Surgery Training Centres:

- AIIMS New Delhi — B.Sc. OT Technology + Paediatric Surgery department (Dr. Manu Bhaskaran's unit).
- All India Institute of Medical Sciences, Jodhpur / Bhopal / Rishikesh — newer AIIMS with paediatric surgery units.
- Kalawati Saran Children's Hospital, New Delhi — government, paediatric-exclusive.
- B.J. Wadia Hospital for Children, Mumbai — India's largest dedicated children's hospital.
- Indira Gandhi Institute of Child Health, Bengaluru.

Close to Western UP:

- Queen Mary Hospital (KGMU), Lucknow — paediatric surgery unit.
- LLRM Medical College Meerut — paediatric surgery rotation available.
- Sharda University Greater Noida — B.Sc. OT Technology with paediatric clinical access.

FUTURE PROSPECTS

- Dedicated children's hospitals: Rainbow, Kanchi Kamakoti, Narayana Health (Paediatric Wing).
- Paediatric cardiac surgery centres: Amrita Institute, Sri Ramachandra — extremely high demand.
- Government: AIIMS paediatric surgery OT staff — Group B/C posts.
- NGO-hospital partnerships: Smile Train, Operation Smile — cleft surgery support roles.

International:

- UK: Great Ormond Street Hospital, Alder Hey — international recruitment for experienced paediatric OT techs.
- Australia: Royal Children's Hospital Melbourne, Sydney Children's — skilled migration pathway.
- Gulf: Specialized paediatric hospitals in UAE (Cleveland Clinic Abu Dhabi) — high salary Rs. 2-3.5L/month.

TAKE-HOME SALARY GUIDE (Monthly)

Career Stage	Govt Sector (pm)	Private Sector (pm)	After PG/Specialisation
Fresher (0-2 yrs)	Rs. 18,000-28,000	Rs. 20,000-35,000	Rs. 40,000-65,000
Mid-level (3-6 yrs)	Rs. 30,000-50,000	Rs. 40,000-70,000	Rs. 65,000-1,20,000
Senior/Specialist	Rs. 50,000-75,000	Rs. 65,000-1,30,000	Rs. 1,20,000-2,50,000
UK/Australia/Gulf	—	Rs. 2,00,000-3,50,000	Rs. 3,00,000-5,00,000

SPECIALISATION PATHWAYS

- Neonatal ICU (NICU) Technology — separate specialisation for newborn intensive care.
- Paediatric Cardiac Technology — cath lab for children.
- M.Sc. OT Technology with Paediatric Surgery focus.
- ACLS/PALS (Paediatric Advanced Life Support) — essential international credential.

SCAM & PITFALL WARNINGS

- Fake 'paediatric OT technician' certificate courses (3-6 months) — not NCAHP recognised; insist on B.Sc. degree.
- Colleges claiming paediatric OT simulation labs but having no functional paediatric surgery unit — visit and verify.
- International recruitment agents for 'children's hospital jobs' without verifying UK/Australia registration requirements — check HCPC (UK) or AHPRA (Australia) requirements first.

HOW TO VERIFY YOUR COLLEGE

- ✓ NCAHP: ncahp.gov.in.

- ✓ UK HCPC for Operating Department Practitioners: hcpc-uk.org.
- ✓ Australia AHPRA: ahpra.gov.au.
- ✓ UGC university recognition: ugc.ac.in.
- ✓ Visit hospital to confirm paediatric surgery OT is operational.

This guide is prepared as a mentor resource for students from western Uttar Pradesh, India. Always verify current information with official regulatory bodies before making admission decisions. Fees, salaries and policies change — use this as a direction guide, not the final word.