

Anaesthesia Technician

Aliases: Anaesthetic Technician, Paramedical Technologist

Industry/Sector(s): Healthcare

JOB DESCRIPTION ¹

The tasks an Anaesthesia Technician is expected to perform include:

- Providing support to licensed anaesthesia providers in the acquisition, preparation and application of the equipment and supplies
- Checking and setting up the anaesthetic machine
- Preparing intravenous drugs
- Preparing intravenous therapy administration equipment
- Transferring patients to post-operative care units

WORK ENVIRONMENT

- It is not a desk job
- Work from home option is not available
- Part-time and contractual jobs may be available
- Need not handle a team
- Travelling is not a part of this job role

Working hours

- Companies usually work for 5/6 days a week and 9/10 hours a day. This may vary from clinic to clinic
- Shift system is available

Is the job suitable for a candidate with special needs?

Maybe

HEALTH AND SAFETY REQUIREMENTS/RISKS

- This job is considered mildly hazardous or dangerous
- Occupational hazards include undiagnosed infections, contaminated aerosols, electric shocks, stress due to unexpected working hours, etc.
- Health risks include exposure to infectious body fluids such as blood, saliva, other body fluids, etc.

EDUCATIONAL QUALIFICATIONS AND TRAINING ¹

- Minimum –12th standard pass in Science
- Relevant professional qualifications
- Certified training for Anaesthesia Technician (programme aligned to HSS/Q 2501 released by Healthcare Sector Skill Council)

KEY COMPETENCIES ¹

- Knowledge of sterile techniques
- Knowledge of principles of aseptic practice
- Knowledge of basics of anatomy and physiology
- Proficiency in handling devices to maintain the patient's airway (e.g. laryngeal masks, endotracheal tube)
- Knowledge of different types and indications for local, Monitored Anesthesia Care (MAC)
- Knowledge of regional and general anesthesia
- Proficiency in patient assessment, evaluation, transport, and patient positioning
- Proficiency in insertion of intravenous and other invasive lines, airway management

DESIRABLE COMPETENCIES ¹

- Ability to write medical terms without error in the English language
- Maintain clinical records as specified by the licensed anesthesia provider

PERSONALITY TRAITS ¹

- Ability to work in critical and emergency settings
- Capable of self-direction and supervision
- Available at odd hours and in critical situations

AVAILABLE SKILL TRAINING AND LEARNING INSTITUTES

- Shri Bhausahab Hire Government Medical College
- Government Medical College and Hospital (GMCH)
- Don Bosco Tech
- Bharat SevakSamaj
- N.R.I Academy Of Sciences
- MIMS Academy

AVAILABLE SKILL TRAINING SCHEMES/SCHOLARSHIPS

http://www.tmctkd.ac.in:8080/tmctkd/content_page.jsp?sq1=studentcenter&sqf=5

SAMPLE OF TRAINING AND LEARNING COURSES

<http://www.bssve.in/subjects.asp?CourseId=95>

CAREER PROGRESSION PATH

Anaesthesia Technician → Head Technician

Other industry verticals like Healthcare, Retail and Media are turning into key verticals for the IT Services sub-sector

Transfer option

•India: Yes

•Abroad: Yes

(*This field to open the relevant job title when clicked)

EXPECTED EARNINGS ²

•For freshers - ₹ 12,000 to ₹ 15,000 per month

•For candidates with experience - ₹ 15,000 to ₹ 20,000 per month

(These figures are indicative and subject to change)

REQUIRED WORK EXPERIENCE ¹

Not applicable

CURRENT MARKET TRENDS ⁴

Growth and Development in the Healthcare Sector in India

Healthcare sector is one of the fastest-growing sectors today in terms of revenue and employment-generation in India. The sector consists of various segments viz. medical devices, hospitals, outsourcing, medical tourism, health insurance, medical equipment, and many more. The sector is broadly divided into two delivery systems –private and public. Government i.e. public healthcare system consists of basic healthcare and primary services in rural areas and limited secondary and tertiary services in cities. Public healthcare on the other hand comprises majority secondary, tertiary services, and quaternary care institutions in metro cities, Tier I and II cities.

One of the biggest advantages that India has over other countries is its cost competitiveness and pool of well-trained and work-ready professionals. Despite its well-developed position, this sector is yet to achieve its full potential. To boost the growth of this sector the government has taken many initiatives. India plans to provide universal healthcare programme to one sixth of the world's population, which will ensure basic health benefits. India had signed a Memorandum of Understanding (MoU) with Sweden about five years ago, which has helped bring in technological advancement in the field of healthcare. SEHAT (Social Endeavour for Health and Telemedicine) will help rural population gain information, knowledge, and other services that will help them come closer to better health benefits in this digital world. National Deworming initiative aims are deworming over 24 crore children between the ages of 1-19.

Apart from government initiatives, Foreign Direct Investment (FDI) has also helped boost the growth and development of this sector. International companies like IBM, IHH Healthcare Berhad, CDC, FitBit are just some of the players that have invested heavily in the India healthcare market. Many Indian companies also aim at increasing the number of hospitals or care institutes in India. Some of them are also going to add more beds to their existing hospitals in the next few years. These factors will not only help the sector grow, but will also positively affect the job market in India.

PROBABLE EMPLOYERS

- Large hospitals across India
- Medical Research Institutes across India

JOB OPPORTUNITIES IN INDIA

- Public and private hospitals
- Clinics across India

PEOPLE'S CORNER

Coming Soon

KEYWORDS

- Anaesthetic Technician
- Paramedical Technologist

OCCUPATIONAL CODES AND STANDARDS

Standard	Code	Description
NCO 2015	3212.0301	Anaesthesia Technician
ISCO 2008	3212	Medical and Pathology Laboratory Technicians
NIC 2008	86909	Other human health activities n.e.c. (including independent ambulance activities)
QP Reference	HSS/ Q2501	Anaesthesia Technician
NSQF	4	NA

REFERENCES

1	Qualifications Pack – Anaesthesia Technician
2	www.payscale.com
3	Adapted from A Report on Human Resource and Skill Requirements for the Healthcare Services Industry Sector (2022) by NSDC
4	http://www.ibef.org/industry/healthcare-india.aspx