

CAREER IN

NURSING AND PARAMEDICAL



Do you also think that in Science stream Doctor and Engineer are the only good career options?

Think Again!!!

SAMPLE ONLY

NURSING



A Nurse can work in India or Abroad as ...

Nursing Officer in Hospitals



- Government Hospitals (PHC, CHC, DH, MC)
- Private Hospitals
- Army Hospitals
- Railway Hospitals
- Nursing Home & Private Clinic
- Hospitals at Ports, Factory & Manufacturing Plants

Teacher / Professor in College / University



- Nursing College & Universities
- Administrator in Health Department
- Indian Nursing Council, State Nursing Council

Health Expert in NGOs



- Indian Red Cross Society
- International NGOs
- Orphanage
- Old Age Homes
- Home Nurse

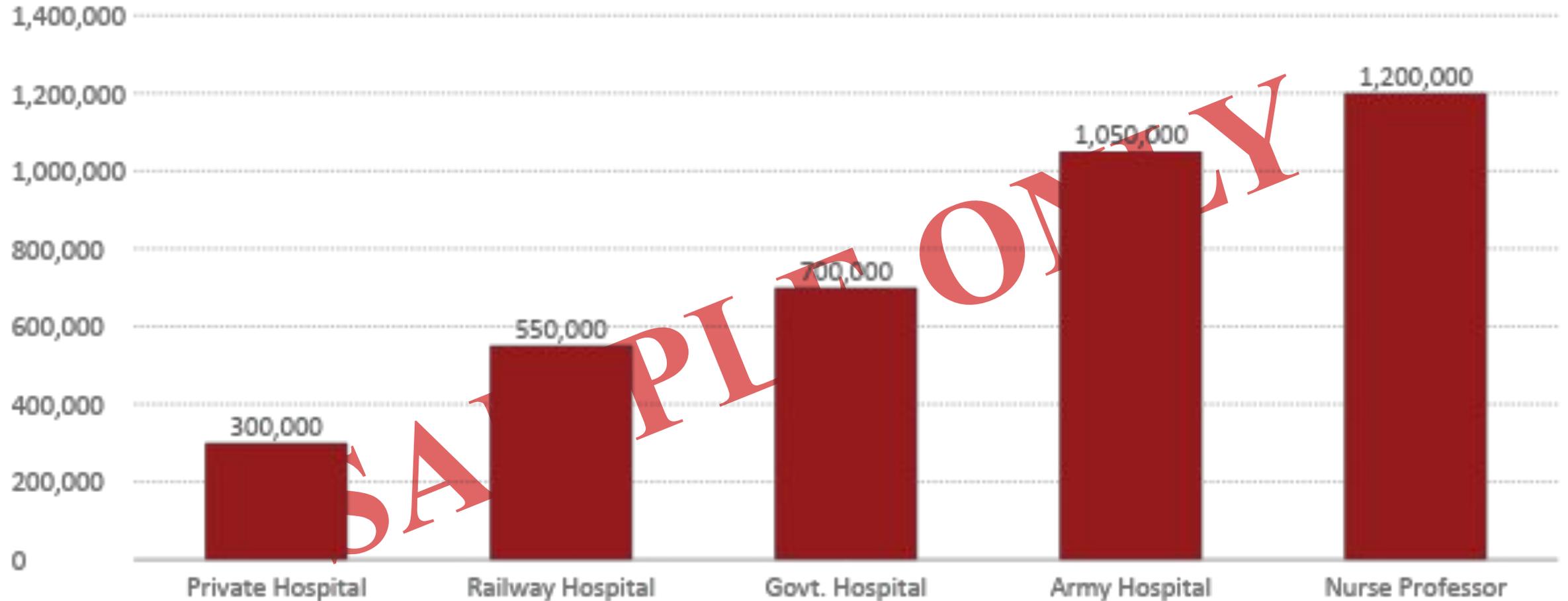
Researcher



- Pharmaceutical Companies

Govt of UP came up with 17,000 Community Health Officer post & plans to have 2,000 Nursing officer post annually

Average Annual Salary of Nurses – In India



Average Monthly Salary of Nurses – Outside India

Ageing Population leading to nurse retirement with more demand

Australia



- 2,87,405 Nurse; **36% Foreign born**; 89% Women;
- Nurse **shortage** in country by 2030 ~ 1,00,000;
- Average salary pm **Rs 5,35,000**

Germany



- 10,70,000 Nurse; **16% Foreign born**; 85% Women;
- Nurse **shortage** in country by 2030 ~ 5,20,000;
- Average salary pm **Rs 2,30,000**

England



- 5,17,200 Nurse; **15% Foreign born**; 89% Women;
- Nurse **shortage** in country by 2030 ~ 1,40,000;
- Average salary pm **Rs 4,35,000**

Ireland



- 58,475 Nurse; **28% Foreign born**; 91% Women;
- Average salary pm **Rs 3,15,000**

Major Importers of Nurses for long time

UAE



- 55,158 Nurse; **99% Foreign born**; 81% Women;
- Nurse **shortage** in country by 2030 ~ 20,000;
- Average salary pm **Rs 1,35,000**

Oman



- 19,415 Nurse; **52% Foreign born**; 88% Women;
- Nurse **shortage** in country by 2030 ~ 12,000;
- Average salary pm **Rs 3,60,000**

Saudi



- 1,80,571 Nurse; **62% Foreign born**; 79% Women;
- Nurse **shortage** in country by 2030 ~ 84,000;
- Average salary pm **Rs 2,64,000**

Indian and Philippines Nurse cater majority of above

Sources: SOWN; <https://www.siasat.com/over-one-lakh-nurses-required-in-australia-by-2030-ihm-2264669/>; <https://www.abc.net.au/news/2022-07-22/nursing-shortage-on-the-cards-due-to-pandemic/101253058>; <https://www.itv.com/news/2022-07-20/nhs-in-england-could-face-apocalyptic-shortage-of-140000-nhs-nurses-by-2030>; <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8863506/#:~:text=A%20study%20by%20the%20Prognos.nurses%20in%20Germany%20in%202030>.

What are the different courses in Nursing

Diploma	Degree
ANM (Auxiliary Nurse Midwifery)	B.Sc.. Nursing
GNM (General Nurse Midwifery)	Post Basic B.Sc.. Nursing
	M.Sc.. Nursing

Details about different Nursing Courses

Course	Age	Duration	Education Qualification	Gender
ANM	17 years to 35 years	2 years	12 th from any stream	Only female can apply
GNM	17 years to 35 years	3 years	12 th , Science, English, 40% marks. ANM with 40% marks	Male and female
B.Sc.. Nursing	17 years to 35 years	4 years	12 th , 45% marks in PCB, English for Gen/OBC and 40% marks for SC/ST students from any recognized board of India.	Male and female
Post Basic B.Sc.. Nursing	17 years to 35 years	2 years	12 th and obtained GNM certificate	Male and female
M.Sc.. Nursing	17 years to 35 years	2 years	Must have passed B.Sc.. Nursing / post Basic B.Sc.. Nursing with 55% marks and 1 year work experience	Male and female

How and where to get admission

Admission for Diploma (ANM & GNM)

- Direct admission at Nursing institutes
- List of institutes with fees are available at www.upsmfac.org

Admission for Degree (B.Sc. Nursing, Post Basic B.Sc.. Nursing, M.Sc. Nursing)

- Admission at government and private nursing institutes
- CET (Common Entrance Test): It is a State level Nursing entrance examination conducted by ABVMU.
- Application forms and other details of CET will be available at ABVMU official website abvmuup.edu.in

How to work as Nurse in Europe, Australia & Gulf

Landscape

- Indian Nurses work in UK and Ireland for UK NHS Trust Hospitals; Middle East is the highest importer of nurse from India
- UK NHS needs 40,000 nurses this year; Ireland demands are smaller. India supplies approximately 6,000 nurses p.a.; 70% - 80% from Kerala
- US has restricted entry of Indian nurses but nurses reach US indirectly
- Career path chosen by Nurses: India to UK get PR in 5 years Move to Australia (high salaries) Move to USA (higher salaries)
- Australia & New Zealand pays higher but have higher incoming cost up to Rs 15 lakhs compared to UK (Rs 1.5 lakhs)

Qualification Requirement

- Diploma, BSc, MSc + 12 months experience post registration + Language qualification [Academic IELTS with minimum 6.5 in writing & minimum 7 score in others; OR OET with minimum C+ in writing and B in others (listening speaking & reading)] + no gap in employment exceeding 6 -12 months
- At the time of deployment from India , language exam validity should be 6 months or more.
- IELTS conducted by British Council / IDP costs Rs 14,000/- per test; OET (Australian) costs Rs 34,000/- per tests; both tests are valid for 2 years
- Indian nurses from Southern part take OET whereas Northern part take IELTS due to their better linguistic skills

PARAMEDICAL



A Paramedic can work in India or Abroad as ...

Open a clinic / lab & Practice



- X-Ray, MRI, CT center
- Pathological lab
- Physiotherapist
- Optometrist
- Radiation safety officer
- Emergency Medical Officer in Ambulance

Specialist in Hospitals



- Government Hospitals (PHC, CHC, DH, MC)
- Private Hospitals
- Army Hospitals
- Railway Hospitals
- Nursing Home & Private Clinic
- Hospitals at Ports, Factory & Manufacturing Plants

Teacher / Professor in College / University



- College & Universities
- Administrator in Health Department
- Indian Paramedical Council, State Paramedical Council

Health Expert in NGOs



- Indian Red Cross Society
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- Orphanage
- Old Age Homes
- Home Nurse

Researcher



- Equipment manufacturing companies
- Pharmaceutical Companies

Paramedics – Courses in Radiology (X-Ray, CT, MRI)

Role of Paramedic in Radiology

- Perform CT, X-Ray, MRI Scans using machines
- Read basics of CT, X-Ray, MRI Scan plates
- Develop films

Courses

- Diploma in X-Ray
- Diploma in CT
- Diploma in MRI
- Bachelor in Science of Radiognosis & Imaging Techniques
- Masters in Science of Radiognosis & Imaging Techniques



Course	Min. Age	Duration	Education Qualification	Gender
Diploma	17 years	2 years	12 th from Science stream (PCB); PCM with 35%	Male & Female
Bachelor	17 years	3 years	12 th from Science stream (PCB); PCM with 35%	Male & Female
Masters	-	2 years	Bachelor in Science of Radiognosis & Imaging Techniques	Male & Female

No limit if one sets up own Scan center

Starting Salary after Diploma in India – Rs 3,00,000 per annum

Paramedics – Courses in Physiotherapy (Neuro-muscular)

Role of Paramedic in Physiotherapy

- Examine patients and assess deficits of neurological & musculoskeletal systems
- Advise and execute appropriate exercise & electrotherapy
- Give psychological support to the patients

Courses

- Diploma in Physiotherapy
- Bachelor in Physiotherapy
- Masters in Physiotherapy



Course	Min. Age	Duration	Education Qualification	Gender
Diploma	17 years	2 years	12 th from Science stream (PCB); PCM with 35%	Male & Female
Bachelor	17 years	3 years	12 th from Science stream (PCB); PCM with 35%	Male & Female
Masters	-	2 years	Bachelor in Physiotherapy	Male & Female

No limit if one sets up own Physiotherapy center

Starting Salary after Diploma in India – Rs 2,50,000 per annum

Paramedics – Courses in Laboratory Technology (Blood test)

Role of Paramedic in Laboratory Technology

- Pathological tests
- Biochemistry tests
- Microbiology tests
- Histo-cytopathology
- Blood bank management

Courses

- Diploma in Laboratory Technology
- Bachelor in Medical Laboratory Technology
- Masters in Medical Laboratory Technology



Course	Min. Age	Duration	Education Qualification	Gender
Diploma	17 years	2 years	12 th from Science stream (PCB); PCM with 35%	Male & Female
Bachelor	17 years	3 years	12 th from Science stream (PCB); PCM with 35%	Male & Female
Masters	-	2 years	Bachelor in Medical Laboratory Technology	Male & Female

No limit if one sets up own Laboratory

Starting Salary after Diploma in India – Rs 2,50,000 per annum

Paramedics – Courses in Optometry (Eye related)

Role of Paramedic in Optometry

- Check Eyes and record vision
- Assess error of refraction & measure it with retinoscopy
- Prepare & prescribe glasses/spectacles and low vision aids.
- Perform procedures on eyes (like Tonometry, Syringing, Fundus photo, Slit lamp examination, Ophthalmoscopy, Corneal staining, FB removal, Dressing of eye etc.)
- Assist common ophthalmic surgeries

Courses

- Diploma in Optometry
- Bachelor in Science of Optometry
- Masters in Science of Optometry



Course	Min. Age	Duration	Education Qualification	Gender
Diploma	17 years	2 years	12 th from Science stream (PCB); PCM with 35%	Male & Female
Bachelor	17 years	3 years	12 th from Science stream (PCB); PCM with 35%	Male & Female
Masters	-	2 years	Bachelor in Science of Optometry	Male & Female

No limit if one sets up own Optical store

Starting Salary after Diploma in India – Rs 2,50,000 per annum

Paramedics – Courses in Dialysis (Kidney related)

Role of Paramedic in Dialysis

- Conduct dialysis procedure
- Provide drugs for dialysis
- Perform CPR/ IV/IM/SC injections, Nebulization, Oxygen therapy
- Provide Psychological support to the patient

Courses

- Diploma in Dialysis Procedures



Course	Min. Age	Duration	Education Qualification	Gender
Diploma	17 years	2 years	12 th from Science stream (PCB); PCM with 35%	Male & Female

Starting Salary after Diploma in India – Rs 2,50,000 per annum

Paramedics – Courses in Cardiac Technology (Heart related)

Role of Paramedic in Cardiac Technology

- Work in ICU / ICCU and Cardiac catheterization lab
- Perform ECG, TMT & assist in Echo- Cardiography, Cardiac catheterization
- Perform BLS/IV/IM/SC injections, Nebulization, Oxygen therapy, use of infusion pump. □
- Provide Psychological support to the patient

Courses

- Diploma in Cardiac Technology



Course	Min. Age	Duration	Education Qualification	Gender
Diploma	17 years	2 years	12 th from Science stream (PCB); PCM with 35%	Male & Female

Starting Salary after Diploma in India – Rs 2,50,000 per annum

Paramedics – Courses in Operation Theatre Procedures

Role of Paramedic in Operation Theatre

- Prepare OT before surgery; sterilization
- Assist Doctor / Surgeons in common surgeries
- Perform CPR/IV/IM/SC injections, Nebulization, catheterization ,Oxygen therapy, etc.
- Safely use all anesthetic drugs
- Provide Psychological support to the patient
- Maintain records



Courses

- Diploma in Operation Theatre
- Diploma in Anesthesia and Critical Care
- Bachelor in Science of Operation Theatre Techniques
- Masters in Science of Operation Theatre Techniques

Course	Min. Age	Duration	Education Qualification	Gender
Diploma	17 years	2 years	12 th from Science stream (PCB); PCM with 35%	Male & Female
Bachelor	17 years	3 years	12 th from Science stream (PCB); PCM with 35%	Male & Female
Masters	-	2 years	Bachelor in Science of Operation Theatre Techniques	Male & Female

Starting Salary after Diploma in India – Rs 2,50,000 per annum

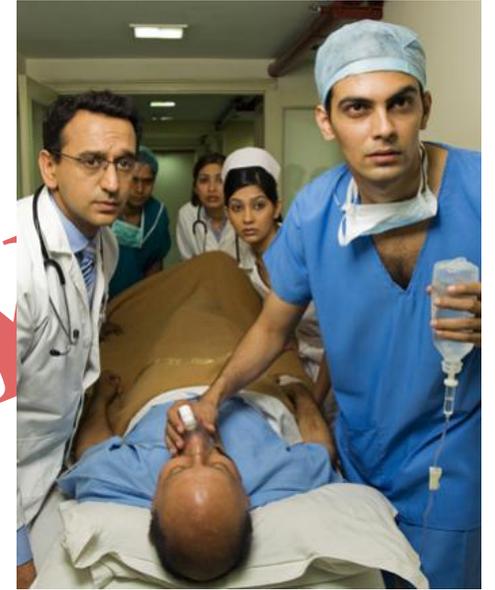
Paramedics – Courses in Emergency & Trauma / Accidents

Role of Paramedic in Emergency & Trauma

- Assist in handling all types of medical & surgical emergencies
- Patient transport & first aid or primary treatment in emergency & trauma cases
- Perform CPR /IV/IM/SC injections, etc.

Courses

- Diploma in Emergency & Trauma Care



Course	Min. Age	Duration	Education Qualification	Gender
Diploma	17 years	2 years	12 th from Science stream (PCB); PCM with 35%	Male & Female

Starting Salary after Diploma in India – Rs 2,50,000 per annum

What is the admission process

Diploma

- Centralized admission by UPSMF for laboratory, X-ray, Radiotherapy & pharmacy
- Direct admission at institutes for remaining paramedical courses

Degree

For Bachelor & Master Courses: Centralized admission by ABVMU on merit:

- Bachelor of Medical Laboratory Technology (BMLT),
- Bachelor in Radiology Imaging Technique (BRIT),
- Bachelor in Optometry (B.Opt),
- Bachelor in Physiotherapy (BPT),
- Bachelor in Operation Theatre (B.Ot),
- Master courses

SAMPLE ONLY

For more details – List of institutes & fees details refer

SAMPLE ONLY



Thank you
