



NITTE

(Deemed to be University)

**NITTE INSTITUTE OF PHYSIOTHERAPY
JUSTICE K S HEGDE CHARITABLE HOSPITAL**

Deralakatte, Mangaluru - 575018



Justice K S Hegde

Founder

About the Management

Nitte Education Trust was founded in 1979 by Late Justice K S Hegde, former Judge of the Supreme Court of India and Speaker of the Lok Sabha. Justice Hegde strongly believed that education is pivotal to the overall progress of a community and this vision led to the birth of Nitte Education Trust. His legacy is being continued by his son, Mr. N Vinaya Hegde.

ROLL OF HONOUR

NITTE (Deemed to be University) QS ASIA UNIVERSITY RANKING 2020 451-500 BAND	NITTE (Deemed to be University) QS INDIA UNIVERSITY RANKING 2020 56-60 BAND	NITTE (Deemed to be University) NIRF 2020 UNIVERSITY RANKING 74	NITTE (Deemed to be University) NAAC ACCREDITATION 'A' GRADE
NITTE (Deemed to be University) QS I-GAUGE INDIA UNIVERSITY RATING 2019 DIAMOND	NITTE (Deemed to be University) QS I-GAUGE INDIA E-LEAD CERTIFIED	ABSMIDS NIRF 2020 DENTAL RANKING 5	KSHEMA NIRF 2020 MEDICAL RANKING 36
NGSMIPS NIRF 2020 PHARMACY RANKING 49	NMIT NIRF 2020 ENGINEERING RANKING 128	NMAMIT NIRF 2020 ENGINEERING RANKING 133	NMAMIT QS I-GAUGE INDIA E-LEAD CERTIFIED
NGSMIPS NBA BPHARM ACCREDITED	NMAMIT NMIT NBA BE PROGRAMS ACCREDITED	NMAMIT NMIT AICTE-CII SURVEY 2019 HIGH INDUSTRY LINKAGES PLATINUM	NMAMIT QS I-GAUGE INDIA COLLEGE RATING 2019 DIAMOND

NITTE INSTITUTE OF PHYSIOTHERAPY

About the Institution

Nitte Institute of Physiotherapy was established in 1997. It offers undergraduate, postgraduate and doctoral programs in Physiotherapy. It is affiliated to Nitte (Deemed to be University), Mangaluru and is recognized by the Indian Association of Physiotherapists (IAP). The institution has a MoU with the University of Santo Tomas, Philippines for educational and academic exchanges.

About Physiotherapy

Physiotherapy has created a niche for itself as a leading healthcare profession that improves health without the use of medicine and surgery. It provides treatment to individuals to develop, maintain and restore maximum movement, allowing them to function efficiently through life. The course has a balanced combination of subjects relating to Physiotherapy & Rehabilitation and includes a substantial component of medical subjects. Hence, students will acquire skills that will give them the professional competence to treat a range of physical impairments which could be congenital, post-operative or those that occur due to a major trauma.

Faculty

Principal

Prof (Dr) Dhanesh Kumar K U, MPT, PhD, holds a doctorate and has 22 years of undergraduate and postgraduate teaching experience.

The complete list of teaching faculty is available at www.nipt.nitte.edu.in

Courses

BACHELOR OF PHYSIOTHERAPY (BPT)

Intake: 60 | **Duration:** 4½ years (including 6 months of compulsory internship)

Eligibility

Pass in 12th standard with not less than 40% marks in aggregate in Physics, Chemistry and Biology with English as one of the languages of study. The candidate should have completed 17 years of age as on 31st December of the year of admission.

Course Content

I Year: Human Anatomy, Physiology including Therapeutic Physiology, Biochemistry, Psychology, Sociology and Biomechanics of Human Motion

II Year: Pharmacology, Pathology, Microbiology, Exercise Therapy, Electrotherapy, Research Methodology & Biostatistics and Yoga

III Year: Clinical Orthopaedics, General Medicine, General Surgery, Orthopaedics & Sports Physiotherapy, Cardio-respiratory & General Physiotherapy

IV Year: Neurology & Neurosurgery, Community Medicine, Neuro-physiotherapy, Community-based Rehabilitation & Project Work

Admission Procedure

Students seeking admission to BPT are required to submit the Admission Query form available on the homepage of www.nitte.edu.in

On receipt of the same, the Admission Section will guide the students with the process of registration and admission.

Admission to BPT is based on merit in the qualifying examination.

Documents required for admission to BPT

- 10th standard pass certificate for proof of date of birth (Original + 3 attested copies)
- 12th standard marks card/pass certificate (Original + 3 attested copies)
- Transfer certificate from the institution last attended (Original + 3 attested copies)
- Conduct certificate from the institution last attended
- Migration certificate from the Board/University of the institution last studied
- Physical fitness certificate from a registered medical practitioner
- Blood group certificate
- Photographs: Recent colour photo with white background, of resolution 300-600 dpi & size 35 mm x 45 mm (P.P size 5 Nos.) & size 20 mm x 25 mm (Stamp size 5 Nos.)
- Aadhaar card copy of the student

MASTER OF PHYSIOTHERAPY (MPT)

Intake: 25 | **Duration:** 2 years

Specialisations

- Physiotherapy in Neurological and Psychosomatic Disorders
- Physiotherapy in Musculoskeletal disorders and Sports Physiotherapy
- Physiotherapy in Cardio-respiratory disorders and Intensive Care
- Paediatric Physiotherapy
- Physiotherapy in Obstetrics & Gynecology

Eligibility

Candidates with BSc (PT) or BPT degree of 4½ years duration (including 6 months internship) from a recognized university, securing not less than 50% marks in aggregate.

Admission Procedure

Students seeking admission to MPT are required to submit the Admission Query form available on the homepage of www.nitte.edu.in

On receipt of the same, the Admission Section will guide the students with the process of registration and admission.

Admission to MPT is based on merit in the qualifying examination.



Documents required for admission to MPT

- 10th standard pass certificate for proof of date of birth (Original + 3 attested copies)
- BPT/BSc (PT) marks cards of all years (Original + 3 attested copies)
- Internship completion certificate (Original + 3 attested copies)
- Provisional degree/degree certificate (Original + 3 attested copies)
- Migration certificate from the Board/University of the institution last studied (Original + 3 attested copies)
- Transfer certificate from the institution last attended (Original + 3 attested copies)
- Conduct certificate from the institution last attended
- Physical fitness certificate from a registered medical practitioner
- Blood group certificate
- Photographs: Recent colour photo with white background, of resolution 300-600 dpi & size 35 mm x 45 mm (P.P size 5 Nos.) & size 20 mm x 25 mm (Stamp size 5 Nos.)
- Aadhaar card copy of the student

Commencement of Course

BPT/MPT program commences on the date prescribed by the University, generally in August.

PhD - INTERDISCIPLINARY PROGRAM

CERTIFICATE COURSE IN YOGA

Duration: 3 months

Career Opportunities

Hospitals, Clinics, Rehabilitation Centres, Gymnasium, Geriatric Homes, Fitness Centres, Industries, Sports Science Centres, Research Centres, Special Schools etc. Graduates can choose private practice after obtaining the BPT degree. A postgraduate can work in educational and research institutions in India and abroad.



Facilities

Teaching Hospital

The College is attached to the 1000-bed multispecialty Justice K S Hegde Charitable Hospital, for clinical training of the students.

Skill Lab

The separate Electrotherapy and Exercise Therapy skill laboratory facilitates practical demonstration and training to the students.

Research Lab

The college provides a research lab with modern equipment such as extra corporeal shock wave therapy, LASER, Chattanooga wireless electrical stimulator, unweighing system, EMG etc. A wide range of facilities are available for research scholars and post graduates.

Outreach Activities

The college has 4 Outreach Centres which facilitate community and extension activities for undergraduates. These centres provide special training to postgraduates by giving them additional exposure to sports, geriatric care, disability management and recreational rehabilitation.

Library

The college has a well-stocked library with more than 3500 volumes. It also has access to book banks and online journals.

Soft Skills Training

The college provides special training in English language focusing on improving communication skills. It also promotes personality development skills through value-based education and yoga.

Student Support Service

The college offers all kinds of assistance in obtaining scholarship/financial assistance from the government or private organizations.

Campus Amenities

The campus includes student centric amenities like cafeteria, ATM and Wi-Fi.

Hostel

The college provides safe, secure, clean and well-furnished hostels with hygienic vegetarian and non-vegetarian food. The hostel mess is maintained by an app "Paaka-shale" which gives students the freedom to pre-book their favorite dishes apart from their regular vegetarian menu. Recreation facilities include indoor & outdoor games and television. A resident warden is available to ensure safety and healthcare requirements like doctor-on-call facility and to handle medical emergencies. The hostel has zero tolerance towards ragging, use of tobacco and drug abuse. Security personnel are placed round-the-clock in all the hostels.

Medicare

Students can avail medical and dental treatment at the 1000-bed multispecialty Justice K S Hegde Charitable Hospital and the A B Shetty Dental College Hospital.

Conveyance

Free transport facilities are provided to students through a fleet of buses plying regularly from various points in the city to the college and back. The campus also provides bicycles to commute within the campus. This is an initiative taken to maintain a healthy lifestyle and a green campus.

Sports

The campus has a 24000 sq.ft. Indoor Sports Complex, which houses a floodlit basketball court, four shuttle badminton courts, a tennis court, a volleyball court, and a throwball court.

An air-conditioned gymnasium, and multi-purpose playground with running track are also available in the campus. A full-time physical education teacher is available in the Institute to train the students in sports activities.



JUSTICE K S HEGDE CHARITABLE HOSPITAL

About the Hospital

Justice K S Hegde Charitable Hospital, a 1000-bed multispecialty teaching hospital for K S Hegde Medical Academy, is one of the leading NABH Safe-I certified superspecialty hospitals in Mangaluru, equipped with all modern diagnostic and therapeutic facilities.

Situated about 14 kms from the heart of the city of Mangaluru, it is a calm and ideal place for treatment. The hospital has a motto of providing quality treatment and healthcare at affordable cost.

Broad Specialties

- General Medicine
- General Surgery
- Anaesthesiology
- Respiratory Medicine
- Orthopaedics
- Obstetrics & Gynecology
- Pediatrics
- Psychiatry
- Dermatology & Venereology and Leprosy
- Ophthalmology
- Radio-Diagnosis
- Otorhinolaryngology
- Radiotherapy

Other Clinical Facilities

- Audiology
- Speech Therapy
- Physiotherapy
- Pharmacy Practice
- Nutrition & Dietetics

Superspecialties

- Cardiology
- Cardio-thoracic Surgery
- Neurology
- Neurosurgery
- Nephrology
- Urology
- Pediatric Surgery
- Oncology
- Endocrinology
- Gastroenterology and GI Surgery
- Plastic Surgery
- Onco Surgery
- Craniofacial Surgery





Features

- Regular and air-conditioned rooms and suites
- Special consultation on prior appointments
- Special clinic - 9 am to 6 pm
- Patient care and counselling cell
- Sleep study and day care facilities
- 18 modern operation theatres with advanced life-saving facilities
- Fully-equipped 67 bed Intensive/Critical Care facility that include closed ICU, ICCU, MICU, NICU, PICU, RICU, NRICU and HDU
- 24-hour Emergency and Trauma Centre with attached OT, diagnostic and life-support systems like ultrasound, X-ray, ventilators and monitors
- 24-hour diagnostic laboratory and radio diagnosis, blood bank, pharmacy and ambulance services
- Laparoscopic surgery
- Arthroscopic surgery
- Joint replacement and micro vascular surgeries
- Complex spine and brain surgeries
- Micro-laryngeal surgery
- Endoscopic sinus surgery
- Corneal transplant
- Renal transplant
- 1.5 Tesla MRI unit, MD CT, 600 MA DR System, 800 mA X-ray machine with IITV and fluoroscopy, 4D Ultrasound with Colour Doppler
- Mammography
- Centre for Cancer Treatment and Research
- IVF Centre for assisted reproductive therapy
- Centre for Craniofacial Surgery
- Centre for Neurosciences
- Tissue Bank to meet the demands of different types of bone grafts, tendon grafts, amnion and skin grafts

Superspecialty Departments

Cardiac Sciences

- Cardio-thoracic and vascular surgery
- Cardiology
- Bypass surgery
- Valve replacement and repair of cardiac defects
- Pacemaker implantations
- Echo, TMT and Holter for entire non-invasive interventions
- State-of-the-art flat panel Cath Lab with Fractional Flow Reserve (FFR) facilities for Angiogram, Angioplasty and Valvuloplasty

Nephro Urology

- Modern hemodialysis unit and a renal ICU
- Renal transplants
- Laser Prostatectomy
- Laser Lithotripsy
- URS (UrethroRenoscopy) and endoscopic surgery to remove ureteric stones
- Transurethral surgeries to remove prostate and bladder tumors and A-V fistula surgery for dialysis patients

Pediatric Surgery

- Neonatal surgeries
- Pediatric urology
- Specialized laparoscopic set up for Pediatric abdominal and thoracic surgery
- State-of-the-art Neonatal Intensive Care Unit (NICU) and Pediatric Intensive Care Unit (PICU)

Neurology

- Epilepsy Clinic
- Movement Disorder Clinic
- EEG machine and electro-physiology equipment
- Multiple Sclerosis Research Unit
- Advanced Neurological Research Centre

Neurosurgery

- Neuro OT with C-arm, microscope, neuro endoscope and state-of-the-art equipment for minimal invasive and stereotactic surgeries supported by a full-fledged Neuro-ICU (NRICU)
- Surgeries to treat brain tumours, aneurysms, complex spine surgeries, endoscopic brain and spinal disorders

Oncology and Radiotherapy

- Comprehensive Oncology Centre with medical oncology, surgical oncology and radiation oncology
- State of the art LINAC
- Two Dimensional Radiotherapy (2DRT)
- Three Dimensional Radiotherapy (3DRT)
- Intensity Modulated Radiotherapy (IMRT)
- Image Guided Radiotherapy (IGRT)
- Pain and palliative care services

Endocrinology

- Diabetes care program for retinopathy, nephropathy, neuropathy, ischemic heart disease, management of gestational diabetes
- Pediatric diabetes clinic
- Treatment for obesity and lipid disorders, metabolic bone disease, disorders of the ovaries and testes, endocrine disorders of infertility, hirsutism, parathyroid and adrenal disorders.

Craniofacial Surgery

- Treatment of cleft and craniofacial anomalies and rhinoplasty
- Cleft and craniofacial care through treatment related to pediatrics, pedodontics, orthodontics and speech therapy

Plastic Surgery

- Repair and reconstructive surgeries
- Microvascular surgery
- Cosmetic surgery
- Burn management
- Diabetic foot management
- Congenital deformities correction

Medical Gastroenterology & Hepatology

- ERCP: Pancreatic and Biliary Disease - detection and treatment
- EUS (Endoscopic Ultrasonography): Pancreatic and Biliary cancer detection and surveillance
- Upper GI Endoscopy: Esophageal and Gastric cancer detection and surveillance
- Colonoscopy: Colon cancer detection and surveillance
- Therapeutic Endoscopy - Endoscopic removal of polyps in stomach, colon and rectum, PEG, Cystogastrostomy for pancreatic pseudocyst
- Stenting for Advanced Esophageal, Gastro-duodenal, Biliary, Pancreatic and Colonic cancers
- Argon plasma coagulation for hemostasis and fulguration of unresectable tumors
- Esophageal and ano-rectal manometry
- 24-hour Impedance pH studies

Surgical Gastroenterology & Hepato-Pancreato-Biliary Surgery

- Liver resections for tumors/cancers
- Liver transplantation
- Pancreatic surgeries for cancer/tumors and chronic pancreatitis
- Laparoscopic surgeries for cancerous and non-cancerous diseases of esophagus, stomach, small and large intestine and rectum
- Advanced laparoscopic surgeries for GERD, hiatal hernia, achalasia cardia
- Laparoscopic surgeries for gall stones, spleen, pancreas
- Laparoscopic weight loss/bariatric surgeries

Specialty Departments

General Medicine

- Modern diagnostic equipment and facilities like ICU and ICCU with monitors, ventilators and defibrillators
- Specialty clinics for diabetes, hypertension, geriatrics

General Surgery

- Well-equipped modern operating theatres
- Latest instruments and equipment such as laparoscopes and endoscopes
- Routine procedures as well as advanced laparoscopic, thoracoscopic, gastrointestinal, hepatobiliary and pancreatic surgeries

Orthopaedics

- Tissue Bank to meet the demands of different types of bone grafts, tendon grafts, amnion and skin grafts
- Trauma care
- Complete arthroscopy instruments for keyhole surgeries
- Hip and knee replacement surgeries

Ophthalmology

- Equipped with Slit Lamps, A-scan, Humphrey Field Analyser
- 24-hour eye bank
- Specialty clinics for cataract surgery and retinal defects
- Corneal transplant

Otorhinolaryngology

- Treatment of tumors and cancers of the head and neck area, skull base surgery
- Micro-ear surgery, cochlear implant, micro-laryngeal surgery, endoscopic sinus surgery, video laryngoscopy, rigid and flexible bronchoscopy and esophagoscopy equipped with stroboscopy for diagnosing voice disorders, electronystagmography

Obstetrics & Gynecology

- Fertility clinic - IVF clinic for assisted reproductive therapy
- Cancer screening
- High-risk pregnancy management
- Menopause clinic

Pediatrics

- Fully-equipped Neonatal Intensive Care Unit (NICU)
- Pediatric-Intensive Care Unit (PICU)
- Epilepsy clinic, high-risk new-born clinic, development clinic, asthma clinic, well-baby and immunization clinic
- Special nephrology and nephro-urology clinic
- Genetic counselling, Genetics lab

Respiratory Medicine

- Anti-tubercular treatment (DOTS)
- Treatment of naso bronchial allergy and asthma
- Pulmonary function test and arterial blood gas analysis
- Bronchoscopy
- Sleep lab
- Endoscopic - Bronchial ultrasonography

Dermatology

- Diode Laser for permanent hair reduction
- CO2 Laser for acne scar treatment, skin resurfacing and keloid treatment
- Spectra XT Laser for melasma treatment, tattoo, birth mark and mole removal
- Phototherapy unit
- Dermato-surgical procedures - biopsies, surgeries for vitiligo and cryosurgery

Radio-diagnosis

- 1.5 Tesla MRI unit
- MD CT scan with CT angiogram and 3D reconstruction facilities
- C - arm with image intensifier
- 4D Ultra-sound with colour doppler unit
- Mammography unit
- 6 X-ray machines
- 800 mA unit with IITV and fluoroscopy
- Digital Radiography

PROGRAMS AT NITTE

COLLEGES	COURSES OFFERED
NMAM Institute of Technology (Nitte)	BE: Artificial Intelligence & Machine Learning Biotechnology Civil Computer & Communication Computer Science Electronics & Communication Electrical & Electronics Information Science Mechanical MTech MCA MBA PhD
Nitte Meenakshi Institute of Technology (Bengaluru)	BE: Aeronautical Civil Computer Science Electrical & Electronics Electronics & Communication Information Science Mechanical MTech MCA MBA PhD
K S Hegde Medical Academy (Mangaluru)	MBBS MD.MS MCh PhD MPH (Public Health) MHAHSM (Hospital Administration & Health Systems Management) BSc & MSc: Anaesthesia & Operation Theatre Technology Medical Imaging Technology Medical Lab Technology Respiratory Therapy
A B Shetty Memorial Institute of Dental Sciences (Mangaluru)	BDS MDS PhD Certificate Course in Oral Implantology
NGSM Institute of Pharmaceutical Sciences (Mangaluru)	DPharm BPharm PharmD PharmD (Post Baccalaureate) MPharm PhD
Nitte College of Pharmaceutical Sciences (Bengaluru)	DPharm BPharm
Nitte Usha Institute of Nursing Sciences (Mangaluru)	GNM PB BSc Nursing BSc Nursing MSc Nursing PhD Post Basic Diploma in Dialysis Nursing
Nitte Institute of Physiotherapy (Mangaluru)	BPT MPT PhD
Nitte Institute of Speech & Hearing (Mangaluru)	B.ASLP
Nitte University Centre for Science Education & Research (Mangaluru)	BSc (Honors) Biomedical Science MSc: Biomedical Science Food Safety & Biotechnology Microbiology Biotechnology PhD
Nitte Institute of Architecture (Mangaluru)	BArch
Nitte School of Architecture (Bengaluru)	BArch BPlanning
Nitte Institute of Communication (Mangaluru)	BA & MA (Journalism & Mass Communication)
Sarosh Institute of Hotel Administration (Mangaluru)	BHM
Nitte Institute of Tourism & Hospitality Studies (Mangaluru)	BSc (HS)
Justice K S Hegde Institute of Management (Nitte)	MBA PhD
Nitte School of Management (Bengaluru)	PGDM Executive PGDM
Nitte School of Fashion Technology & Interior Design (Bengaluru)	BSc: Fashion & Apparel Design Interior Design & Decoration Diploma: Fashion Design Interior Design
Dr NSAM First Grade College (Nitte)	BSc BCom BBA
Dr NSAM First Grade College (Bengaluru)	BBA BCom
Nitte Rukmini Adyanthaya Memorial Polytechnic (Nitte)	Diploma in Engineering: Civil Computer Science Electrical & Electronics Electronics & Communications Mechanical Apparel Design & Fabrication Technology



For further details, you may contact:

The Deputy Director (Administration)

Medical Sciences Complex, Deralakatte, Mangaluru - 575018, Karnataka, India

Ph: 0824 2204310 | 2204342 | 2204304 | 94808 12310 | 94808 12312

Website: www.nitte.edu.in | Email: info@nitte.edu.in | [f](#) [t](#) [v](#) [i](#)