



K S HEGDE MEDICAL ACADEMY

**JUSTICE K S HEGDE
CHARITABLE HOSPITAL**

Medical Sciences Complex
Deralakatte, Mangaluru - 575018
Karnataka, India



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 BPBARM 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

K S HEGDE MEDICAL ACADEMY

About the Institution

K S Hegde Medical Academy (KSHEMA), established in 1999, is a constituent college of Nitte (Deemed to be University), Mangaluru and is recognized by the Medical Council of India, New Delhi and the Malaysian Medical Council. The college is ranked 36th in the National Institutional Ranking Framework (NIRF) 2020 by MHRD, GoI among the medical colleges in India. Justice K S Hegde Charitable Hospital, the 1000-bed teaching hospital attached to the institute provides tertiary-level care including all major superspecialty services and excellent training opportunities to the students of KSHEMA.

The Institute has a network of 21 rural health centres and two rural tertiary care hospitals through which it caters to the needs of the community and provides ample opportunities for students to be

moulded into professionals with a strong sense of social responsibility. Contemporary educational approaches including simulation and skill-based training and integrated teaching-learning are practiced in the institution.

KSHEMA has established successful research collaborations with several reputed institutions in India and abroad like the Catholic University of Korea, Seoul; Christ Church University, Canterbury, UK; Gyeongsang National University, Jinju, Korea; Wake Forest University, USA; University of Wollongong, Australia; National School of Singapore and Miyazaki University, Japan. Faculty receive research grants from prestigious national and international agencies like NIH-USA, ICMR, DST, DBT, GoI, VGST and BRNS.

Faculty

Dean

Prof (Dr) P S Prakash, MD (General Medicine), is a renowned physician and has four decades of clinical, undergraduate, postgraduate and doctoral training experience.

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

Courses

MBBS

Intake: 150 | **Duration:** 5½ years (including one year compulsory rotatory internship)

MD/MS

Intake: 136 | **Duration:** 3 years

Specializations

Clinical

- Anaesthesiology (16)
- Community Medicine (5)
- Dermatology (5)
- Otorhinolaryngology (8)
- General Medicine (17)
- General Surgery (12)
- Obstetrics & Gynecology (6)
- Ophthalmology (6)
- Orthopaedics (9)
- Pediatrics (9)
- Psychiatry (5)
- Pulmonary Medicine (2)
- Radio-diagnosis (8)

Pre-Clinical

- Anatomy (4)
- Biochemistry (3)
- Physiology (4)

Para-Clinical

- Forensic Medicine (4)
- Microbiology (3)
- Pharmacology (5)
- Pathology (5)



MCh (Urology)

Intake: 1 | **Duration:** 3 years

BSc (Anaesthesia & Operation Theatre Technology)

Intake: 30 | **Duration:** 3½ years

MSc (Anaesthesia & Operation Theatre Technology)

Intake: 10 | **Duration:** 2 years

BSc (Medical Imaging Technology)

Intake: 30 | **Duration:** 3½ years

MSc (Medical Imaging Technology)

Intake: 10 | **Duration:** 2 years

BSc (Medical Laboratory Technology)

Intake: 30 | **Duration:** 3½ years

MSc (Medical Laboratory Technology)

Intake: 10 | **Duration:** 2 years

BSc (Respiratory Therapy)

Intake: 8 | **Duration:** 4 years

MSc (Respiratory Therapy)

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

MPH (Public Health)

Intake: 12 | **Duration:** 2 years

MHAHSM (Hospital Administration & Health Systems Management)

Intake: 10 | **Duration:** 2 years



MBBS

Eligibility

Pass in 10+2, with 50% marks in Physics, Chemistry and Biology/Biotechnology and English as one of the languages of study. Candidate should be NEET-UG qualified. The candidate should have completed 17 years of age as on 31st December of the year of admission.

Admission Procedure

In addition to the basic eligibility criteria mentioned above, students seeking admission to MBBS will be required to qualify in the National Eligibility cum Entrance Test, NEET-UG which will be conducted by the National Testing Agency generally in May, each year. The responsibility of the NTA is limited to the conduct of the Entrance Test, declaration of result and providing the All India Rank to the Directorate General of Health Services (DGHS), New Delhi for counselling of 15% All India Quota Seats, 100% seats in Deemed Universities and providing the result to the State counselling authorities and admitting institutions.

Indian Nationals, Non Resident Indians (NRIs), Overseas Citizen of India (OCIs), Persons of Indian Origin (PIOs) and Foreign Nationals are eligible to appear for NEET-UG. NEET qualification is a pre-requisite for admission to MBBS.

The application form for NEET-UG can be submitted online through the website **www.ntaneet.nic.in** on notification. Students are advised to carefully read the Information Bulletin and keep the correct details ready, before submission of the form. Kindly visit **www.mcc.nic.in** after announcement of NEET-UG results and obtain the details by clicking “**UG Medical Counselling - Deemed/Central Universities**”.

Admission to both General and NRI category seats in MBBS is based on inter-se merit in NEET-UG.

The fee structure for MBBS (General & NRI categories) is made available on our website **www.nitte.edu.in**



Documents required for admission to MBBS (Original + 3 attested copies)

- NEET-UG allotment letter
- NEET score card & rank letter
- 10th standard marks card
- 12th standard marks card
- Transfer certificate
- Conduct certificate
- Migration certificate
- Physical fitness certificate
- Blood group certificate
- Category certificate (If allotted under particular category)
- Aadhaar card copy of the student
- PAN card copy of the parent
- 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.)



Additional documents for NRI candidates

- Passport copy of the parent
- Parent's resident certificate issued by the Embassy of the country
- Employment certificate of the parent
- Income tax documents required as per the Income Tax Act, 1961

Additional documents for foreign nationals

- Valid foreign passport and valid visa for the period of study
- Valid residential permit in India
- AIDS-free certificate
- Equivalence certificate from the Association of Indian Universities, New Delhi

Commencement of Course

The MBBS course commences on the date prescribed by the Medical Council of India, generally during the first week of August.



MD/MS

Eligibility

Pass in MBBS from a recognized medical college with permanent registration of any State Medical Council. Candidate should be NEET-PG qualified.

Admission to both General and NRI category seats in MD/MS is based on inter-se merit in NEET-PG.

Admission Procedure

In addition to the basic eligibility criteria mentioned above, students seeking admission to MD/MS program will be required to qualify in the National Eligibility cum Entrance Test, NEET-PG which will be conducted by the National Board of Examinations (NBE) generally in January each year. The responsibility of NBE is limited to the conduct of NEET-PG, declaration of the result and providing the result to MCC, DGHS, MoHFW for onward transmission to State Counselling Authorities. NBE has no role in counselling and allotment of seats.

Application form for NEET-PG can be submitted online through the website **www.nbe.edu.in** on notification. Students are advised to carefully read the Information Bulletin and keep the correct details ready, before submission of the form. Kindly visit **www.mcc.nic.in** after announcement of the NEET-PG results to know the procedure of counselling in Deemed/Central Universities.

The fee structure of MD/MS is made available on our website **www.nitte.edu.in**





Documents required for admission to MD/MS (Original + 3 attested copies)

- Admit card issued by NBE
- Result/rank letter issued by NBE
- NEET-PG allotment letter & score card
- SSLC or equivalent marks card or birth certificate
- MBBS degree marks cards of all years
- Internship completion certificate
- Provisional/MBBS degree certificate
- Medical Council Registration certificate
- Karnataka Medical Council Registration certificate (compulsory for all students)
- MCI recognition of MBBS degree
- Transfer certificate
- Conduct certificate
- Migration certificate
- Physically handicapped certificate issued by the authorized medical boards (if applicable)
- Physical fitness & blood group certificate
- PAN card copy of the parent and student
- Aadhaar card copy of the student
- For NRI category admission: NRI status proof (Passport copy, employment certificate, Residence proof, Income tax documents, Sponsorship letter of parent/sponsor)
- 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.)

MCh (Urology)

Eligibility and Admission Procedure

Pass in MS (General Surgery) or equivalent examination from a medical college recognized by the MCI with permanent registration of any State Medical Council.

Admission is based on inter-se merit in NEET-SS which is conducted by the National Board of Examination (NBE). Kindly visit **www.mcc.nic.in** after announcement of the NEET-SS results to know the procedure of counselling in Deemed/Central Universities.

The fee structure is made available on our website **www.nitte.edu.in**

BSc Courses

- **Anaesthesia & Operation Theatre Technology (A&OTT)**
- **Medical Imaging Technology (MIT)**
- **Medical Laboratory Technology (MLT)**
- **Respiratory Therapy (RT)**

Eligibility and Admission Procedure

Pass in 10+2, with 40% marks in Physics, Chemistry & Biology and 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.

Students seeking admission to any of the BSc courses are required to submit the Admission Enquiry 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 is based on merit in the qualifying examination.

The fee structure of all the BSc courses is made available on our website **www.nitte.edu.in**



Documents required for admission to BSc Courses

- 10th standard pass certificate for proof of date of birth (Original + 3 attested copies)
- 12th standard equivalent 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 (Original + 3 attested copies)
- Physical fitness and blood group certificate
- Aadhaar card copy of the student
- 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.)



MSc Courses

- **Anaesthesia & Operation Theatre Technology (A&OTT)**
- **Medical Imaging Technology (MIT)**
- **Medical Laboratory Technology (MLT)**
- **Respiratory Therapy (RT)**

Eligibility and Admission Procedure

A candidate seeking admission to MSc course must have passed Bachelor's degree of minimum 3½ years duration in the relevant subject recognized as equivalent by Nitte (Deemed to be University), with not less than 50% marks in aggregate.

Foreign Nationals and candidates who have qualified from a Foreign University/Board should obtain prior permission from Nitte (Deemed to be University) for equivalence of the qualification.

Students seeking admission to any of the MSc courses are required to submit the Admission Enquiry 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 is based on merit in the qualifying examination.

The fee structure of all the MSc courses is made available on our website **www.nitte.edu.in**

Documents required for admission to MSc Courses

- 10th standard pass certificate for proof of date of birth (Original + 3 attested copies)
- Degree marks cards of all years (Original + 3 attested copies)
- Provisional/degree 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 (Original + 3 attested copies)
- Physical fitness and blood group certificate
- Aadhaar card copy of the student
- 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.)

MPH (Public Health)

Eligibility

Any graduate in Health Sciences - MBBS, BDS, BVSc, BAMS, BHMS, BUMS, BPharm, BPT, BSc (N), PB BSc (N), BPH, Paramedical Sciences - BSc (MIT), BSc (A&OTT), BSc (MLT), BSc (RT), BSc in Biomedical Science, Veterinary Science, Natural Sciences (any life science), Social Sciences & Social Work, Engineering including Environmental Engineering, Management, Commerce, Humanities or any other degree equivalent thereto, from a recognized University with a minimum of 50% marks in aggregate.

Admission Procedure

Students seeking admission to MPH are required to submit the Admission Enquiry 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.

Eligible students will be selected on the basis of educational qualification, achievements, professional experience relevant to the field of public health and personal interview.

The fee structure of MPH is made available on our website **www.nitte.edu.in**

Documents required for admission to MPH

- 10th standard pass certificate for proof of date of birth (Original + 3 attested copies)
- Degree marks cards of all years (Original + 3 attested copies)
- Internship completion certificate (if applicable) (Original + 3 attested copies)
- Provisional/Degree certificate (Original + 3 attested copies)
- Registration certificate from the respective Statutory Council (if applicable) (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 (Original + 3 attested copies)
- Physical fitness and blood group certificate
- Aadhaar card copy of the student
- 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.)

MHAHSM (Hospital Administration & Health Systems Management)

Eligibility

Any graduate in Health Sciences - MBBS, BDS, BVSc, BAMS, BHMS, BUMS, BPharm, BPT, BSc(N), PB BSc(N), BPH, Paramedical Sciences - BSc (A&OTT/MIT/MLT/RT), BSc in Biomedical Science, Veterinary Science, Natural Sciences (any life science), Social Sciences & Social Work, Engineering including Environmental Engineering, Management, Commerce, Humanities or any other degree equivalent thereto, from a recognized University with a minimum of 50% marks in aggregate.

Admission Procedure

Students seeking admission to MHAHSM are required to submit the Admission Enquiry 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.

The fee structure of MHAHSM is made available on our website www.nitte.edu.in

Documents required for admission to MHAHSM

- 10th standard pass certificate for proof of date of birth (Original + 3 attested copies)
- Degree marks cards of all years (Original + 3 attested copies)
- Internship completion certificate (if applicable) (Original + 3 attested copies)
- Provisional/Degree certificate (Original + 3 attested copies)
- Registration certificate from the respective Statutory Council (if applicable) (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 (Original + 3 attested copies)
- Physical fitness and blood group certificate
- Aadhaar card copy of the student
- 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.)



Facilities

Student Training

The colleges offer all the required infrastructure for undergraduate and postgraduate training in medicine, dentistry and allied fields. These include a multispecialty 1000-bed teaching hospital and 425-chair dental teaching hospital with comprehensive diagnostic, therapeutic and rehabilitation services.

Justice K S Hegde Charitable Hospital is equipped with advanced facilities like pediatric, cardiac & neonatal intensive care units, modern operation theatre suites, cardiac cath lab, MRI & CT scan, mammography, dialysis, tissue bank with organ transplant facilities, comprehensive neurosciences centre, exclusive cancer centre with radiotherapy unit, blood bank with components and aphaeresis facility, assisted reproduction (IVF) etc. There is a well-equipped Central Research Laboratory housed at K S Hegde Medical Academy with facilities like Cytogenetics, Molecular genetics, Biodosimetry Laboratory, Umbilical Cord Blood Bank and Stem Cells Laboratory.

A B Shetty Memorial Institute of Dental Sciences gives students the required exposure to facilities like Advanced Dental Imaging (CBCT), CAD CAM Systems, Operating Microscope, Intra Oral Scanner, Dental Implants, Cleft-lip & Palate repair etc.

In addition to clinical training at the teaching hospital, the University places a strong emphasis on community-based training and creates opportunities for students through innovative programs for interaction with local communities at its 21 rural health centres and two rural tertiary care hospitals. These centres provide ample clinical material and diverse training opportunities ranging from hospital-based practice to community embedded care.

The Clinical Skills & Simulation based Training Centre with models, manikins and patient simulators enable trainees to practice and acquire critical skills safely. The faculty provide support to learners with diverse needs through a mentorship program. Students are also encouraged to take up short-term research projects. E-Learning resources are provided to augment self-directed learning. The campus is Wi-Fi enabled. Assistance is provided to students to prepare for competitive PG entrance examinations including USMLE tests.

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.

Library

KSHEMA: An extensive library with 17477 text and reference books, 74 Indian & 68 international medical journals, in addition to 3233 online journals through Helinet Consortium of the RGUHS, DELNET membership, an evidence-based clinical decision support resource - UpToDate, 1 GBPS High speed broadband internet connection from National Knowledge Network (NKN) and photocopying facilities are available.

ABSMIDS: An expansive and well-stocked library with nearly 8300 volumes and subscriptions to over 120 academic journals guarantees access to the latest developments in the field of dentistry while nurturing a strong base of knowledge. Additional aids come in the form of a digitized book bank and a Wi-Fi enabled campus to augment and enrich further, the learning experience.

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 and outdoor games and television. A resident warden is available to ensure that students are safe. Healthcare requirements like doctor-on-call facility to handle medical emergencies are available. The hostel has zero tolerance towards ragging, use of tobacco and drug abuse. Security personnel are placed round-the-clock in all the hostels.

Sports & Recreation

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. Full-time physical education teachers are available in the campus to train students in sports activities. Vibrant student clubs like Literary & Debate Club, Music Club, Mission Hope etc. are part of the college.

Campus Amenities

A commercial bank with ATM, cafeterias, general store, Wi-Fi connectivity and round-the-clock security are available within the campus.

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. Use of bicycles and electric car for commuting within the campus is encouraged. This is an initiative taken to maintain a healthy lifestyle and a green campus.



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

Superspecialty

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

Other Clinical Facilities

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





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 testis, 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 cancer 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



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