

29 Years of Comprehensive Cancer Care

DR. D. K GOSAVI MEMORIAL
SHRI SIDDHIVINAYAK GANAPATI
CANCER HOSPITAL



SANJEEVAN MEDICAL
FOUNDATION, MIRAJ





How it all started...

It is more than two decades since Shri Siddhivinayak Ganapati Cancer Hospital has been catering to the needs of cancer patients in southern Maharashtra, north Karnataka and parts of Konkan. The idea of starting a modest Community Cancer Centre in Miraj was conceptualized by Dr. Dattatraya K. Gosavi in early 1990s and once the seed was sown, he focused his energies to start and establish the project which was dear to his heart. With the active support from several agencies, well wishers and individuals from far and near, the first patient was rd treated on 3 October 1997 at Shri Siddhivinayak Ganapati Cancer Hospital.

Over the years Shri Siddhivinayak Ganapati Cancer Hospital has developed in to a full-fledged Tertiary Cancer Care Centre in Miraj. Various modalities of treatment such as Surgery, Radiotherapy and Chemotherapy are offered at reasonable cost to needy patients. Sponsored schemes viz; Mahatma Jyotiba Phule Jan Arogya Yojana initiated by Govt of Maharashtra and Arogya Karnataka Scheme initiated by Govt. of karnataka are available.



Surgical Oncology

The Department of Surgical Oncology was initially guided by the stalwarts of the field, Dr. Prafulla Desai and Dr. Sultan Pradhan, Dr. Prafulla Desai and his team even performed the initial surgeries. Department is formed by team of Super specialist surgeons trained in renowned Tata Memorial Hospital, Mumbai and other oncosurgical setups.

This Department performs more than 1000 major & more than 500 minor surgeries in a year. Surgeries are performed in the state-of-the-art Modular Operation Theatres. The supra major surgeries include head and neck surgeries with reconstruction, surgeries for cancer of oesophagus and stomach, hepatobiliary and pancreatic tumours, colon and rectal cancers and cancers of female genital tract like ovarian cancer and cervical cancer. Bronchoscopy, DLscopy, upper Glscopy and LowerGlscopy are routinely performed in the department.

The state-of-the-art facilities include latest generation Olympus video endoscopes for upper and lower gastrointestinal tract, genitourinary tract and the respiratory system. The Department boasts of our well-equipped, air- conditioned modular operation theatres with modern technology for safe anaesthesia and surgery. The post-operative care is provided by in house intensivist & trained I.C.U. staff. The patients are monitored round the clock on multichannel monitors.

Tumour Board

A Tumour Board that comprises of all specialities presides over the planning of the rare and complicated cases, ensuring that the patient is treated in the best available manner.



Uro-oncology

This is a unique department to undertake the treatment of the entire spectrum of urological cancers which include cancers of kidney, ureter, bladder, prostate, testis and penis. The Department also undertakes work on adrenal lesions, retroperitoneal tumours and paediatric urological tumours.

In kidney cancer, the work load consists of radical nephrectomy, with thrombus excision, nephron sparing surgery and nephroureterectomies. In bladder cancer, we have expert endo-urological treatment for superficial bladder cancer and have a large in travesical BCG programme.

Radical cystectomy is routinely performed in the Department of Uro-Oncology. Retroperitoneal LN dissection and post chemos are RPLND routinely done here with excellent results.

This unit takes great pride in having treated over more than 300 adrenal tumours over last Twenty Eight years, majority of them being Pheochromocytomas - a very challenging surgical exercise. Wilm's Tumours are the commonest paediatric urological cancers we come across.

Anesthesia Dept.

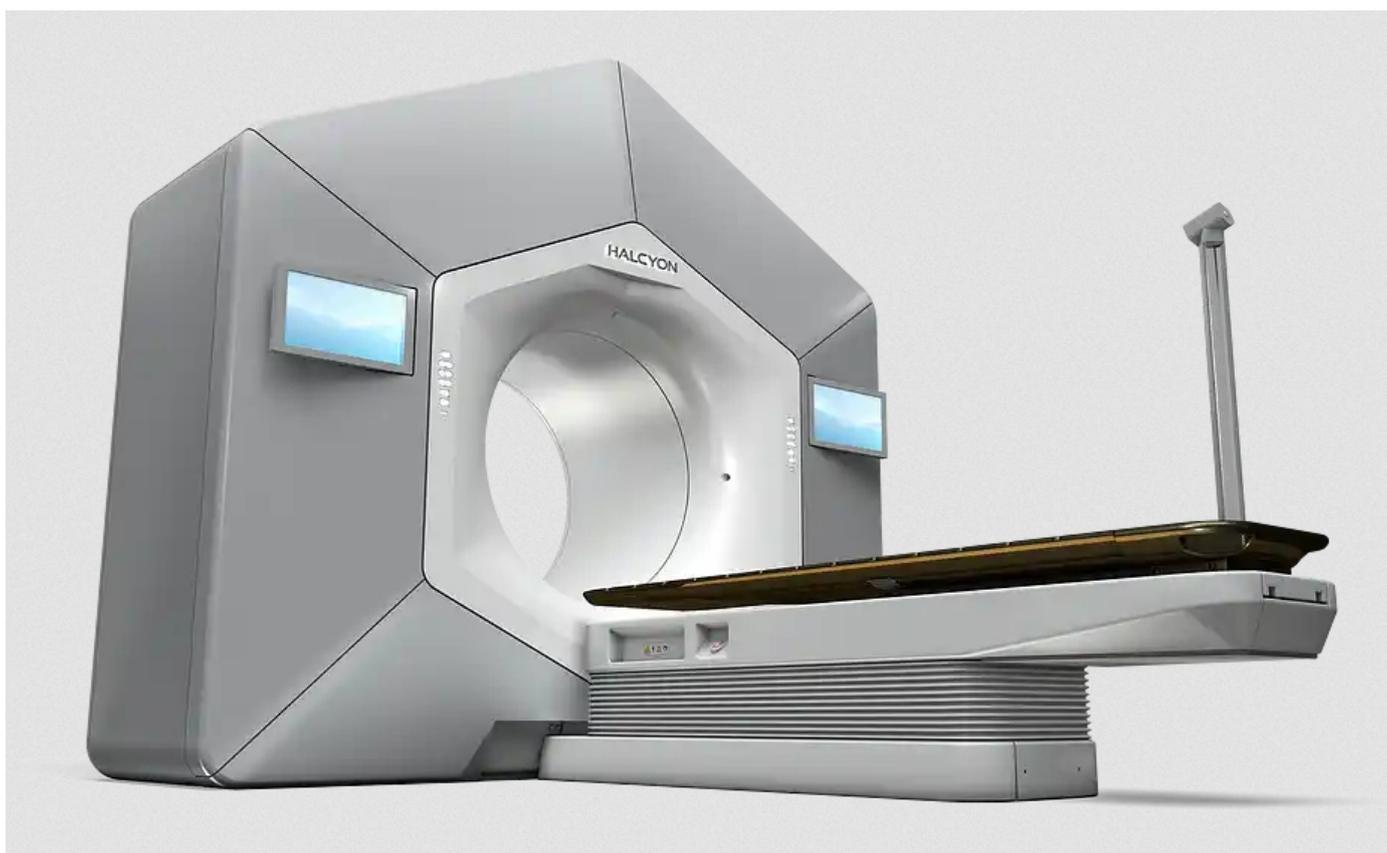
Safe and advanced techniques including fibre optic intubation / advanced anesthesia workstation with advanced monitoring like CVP / IBP provided by qualified & trained in house anaesthetists.

Medical Oncology

A full fledged Medical ICU and a dedicated Leukemia Ward is an important feature of the Medical Oncology Department. The ICU is a unique facility of its kind specially geared to handle emergencies and critical conditions which are non-surgical in nature. Dept. is headed by super-specialists and expert consultants manned by well trained staff and day care facilities available.



- Department is pivotal to the comprehensive cancer care, being integral in the multimodal cancer treatment plan which is crucial to achieving optimal results.
- First of its kind established in the region.
- Handles complex chemotherapy protocols including those for solid tumours as well as - haematolymphoid malignancies.
- Successfully handling High dose Methotrexate based regimens with at par results.
- Paediatric solid tumours including RMS, Neuroblastoma, Hepatoblastoma, Germ Cell - Tumors treated with very high success rates.
- Organised unit for handling optimum diagnostics, therapeutics including round the clock management of life threatening complications including neutropenic sepsis, thromboembolism etc.
- Recently added the armamentarium of Targeted therapy and Immunotherapy.
- Overall a truly comprehensive and well organised Department



Radiation Oncology

Radiation Oncology is an integral part of the multidisciplinary management of cancer.

It utilizes high-energy X-rays/photons to destroy cancer cells. It functions by targeting and maximizing the dose to the tumour while minimizing the impact on surrounding healthy tissue. Approximately 60 to 70 % of all the cancer patients require radiation therapy at some point during their treatment.

Our Radiation Oncology department was established in **May 1997**, beginning with a Cobalt-60 machine for treatment. We then advanced to the Linac IX in year 2013, which was among the finest machines of its era.

In keeping with continual technological evolution and modern global practices, we have now upgraded to the state-of-the-art **Halcyon linear accelerator**-a cutting-edge, top-of-the-line machine dedicated to benefiting our patients.

The Halcyon is developed by **Varian Medical Systems US**, a company that has been at the forefront of innovative advances in LINAC technology for decades. The main tenet of the Halcyon design is to ensure and enhance patient comfort and safety while being operator friendly.

- Its ring gantry increases mechanical stability for precise beam delivery and rotates four times faster than a standard LINAC, allowing for faster IMRT treatments.
- Its cone beam CT guidance captures images in less than 15 seconds. The 6 MV FFF (Flattening Filter Free) design enables a very high dose rate, which is ideal for precision radiotherapy.
- The wide bore feels less confining, and the quiet, calm environment features nearly silent operation.
- The low treatment couch makes getting on and off easier.

The Halcyon system offers the following treatments which we routinely do in our department.

* **Stereotactic Body Radiotherapy (SBRT):** This delivers a very high dose of radiation by means of highly focused beams under image guidance specifically in CNS, Liver and Lung cancer patients.

* **Volumetric Modulated Arc Therapy (VMAT):** This is a rotational IMRT technique that is quicker and more efficient.

* **Intensity-Modulated Radiotherapy (IMRT):** This allows radiation doses to conform to the three-dimensional shape of the tumour by modulating the intensity of the radiation beam.

All these highly conformal treatments techniques require high resolution image guidance which is an integral part of our LINAC machine.

Our department is also equipped with a **Varian Gamma Med plus Ix HDR Brachytherapy system**. This technology enables brachytherapy-a highly precise form of radiotherapy where a radioactive source is placed directly at or near the tumour site within the body.

This plays an important part in treating many Gynecological cancers, soft tissue sarcomas and oral cavity cancers.

Bone Marrow Transplant - BMT

Bone marrow is the soft, spongy tissue found inside bones. It contains hematopoietic (blood-forming) stem cells, which develop into red blood cells, white blood cells, and platelets. Healthy bone marrow is essential for normal blood production and a strong immune system.

What is Bone Marrow Transplantation?

Bone Marrow Transplantation (BMT) is a specialized treatment that involves the infusion of healthy hematopoietic stem cells to re-establish normal bone marrow function following intensive chemotherapy or radiation therapy. It is performed in high-risk malignancies where chemotherapy and immunotherapy alone are insufficient to achieve cure.

At our hospital, Bone Marrow Transplantation is performed by experienced super-specialist clinical hematologists, following strict international safety and infection-control protocols.



Types of Bone Marrow Transplant

Autologous Transplant – Patient receives their own previously collected stem cells.

Allogeneic Transplant – Stem cells are obtained from a matched donor (sibling, parent, or unrelated donor).

Conditions Treated with Bone Marrow Transplant

Leukemia | Lymphoma | Multiple Myeloma
Selected pediatric cancers such as Neuroblastoma

Leukemia Ward

The Leukemia Ward is a dedicated, specialized unit designed for patients with acute leukemia who require intensive and prolonged treatment.

Key Features:

Fully air-conditioned, infection-controlled cubicles

Comfortable and aesthetically designed accommodation for long-term stay

Advanced facilities for continuous monitoring and emergency resuscitation

Infrastructure focused on minimizing infections and ensuring patient safety

Radiology and Imaging Department

The Radiology Department provides comprehensive diagnostic and interventional imaging services using advanced technology.

Our facilities include:

- Digital X-ray
- Ultrasonography (USG) with Color Doppler
- 32-slice ultra-fast CT scan
- Digital Mammography for breast imaging

We also offer a wide range of image-guided procedures, such as:

- USG and CT-guided biopsies
- FNAC and aspirations
- Drainage and other minimally invasive procedures like PTBD, PCN etc

These services enable early diagnosis, accurate treatment planning, and improved patient outcomes

We are also in the process of establishing advanced Interventional Radiology (IR) services, including Radiofrequency Ablation (RFA), Microwave Ablation etc to provide minimally invasive, image-guided therapeutic procedures for a wide range of conditions.

Siemens Somatom go. now (CT Scan - 32 Slice)



Dr. PRABHA GOSAVI MEMORIAL WING



We are proud to have started a new, full-fledged indoor wing with upgraded private rooms consisting of all modern facilities. The wing include spacious rooms with attached bathrooms and balconies to ensure comfortable stay of the patients and relatives. Further facilities for private nursing, door-to-door pharmacy and cafeteria are being provided in this special wing.



ICU and CCU

Most important aspect and the strength of a super speciality hospital is its intensive care unit. We at Shri Siddhivinayak Ganapati Cancer Hospital have 22 bedded ICU equipped with advanced monitors and ventilators and HFNO. One complete dedicated medical CCU with 10 beds where all critical patients and medical emergencies are managed. There is a separate 10 bedded surgical ICU (SICU) for post operative surgical patients which is adjacent to OT complex.

Apart from this there is a 7 bedded isolation ICU. There is full time intensivist available for management of critical patients along with team of our expert consultants.



Hemodialysis

The Department of Hemodialysis contains fully air-conditioned four station hemodialysis unit, with 4 fully automated Fresenius machines. The unit has been especially designed under the expert guidance of Nephrologists.

Other than providing maintenance Hemodialysis and Hemofiltration for patients with chronic renal failure, this unit also provides renal replacement therapy for any patient admitted at SSGCH who needs the support either due to AKI (Acute Kidney Injury) or ESRD (End Stage Renal Disease).

Clinical Pathology, Histopathology and Medical Microbiology

Hospital has state of the art pathology department which forms the backbone in the management of cancer patients.

Clinical pathology department is committed for quick round the clock quality drives laboratory reports. The laboratory follows stringent internal and external quality programmes. The lab is equipped with state of the art equipment for routine and specialized diagnostic tests. The laboratory specializes in diagnosing hematologic malignancy solid tumour special tests viz tumour markers and hormone assays. Laboratory also provides wellness packages for routine health screening for men and women.

Surgical pathology department has renowned expert team of doctors. Apart from routine histopathologic and cytologic services, our department specialities in Immunohistochemistry, frozen sections (rapid intra-operative consultations) and providing counseling for molecular studies.

We also have University approved teaching programme in Oncopathology running successfully last 5 years.

Medical Microbiology confirms variety of infections in immunocompromised patients that happen due to hematopoietic and non hematopoietic cancers. These infections are often aggressive and resistant to conventional treatment. Cancer patients are more prone to fungal infections and sometimes to mycobacterial infections. Culture and sensitivity for both infections is carried out routinely.



Blood Centre

A blood centre is an integral part of any Superspeciality hospital and more so in a Cancer Center. The blood centre supplies Safe & good quality blood & blood components to the patient within the hospital as well as Other hospitals. Components prepared, are RBCs, random donor platelets, FFP, and single donor Platelets. Services are offered round the clock.

Our centre collected around 5000-6000 blood donors/year in the blood centre and also arranging blood donation Camps. We also provide 10 thousand to 12 thousand blood components to the patient. We do our TTD testing by CLIA method, it has high sensitivity & Specificity helps to ensure safe blood to the patients. We also provide apheresis platelet, it is high quality product in full therapeutic dose which also decreases multiple donor exposure, We make Free of cost supply of blood to Thalassemia and Hemophilia patients as well as patients under MJPJAY & other gov Schemes.



PET - CT

PET CT Scan

"PET" stands for positron emission tomography. PET creates an image (scan) of your body's biochemical activity. PET shows the rate at which your body's cells break down and use sugar (glucose). This activity is called metabolism. Cancer cells metabolize sugar at a higher rate than normal cells do. A PET scan shows this abnormal cell activity. For your PET scan, a small amount of radioactive material is injected into your blood stream. This material is called a radioisotope. A PET scanner detects the radioisotope and then creates an image on the computer screen. PET exposes you to a very low level of radiation.

The highly sensitive PET scan detects the metabolic signal of actively growing cancer cells in the body and the CT scan provides a detailed picture of the internal anatomy that reveals the location, size and shape of abnormal cancerous growths. Individually each imaging test has certain limitations and benefits but when the results of PET and CT scan are "fused" together, the combined image provides complete information on cancer location and metabolism. In one continuous full-body scan (usually about 15 to 20 minutes) PET captures images of miniscule changes in the body's metabolism caused by the growth of abnormal cells (cancer), while CT images simultaneously allow physicians to pinpoint the exact location, size and shape of the diseased tissue or tumor. Essentially, small lesions or tumors are detected with PET and then precisely located with CT

PET- Indications

Diagnosis, staging and restaging of Lung Cancer, Breast Cancer, Colorectal Cancer, Hodgkin's and Non-Hodgkin's disease, Melanoma, Esophageal Cancer, Head and Neck Cancers, Lymphoma, Myocardial viability infection imaging dementia and epilepsy and metabolism. In one continuous full-body scan (usually about 15 to 20 minutes) PET captures images of miniscule changes in the body's metabolism caused by the growth of abnormal cells (cancer), while CT images simultaneously allow physicians to pinpoint the exact location, size and shape of the diseased tissue or tumor. Essentially, small lesions or tumors are detected with PET and then precisely located with CT

Library

The Internet facility is provided at the library along with all the required references from the National Medical Library and all scientific journals related to cancer. The library is regularly updated to be up-to-date and standard.

This Hospital is now affiliated with National Cancer Grid (NCG) Programme through Tata Memorial Hospital, Mumbai. Accordingly our library has access to following 10 journals on Ovid under NCG consortium.

American Journal of Surgical Pathology, Anesthesiology, Annals of Surgery, Anesthesia & Analgesia, Critical Care Medicine, Cancer Nursing, International Journal of Gynecological Cancer, Journal of Pediatric Hematology / Oncology, Plastic & Reconstructive Surgery, Ultrasound Quarterly. E-library with E-journals available.

Dental

The Dental Department is fully equipped with modern dental equipment. Routine dental procedures such as fillings, scaling, root canal treatment, crowns and bridges, partial and complete dentures are done here.

Seminar Hall

Well-equipped air-conditioned seminar hall is present to hold various academic meetings. The proximity of the seminar hall provides for the facility to display the surgeries being performed to the ++participants of the seminar.

Pharmacy

The well-stocked round the clock (24x7) pharmacy present within the premises is staffed by registered pharmacists and ensures that all requirements are met within the campus itself

Temple and Dhyan Mandir

The temple and dhyan mandir in the premises helps to seek the spiritual strength required to battle cancer. This place is open to patients, their friends and family to seek solace in prayers and meditation.

Ambulance Service

Two state-of-the-art ambulances at SSGCH manned by trained staff are equipped to handle the most complex emergencies and are available to our patients 24x7. These ambulances carry all standard



Clinical Research

The Department of Clinical Research carries out studies related to the development of drugs for battling cancer. The studies adhere to the protocols and regulations as set by the Government of India. So far the Department of Clinical Research has participated in 5 global multi-centre studies, benefiting some patients who had no other treatment option left.

SIRO Recognition

SSGCH is recognized as Scientific and Industrial Research Organisation (SIRO) by Ministry of Science and Technology, Government of India, New Delhi. The recognition facilitates reception of administrative support from Ministry of Science and Technology as required to promote or encourage scientific research activities.

CASHLESS INSURANCE FACILITY AVAILABLE

GOVT. INSURANCE



**THE NEW INDIA
ASSURANCE CO. LTD**



**NATIONAL INSURANCE
COMPANY LIMITED**



**ORIENTAL
INSURANCE COMPANY**

PRIVATE INSURANCE

**STAR HEALTH INSURANCE
SBI GEN INSURANCE
RELIANCE GEN INSURANCE
MAX BUPA (NIVA BUPA)
BAJAJ ALLIANZ
ADITYA BIRLA HEALTH
TATA AIG
ICICI Lombard**

Ethics Committee

Our Institutional Ethics Committee is registered with Central Drug Standard Control Organization, Govt. Of India. Our Ethics Committee ensure the protection of rights, Safety and well-being of human subjects involved in clinical trials and responsible for reviewing and approving protocols.

Govt. of India

AB Ayushman Bharat Scheme.

Govt. of Karnataka Health Scheme

ARK Arogya Karnataka Scheme

Govt. of Maharashtra Health Scheme

MJPJAY Mahatma Jyotiba Phule Jan Arogya Yojana.

IPF

Indigent Patient Fund

ECHS

Ex service man contributing health scheme

Donations

Shri Siddhivinayak Ganapati Cancer Hospital, Miraj is approved by the Ministry of Finance, Government of India to collect donations under Section 35 (i) (ii) of Income Tax Act, 1961 w. e. f. 01/04/2007.

All donations to this Institution are 125% exempt under Income Tax Act, 1961.

Academic Activities

We are pleased to inform that our institution has been recognized by the MUHS (Maharashtra University of Health Sciences) Nashik to conduct full time one year +Fellowship Courses on the following subjects is awarded.

- Head & Neck Cancer Surgery - 2 Seats
- Onco - pathology - 1 Seat.
- Medical Oncology - 2 Seats

All the admissions will be done by the university through Online Centralized Admission procedure of MUHS.

Doctors' Panel

SURGICAL ONCOLOGY

Dr. Vikas Gosavi
Dr. Vivek Kulkarni
Dr. Priyadarshan Chitale
Dr. Shriniketan Kale
Dr. Gautam Purohit (Head & Neck)
Dr. Abhijit Phalle

URO-ONCOLOGY

Dr. Makarand Khochikar
Dr. Sahil Sheikh

MEDICAL ONCOLOGY

Dr. Ravindra Joshi
Dr. Uday Phatak

HAEMATO-ONCOLOGY

Dr. Sandeep Nemani

RADIATION ONCOLOGY

Dr. Amit Grover
Dr. Abhinav Ingale

HISTOPATHOLOGY & CLINICAL PATHOLOGY

Dr. (Mrs.) Rakhi Jagdale
Dr. Abhijit Pethkar
Dr. Sachin Patil
Dr. (Mrs.) Alka Gosavi

MICROBIOLOGY

Dr. (Mrs.) Jayanti Phatak

BLOOD CENTRE

Dr. Mohan Mendhapurkar
Dr. Sandeep Patil

RADIOLOGY

Dr. Shrivardhan Patil
Dr. Manohar Kachare
Dr. Sarang Gosavi

ANAESTHESIA

Dr. (Mrs.) Ankita Gosavi
Dr. (Mrs.) Ruta Kulkarni
Dr. (Mrs.) Aparna Purohit

INTENSIVE & CRITICAL CARE UNIT

Dr. (Mrs.) Ankita Gosavi

PREVENTIVE ONCOLOGY

Dr. (Mrs.) Amita Gosavi
Dr. (Mrs.) Jayanti Phatak

PAIN MANAGEMENT & PALLIATIVE

Dr. Amit Grover

PHYSICIAN

Dr. Uday Phatak

PAEDIATRICIAN

Dr. Sachin Jangam

GASTROENTEROLOGY

Dr. Sujay Kulkarni

NEPHROLOGY & DIALYSIS

Dr. Bipin Munjappa

HISTOPATHOLOGY (Hon. Consultants)

Dr. A. G. Gujar
Dr. D. G. Paricharak
Dr. V. S. Joshi

Governing Council Members

- 1 Shri. Shishir S. Shirgaonkar
- 2 Dr. Shishir Gosavi
- 3 Dr. Mrs. Amita Gosavi
- 4 Mrs. Prabhatai Kulkarni
- 5 Mr. Vijay Navandhar
- 6 Dr. Vikas Gosavi
- 7 Dr. Rahul Gosavi
- 8 Dr. Sarang Gosavi
- 9 Shri. Arun Shah
- 10 Dr. Ankita Gosavi
- 11 Dr. Manali Gosavi
- 12 Shri. Abhay Gulavani
- 13 Dr. Y. S. Toro
- 14 Nominee, Sir Ratan Tata Trust
- 15 The President, Rotary Club Miraj
- 16 Mayor, SMK Corporation
- 17 Nominee, Siddhivinayk Temple Trust

Local Managing Committee Members

- 1 Shri. Shishir S. Shirgaonkar
- 2 Dr. Shishir D. Gosavi
- 3 Dr. Mrs. Amita S. Gosavi
- 4 Mrs. Prabhatai Kulkarni
- 5 Shri. V. M. Navandhar
- 6 Dr. Rahul S. Gosavi
- 7 Dr. Sarang S. Gosavi
- 8 Shri. Arun Shah
- 9 Dr. Vikas Gosavi
- 10 Dr. Ankita Gosavi
- 11 Dr. Manali Gosavi
- 12 Shri Abhay Gulavani
- 13 Dr. Y. S. Toro

Trustees

Shri. Shishir Shirgaonkar

Chairman & Trustee

Dr. Mrs. Amita S Gosavi

Trustee

Dr. Sarang Shishir Gosavi

Trustee

Mrs. Prabhatai Kulkarni

Vice Chairman & Trustee

Shri. Vijay Navandhar

Trustee

Dr. Shishir D. Gosavi

Managing Trustee

Dr. Rahul Shishir Gosavi

Trustee

Executive Members

Dr. Shishir Gosavi

Executive Director

Dr. Vikas Gosavi

Senior Consultant Surgeon

Dr. (Mrs) Amita Gosavi

Joint Executive Director

Dr. (Mrs) Ankita Gosavi

Medical Superintendent &
Admin, Director

Dr. Sarang Gosavi

Medical Director

Mr. Milind Kulkarni

Chief Administrative Officer



SHRI SIDDHIVINAYAK GANAPATI CANCER HOSPITAL

Sangli Road, Miraj,
(0233) 2211601, 2211602.
Email: cancermiraj@gmail.com

For further information, please write to
Dr. Shishir Gosavi
Executive Director and Managing Trustee

DR. D. K GOSAVI MEMORIAL
**SHRI SIDDHIVINAYAK GANAPATI
CANCER HOSPITAL**



SANJEEVAN MEDICAL
FOUNDATION, MIRAJ