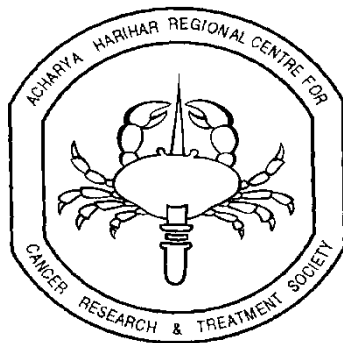




# **ACHARYA HARIHAR REGIONAL CANCER CENTRE**

**ANNUAL REPORT**  
**2014-15**

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## I. FROM THE DESK OF DIRECTOR

**AHRCC**, Cuttack being one of the 27 RCCs of India at present started functioning since 24th April 1984 as an Odisha state-autonomous institution to facilitate treatment, education & training and research of cancer with modern and advanced method and technologies. Early detection and treatment with prevention of cancer is the motto of this institution.

The **Governing Body** of this centre is constituted under the Chairmanship of the Hon'ble Minister of Health & Family Welfare, Govt. of Odisha. The Governing Body shall have general control over affairs of the institute and shall have authority to exercise all powers and perform all functions for the planning and running of the institute consistent with aims and objective of the institute.

An **Executive Committee** is also formed under the Chairmanship of the Secretary to Govt. of Odisha, Health & Family Welfare department to monitor and guide the Director for better management of the Institute. The Director being appointed by the Government of Odisha as the Chief Executive of the centre. His duties & functions are described in the AHRCC-Bye-Laws, currently amended up to 2013.

This Centre solely depends on the grants received from Govt. of Odisha, Govt. of India and Users' fee collected from the patients. Central Government has proposal to elevate this State Cancer Institute (SCI) as an Apex Centre of Excellence at par with any developed cancer centre of India.

AHRCC aims at rendering best clinical services to the ailing cancer patients of the whole state of Odisha and its neighboring regions of West Bengal, Bihar, Jharkhand, Chhattisgarh and Andhra Pradesh comprising about 5 crores of population. This centre has been enrolled for Hospital Based Cancer Registry (HBCR) under National Cancer Registry Programme (NCRP). It is a tobacco-free cancer hospital in Odisha having 10 specialized departments like Anesthesiology, Gynecological Oncology, Head & Neck Oncology, Medical Oncology, Medical Physics, Nuclear Medicine, Oral Surgery, Pathology, Radiation Oncology, Radiology, and Surgical Oncology. The Pain and Palliative Care unit is functioning as a project under the Dept. of Anesthesiology.

It functions over 6.196 acres of land. Action has also been taken for expansion of the campus of this centre with a good boundary-wall, lawns & gardens and opening of the main entrance in the north from the Mahanadi ring road side. To meet the increasing load proposal has been submitted for its second campus in Barang area of Cuttack District.

Our OPD attendance is 32866 out of which the Indoor admission is 23004. A Tumor Board is functioning daily with the senior faculties from different departments for finalization of treatment plan of the cancer patients attending this centre. As this

institute runs with only 160 sanctioned free beds and 121 paying beds & cabins, and ten bedded **Sovan Bhuyan Memorial Day Care Unit**, with about 200 hundred patients being treated on floor. Considering the increasing patient-load and MCI-requirements, steps have been taken for creation of additional posts and filling-up the existing vacant posts in different departments with raising the sanctioned bed-strength to 500. Functioning of 11-bedded ICU in the Annex-building is also under active consideration of the Government.

Post Graduate education is the backbone of one medical institute for its progress and development. This is an academic forum where the interaction between the experienced faculties and young post graduate students provide facilities for modern difficult treatment and prevention of cancer. With the guidance of Govt. of Odisha and after receiving the affiliation from Utkal University steps have been taken from 2014 to open PG course in four subjects i.e. Anesthesiology, Gynecological Oncology, Pathology, and Surgical Oncology in this centre. The issue of exemption letter is under process by the Ministry of Health & Family Welfare, Govt. of India.

Purchase of 1000mA digital X-ray, 60mA portable X-ray, Mammography unit, CR with dry laser camera, vessel sealing device, Binocular microscope with computer attachment and multi-headed microscope is under process. Indent has been placed with OSMC Ltd

The earlier Radiotherapy Dept. of SCB Medical College & Hospital was redesigned as Regional Cancer Centre in 1984 and since then the PG education in Radiotherapy Dept. is functioning under the academic control of SCB Medical College & Hospital, Cuttack. Besides the Diploma course in radiation technology (DMRT) course of SCBMCH regularly conducted by Radiotherapy Dept. Seminars, deliberations are regularly conducted in this centre..

Bio-technology students from different institutes of the country come here for their project work for a stipulated period regularly. Doctors of different Medical Colleges and periphery hospitals come to this centre periodically on rotation basis for short-term training courses in cancer education. Steps have been taken to make a good library with adequate study materials for study & research activities by the PG-students as well as the faculties of this centre. The National Cancer Grid (NCG) has given a proposal to provide support for functioning of an e-library at this centre.

Awareness programs for common cancers like Oral cancer, cervix cancer and breast cancer are conducted regularly in this centre as well as in the periphery rural areas through health camps throughout the year as a part of the National Program for Prevention and Control of Cancer, Diabetes, Cardiovascular Disease and Stroke (NPCDCS). The ill effects of indiscriminate use of tobacco are special target in the awareness program, to prevent the most common oral cancer of this region. Hospital Based Cancer Registry and Patterns of Care and Survival Studies in Cancer Cervix, Cancer

Breast and Head & Neck Cancers (HBCR-POCSS) under the National Cancer Registry Programme is functioning in our institution.

To help the poor, BPL card holders are treated free of cost. To complement the situation they also get help from, Biju Krushak Kalyan Yojana (BKKY), Rastriya Swasthya Bima Yojana (RSBY), Odisha State Treatment Fund (OSTF) Prime Minister's Relief fund, Red Cross Relief fund, Rashtriya Arogya Nidhi (RAN) and Health Minister's Cancer Patient fund for their treatment.

The "Niramaya" is functioning since 01.05.2015 and providing non-cancer drugs. The process to provide anti cancer drugs to all the patients is under way with the support of OMSC Ltd. The 24 hrs emergency service is in operation since 01.06.2015 and there is proposal for full fledged 20 bedded casualty. The Grievance Redressal forum is functioning since 01.06.2015 on every Monday in our centre.

Our centre has provided active support for the opening and functioning of cancer wing at Capital Hospital, Bhubaneswar. Under the NPCDCS scheme our centre is providing cancer diagnosis services to the districts of Malkangiri, Koraput, Nuapada, Nawarangpur & Bolangir since 2014.

We received donations for the developments of our centre. We are grateful to Smt. Rama Das, for her donation of Rs.20,000.00 to our centre during the current financial year.

To conclude, a positive mind can create a beautiful world around. We should believe this and work together selflessly and relentlessly with a positive approach.

**Namaskar**

**Date: 2<sup>nd</sup> July, 2015**

**Prof. Niranjan Rout  
Director**

## II. GOVERNING BODY

AHRCC, Cuttack functions as per the rules and regulations of its own Bye-laws. The centre is registered under Society Registration Act (1860 Odisha Act XXI of 1860) with Registration No. 18921/4 of 1984-85 dated 24.04.1984. The Governing Body under the Chairmanship of Hon'ble Minister, Health & FW is the authority for control and administration of the Society. This body is convened not less than twice a year.

### Members of the Governing Body

|                                                                                                               |               |
|---------------------------------------------------------------------------------------------------------------|---------------|
| 1. Hon'ble Minister, Health & Family Welfare, Odisha                                                          | Chairman      |
| 2. The Principal Secretary to Govt. of Odisha, Health & Family Welfare, Odisha                                | Vice-Chairman |
| 3. The Addl. Chief Secretary to Govt. of Odisha, Finance Dept.                                                | Member        |
| 4. The Development Commissioner-Cum- Addl. Chief Secretary to Govt. of Odisha, Planning & Co-ordination Dept. | Member        |
| 5. The Joint Secretary, Ministry of Health & FW Dept, Govt. of India                                          | Member        |
| 6. The Joint Secretary (FA), Ministry of Health & FW Dept, Govt. of India                                     | Member        |
| 7. Director General, Health Services, Govt. of India .                                                        | Member        |
| 8. The Mission Director, NHM Odisha                                                                           | Member        |
| 9. Director of Health Services, Odisha                                                                        | Member        |
| 10. Director of Medical Education & Training, Odisha                                                          | Member        |
| 11. Principal, SCB Medical College, Cuttack                                                                   | Member        |
| 12. Collector & District Magistrate, Cuttack                                                                  | Member        |
| 13. The State Nodal Officer, NCD Cell, Odisha                                                                 | Member        |

### Persons of outstanding scientific & Professional achievements

|                                                                                      |        |
|--------------------------------------------------------------------------------------|--------|
| 14. Prof. Dr. G. K. Rath, Chief IRCH, AIIMS, New Delhi.                              | Member |
| 15. Prof. K.B. Das, Ex-DMET Odisha and Ex-Director, AHRCC, Cuttack                   | Member |
| 16. Prof. Padmalaya Devi, Superintendent & Head of Surgical Oncology, AHRCC, Cuttack | Member |
| 17. Prof. Dr. Dillip Kumar Parida, Prof. & HOD Oncology, AIIMS, Bhubaneswar          | Member |

### Persons from Philanthropic & Voluntary Organisation & Donors

|                                                                                                                                         |        |
|-----------------------------------------------------------------------------------------------------------------------------------------|--------|
| 18. Prof. Krupasindhu Panda, Ex-Professor & HOD Surgical Oncology, AHRCC, Cuttack & Secretary, Odisha Cancer Foundation Trust, Cuttack. | Member |
| 19. Dr. Satya Ray, Sr. Journalist, "The Samaj", Cuttack. Plot No.1565/5, Sector-6, CDA, Cuttack.                                        | Member |

### Public Representatives

|                                                             |          |
|-------------------------------------------------------------|----------|
| 20. Sri Bhatruhari Mahatab, Hon'ble MP, Cuttack.            | Member   |
| 21. Sri Pravat Ranjan Biswal, Hon'ble MLA, Choudwar-Cuttack | Member   |
| 22. Sri Debasis Samantray, Hon'ble MLA, Barabati-Cuttack.   | Member   |
| 23. Smt. Anita Behera, Mayor, CMC, Cuttack.                 | Member & |
| 23. Director, AHRCC, Cuttack                                | Convenor |

### III. EXECUTIVE COMMITTEE

There is an Executive Committee chaired by the Secretary to Govt. of Odisha, Department of Health & FW to supervise the affairs of the society, issue directions to the Director and empower him as they deem proper to attain the overall objectives subject to the guidelines issued by the Governing Body.

#### Members of the Executive Committee

- |                                                                                                                                             |                       |
|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| 1. <b>The Principal Secretary,</b><br>Health & F.W. Dept., Govt. of Odisha, Bhubaneswar.                                                    | Chairman              |
| 2. <b>The Principal Secretary,</b><br>Finance Dept. Govt. of Odisha, Bhubaneswar.                                                           | Member                |
| 3. <b>The Development Commissioner-cum-The Additional Chief Secretary,</b><br>Planning & Co-ordination Dept., Govt. of Odisha, Bhubaneswar. | Member                |
| 4. The Mission Director, NHM Odisha                                                                                                         | Member                |
| 5. <b>The F.A.-cum-Addl. Secretary</b><br>Health & F.W. Dept., Govt. of Odisha, Bhubaneswar.                                                | Member                |
| 6. <b>The DMET Odisha,</b> Bhubaneswar                                                                                                      | Member                |
| 7. <b>The Principal,</b> SCB Medical College, Cuttack.                                                                                      | Member                |
| 8. <b>The Director,</b> AHRCC, Cuttack.                                                                                                     | (Member<br>-Convener) |

## **IV. OTHER COMMITTEES OF THE CENTRE**

### **Local Purchase Committee**

|    |                                         |          |
|----|-----------------------------------------|----------|
| 1. | Director                                | Chairman |
| 2. | Administrative Officer                  | Member   |
| 3. | Accounts Officer                        | Member   |
| 4. | Store Officer                           | Member   |
| 5. | HOD as expert from the respective Dept. | Member   |

### **Finance Committee**

|    |                                                                   |          |
|----|-------------------------------------------------------------------|----------|
| 1. | Director                                                          | Chairman |
| 2. | Administrative Officer                                            | Member   |
| 3. | Accounts Officer                                                  | Member   |
| 4. | A Senior faculty staff of the Institute nominated by the Director | Member   |

### **Users' fee Committee**

|    |                                                           |          |
|----|-----------------------------------------------------------|----------|
| 1. | Director, Acharya Harihar Regional Cancer Centre, Cuttack | Chairman |
| 2. | All Heads of the Department                               | Member   |
| 3. | Administrative Officer                                    | Member   |
| 4. | Accounts Officer                                          | Member   |
| 5. | Store Officer                                             | Member   |

### **Institutional Ethics Committee (IEC)**

The Institutional Ethics Committee (IEC) under the process of formation

### **Medical Referral Committee on Cancer**

|    |                                                                    |          |
|----|--------------------------------------------------------------------|----------|
| 1. | Director, Acharya Harihar Regional Cancer Centre, Cuttack          | Chairman |
| 2. | Superintendent, SCB Medical College & Hospital, Cuttack            | Member   |
| 3. | Professor & HOD Surgery, SCB Medical College & Hospital, Cuttack   | Member   |
| 4. | Dr. Padmalaya Devi, Prof. & HOD Surgical Oncology, AHRCC, Cuttack  | Member   |
| 5. | Dr. Surendra Nath Senapati, Prof. & HOD Radiation Oncology, AHRCC, | Member   |
| 6. | Dr. P.C. Pathy, Asso. Prof. Head & Neck Oncology, AHRCC, Cuttack   | Member   |

## IV. AIMS AND OBJECTIVES

1. To undertake basic, applied and statistical research in various specialties of oncology.
2. Generation of technical and scientific man-power in collaboration with other Medical Colleges of the State.
  - To organize and conduct under-graduate, post-graduate and doctoral training courses for medical personnel.
  - To organize and conduct PG & doctoral courses in Radiation Physics, Immunology, Bio-Chemistry, Radiation Pathology, Radio-Biology, Cyto-Genetics, Cell-Biology, Molecular Biology and Cancer Epidemiology.
  - To organize paramedical courses in Laboratory science, Nuclear Medicine, Radiotherapy, Radio diagnosis, Cytology, Nursing and Cancer epidemiology.
  - To train medical professionals in Oncology.
3. To provide modern and advanced clinical services to cancer patients in collaboration with the Medical Colleges of the state.
4. To institute professorship, readership, fellowship and other teaching & research positions for the above purposes.
5. To design preventive services for the General Health Care Delivery System for extension to other areas.
6. To conduct lectures, seminars, study groups, workshops, conferences on problems related to cancer.
7. To organize hospital based tumor-registry on modern lines.
8. To institute and maintain an up-to-date library, related to various specialties of cancer.
9. To publish research papers, treatises, books and periodicals & other literatures relating to various specialties of cancer.
10. To work in collaboration with other medical institutions, Health Service Department, other Universities, aid agencies and institutions of repute and to co-ordinate with other societies in the pursuit of any of the above objects.
11. To perform all such acts as may be necessary or appropriate or incidental for achievement of any or all of the above objects.

## VI. AHRCC AT A GLANCE

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name &amp; Address of the Institute:</b>        | <b>Acharya Harihar Regional Cancer Centre</b><br><i>Manglabag, Cuttack-753 007, Odisha.</i><br><i>Tel: 0671-2304 264, Fax: 0671-2304 683</i><br><i>e-mail: <a href="mailto:ahrccddirector@gmail.com">ahrccddirector@gmail.com</a></i><br><i><a href="mailto:orircc@yahoo.co.in">orircc@yahoo.co.in</a></i><br><i>Website: <a href="http://as.ori.nic.in/ahrccodisha/">http://as.ori.nic.in/ahrccodisha/</a></i> |
| <b>Status of A Regional Cancer Centre:</b>         | <i>Since 02-February-1981</i>                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Status of The Institution/ Ownership:</b>       | <i>A state-autonomous body supported by the Govt. of Odisha since <b>24-April-1984</b></i><br><i>( Registered under societies of Registration act. 1860 vide Registration No. 18921/4 of 1984-85 dated 24.04.1984 .)</i>                                                                                                                                                                                        |
| <b>Available Bed-Strength:</b>                     | <i>281</i><br><i>(free bad – 160,</i><br><i>Paying Bad &amp; cabin - 121)</i>                                                                                                                                                                                                                                                                                                                                   |
| <b>Districts &amp; Regions Covered By the RCC:</b> | <i>30 districts of the state of Odisha <b>AND</b> parts of West Bengal, Bihar, Jharkhand, Chhattisgarh and Andhra Pradesh (ie. Parts of Eastern India)</i>                                                                                                                                                                                                                                                      |
| <b>Total Population Covered:</b>                   | <i>About 5.50 crores, which includes about 1.50 crores of population from neighboring states.</i>                                                                                                                                                                                                                                                                                                               |
| <b>Major Sources Of Funding:</b>                   | <i>Govt. of Odisha grants-in-aid.</i><br><i>Govt. of India grants-in-aid.</i><br><i>Users' fee collected from patients.</i>                                                                                                                                                                                                                                                                                     |
| <b>Treatment Assistance Schemes:</b>               | <i>Biju Krushak Kalyan Yojana(BKKY),</i><br><i>Rastriya Swasthya Bima Yojana (RSBY),</i><br><i>Orissa State Relief Fund(OSTF),</i><br><i>Prime Minister Relief Fund(PMRF),</i><br><i>Rastriya Arogya Nidhi(RAN).</i>                                                                                                                                                                                            |
| <b>Patient Registration:</b>                       | <i>A unique registration number is provided to all new cancer patients with an identification card attending the OPD for the first-time, which is retained for follow-up.</i>                                                                                                                                                                                                                                   |
| <b>Cancer Registry System:</b>                     | <i>Hospital Based Cancer Registry project by National Cancer Registry Programme is functioning in the centre.</i>                                                                                                                                                                                                                                                                                               |

## A. ANESTHESIOLOGY

This Department caters the need of the departments conducting surgical procedures in addition to the preparative, intraoperative, post-operative anesthesia, respiratory and recovery room care. The department also provides services to (a) the Radiation Oncology department for treatment of pediatric and uncooperative patients, (b) the Medical Oncology department during intrathecal administration of chemotherapeutic agents.

### STAFF

#### Associate Professor & Head :

Dr. Rekha Das, MD

#### Assistant Professor :

Dr. Sumita Mohanty, MD

Dr. Upendra Hansda, MD

Dr. Rajat Kumar Das, MD

#### Pharmacist

Sri Prasanta Ku. Mishra

Sri Samarendra Singh

Sri Biranchi Narayan Pradhan  
(Contractual)

### CLINICAL ACTIVITIES

#### Major Surgery

General Anesthesia: 957

Spinal Anesthesia: 251

Epidural: 1

Caudal Block: 1

Brachial Plexus Block: 5

#### Minor Surgery

General Anaesthesia: 80

Local Anaesthesia: 329

Intrathecal Chemotherapy: 0

Difficult Ryles tube insertion: 0

Sedation in teletherapy suite: 0

### PAIN & PALLIATIVE CARE:

The Pain and Palliative care services are delivered through a Project. The project receives free oral morphine from the Institute. It is also the State Nodal Centre for palliative care activity and morphine availability. It provides palliative care services like pain relief, symptom relief to all inpatients and out patients needing such services. The clinic regularly organises IAPC training programme through contact session and conducts IAPC certificate exams twice a year.

### STAFF

#### Faculties :

The faculties of Anaesthesiology in addition to normal duty carry out Palliative Care activities.

#### Pharmacist:

Somnath Mohanty

Sarat Kumar Panda

Amita Mohapatra

Pradyumna Jena

#### Social Worker:

Sulochana Mishra

Kabita Swain

### CLINICAL ACTIVITIES

Consultation OPD : 990

IPD : 352

Supportive Care for IPD patients of different units: 2508

Morphine Dispensed OPD: 752 IPD: 272

Wound Dressing: 184

Ryle's Tube: 62

Lymphoedema Care : 52

Tapping : 30

## B. GYNAECOLOGICAL ONCOLOGY

Amongst the common cancers in India the two preventable and potentially curable cancers are Oral Cavity and Uterine Cervix Cancer. Uterine Cervix cancer ranks the second position in terms of incidence all over the country. Dept. of Gynecological Oncology deals with female cancer patients for prevention, palliation, early diagnosis and prompt adequate treatment. The main activities of this department are:

- Diagnosis and treatment of malignant cases of female genital tract.
- Diagnosis of Gynecological premalignant lesions and its proper treatment.
- Routine screening of female population for early diagnosis of cancer cervix amongst the patients attending the outdoor of the centre.
- Assisting in Mobile Cancer Detection Camps for screening of patients.
- Training of Post-graduate students, inservice doctors and para-medical workers.
- Training in gynae-oncology of post-PG faculties.

For diagnosis purpose cervical pap-smear-study seems beneficial in most of the cases. Besides these cervical Biopsies, endocervical curettage and endometrial histopathological studies are being done in suspected cases. After final diagnosis proper treatment plan is made and executed.

### STAFF

#### Professor & Head:

Dr. Susil Kumar Giri, MD, FICOG

#### Associate Professor:

Dr. Jita Parija, MD, FICOG

#### Assistant Professor:

Dr. Bhagyalaxmi Nayak, MD, FICOG

Dr. Janmejaya Mohapatra, MD, FICOG

#### Assistant Professor:

Dr. Manoranjan Mohapatra, MD, FICOG

Dr. Ashok Ku. Padhi, MD

#### Senior Resident:

Dr. Rabindra Naik, MD

### CLINICAL ACTIVITIES

New cases treated : 3136

Cytology done: 1524

Colposcopy done: 25

## C. HEAD & NECK ONCOLOGY

Head & Neck Cancer form about 30% of all cancers. The high incidence of Oral, Laryngeal, Pharyngeal and Maxillary cancers is attributed to the habit of different forms of tobacco consumption and smoking habits. Incidence of Head & Neck cancer is at par with countries like Sri Lanka, Bangladesh, Pakistan and other South-East Countries, which is far higher than the Western World. Oral cancer tops the list of head & neck cancers. It is presumed that annually 500,000 new cases are expected in our country. Of these five-lakh cases, about a third suffers from mouth and throat cancers.

Oral cancer is one of the 10 most common cancers of the world and the commonest in India. There is excellent evidence from many sources that approximately 90% of these cancers are due to tobacco abuse in any form and poor oral & dental hygiene. Almost 70% - 80% of the cases reported have advanced stage of cancer which is practically in Stage-III & IV. Cancers of the Thyroid gland, parotid gland and minor salivary glands are also frequently reported in this Dept. The incidence of pre-malignant lesions like leukoplakia and sub-mucous fibrosis has increased considerably. Cosmetic value being a vital factor, various re-constructive procedures is being performed by this department.

The post-graduate students, Para-medical staffs and ex-service doctors are imparted regular training programs keeping in view the early detection, prevention and treatment of Head & Neck cancers as the main theme.

### **STAFF**

#### **Associate Professor & Head:**

Dr. Pramod Ch. Pathy, MS

#### **Assistant. Professor:**

Dr. Sanjaya Kumar Panda, MS

Dr. Paresh Ku. Behera, MS

#### **Senior Resident:**

Dr. Prasenjit Baliarsingh, MS

## **D. MEDICAL ONCOLOGY**

This Dept. started functioning independently since November, 1987. It has an important role in the management of cancer cases. The main function of this division is to provide treatment care for the patients suffering from wide range of malignant neoplasms especially for haematological malignancies, lymphoma and solid neoplasms by chemotherapy as primary mode, concurrent mode (CT RT), neo-djuvant before RT/Surgery or adjuvant mode following RT/Surgery.

Department of Medical Oncology has a Paediatric Oncology Wing for paediatric patients coming to the centre. The ten bedded Sovan Bhuyan Memorial Day Care Unit is serving under the department for the patients receiving chemotherapy.

### **STAFF**

#### **Professor & Head(I/C):**

Dr. Surendra Nath Senapati, MD

#### **Assistant. Professor:**

Dr. Diptirani Samanta, MD

Dr. Prasanta Kumar Parida, MD, DM

Dr. Lal Mohan Soy, MD

#### **Senior Resident:**

Dr. Deepak Panigrahi, MD

## E. MEDICAL PHYSICS

The medical physicist ensures implementation of the provisions of the Atomic Energy (Radiation Protection) Rules, 2004, or modified thereafter, with the following responsibilities:

- Facility design and planning calculations in accordance with the requirements of the installation that meets the regulatory stipulations of radiation protection and safety.
- Preparations of specifications for treatment and dosimetric equipment;
- Acceptance testing, commissioning and quality assurance (including calibration of therapy equipment).
- Periodic calibration of the dosimetric equipments, traceable to national standards laboratory.
- Measurement and analysis of beam data; and tabulation of beam data for clinical use.
- Evaluation and optimization of treatment planning.
- Development of QA protocols and procedures in radiation therapy regarding delivery of radiation treatment, radiation safety and control and regulatory compliance .
- Supervision of radiation therapy equipment servicing and maintenance of records.

### STAFF

#### Associate Professor & Head:

Dr. Pradeep Kumar Hota (RSO),  
M.Sc, PGDCA, Dip.RP, Ph.D.

#### Assistant Professor:

Sri Rajendra Meher,  
M.Sc., M. Phil., Dip. RP.  
Sri. Himansu Sekhar Bhuyan,  
M.Sc. Dip. RP.  
Sri.Prasanta Kumar Moharana  
M.Sc., Dip. RP.

### TREATMENT FACILITY AVAILABLE:

|                                           |                                              |
|-------------------------------------------|----------------------------------------------|
| 1. Theratron-780C telecobalt unit         | Commissioned in 1997 (Status: In use)        |
| 2. Bhabhatron-II telecobalt unit          | Commissioned in 2010 (Status: In use)        |
| 3. GammaMedplus Brachytherapy Unit        | Commissioned in 2001 (Status: In use)        |
| 4. Simulix-HP Conventional Simulator unit | Commissioned in 2000 (Status: In use)        |
| 5. 6-15 MV LINAC (Elekta-Synergy)         | Installed in March 2015 (Status: Not in use) |
| 6. 6 MV LINAC (Elekta-Compact)            | Installed in March 2015 (Status: Not in use) |
| 7. Siemens Somatom Definition AS64 CT-Sim | Installed in March 2015 (Status: Not in use) |
| 8. TPS: Monaco & Oncentra                 | To be installed                              |
| 9. RFA, Dosimeters & QA-accessories       | To be installed                              |

### CLINICAL ACTIVITIES

| MACHINE-ID       | NEW CASES | OLD CASES | TOTAL CASES | TOTAL FRACTION | Field Type |       |     |       |     |
|------------------|-----------|-----------|-------------|----------------|------------|-------|-----|-------|-----|
|                  |           |           |             |                | OPEN       | BLOCK | HSB | WEDGE | SAD |
| <b>B-II</b>      | 1420      | 429       | 1849        | 3722           | 695        | 259   | 270 | 166   | 30  |
| <b>T-780C</b>    | 1507      | 464       | 1971        | 3516           | 1505       | 0     | 0   | 0     | 0   |
| <b>GMP</b>       | 502       | 918       | 1420        |                |            |       |     |       |     |
| <b>Simulator</b> | 1470      | 0         | 2470        |                |            |       |     |       |     |

## F. NUCLEAR MEDICINE

Nuclear Medicine is a branch of Medicine which uses radioisotopes for the diagnosis and treatment of various diseases. It is based on the tracer principle i.e. Radioisotopes is tagged to a compound which has affinity for a particular organ so that when administered it goes to the organ for which it is meant for depending upon the functional integrity of that particular organ. This uptake can be used to assess the morphology and function of any organ. This department is equipped with a Fast Scanner and a Thyroid uptake system.

### STAFF

#### Associate Professor & Head

Dr. Dillip Kumar Agarwalla, MD, DRM, FUICC

## G. ORAL SURGERY

Oral cancer is one of the common cancers in our country, which is attributed mainly to different forms of tobacco consumption, poor oral and dental hygiene. The dental department serves the patients by way of diagnosis, oral health education, dental consultation and treatment. Facilities Available:

- Routine dental procedures ( extraction, restoration, grinding, scaling, prosthesis)
- Intra-oral injection for Oral Submucous Fibrosis.
- Jaw retraction for trismus.

### STAFF

#### Assistant Dental Surgeon:

Dr. Namrata Panda, BDS

### CLINICAL ACTIVITIES

- Number of OPD patients: 1429
- Number of procedures: 157 ( including Jaw retractions)
- Prevention and management of Oral complications in irradiated pts with head and neck cancer : 186
- Complete dental evaluation of cancer pts before chemotherapy or IV Bisphosphonate therapy : 48
- Management of pre-cancerous conditions: 91
- Diagnosis & Management of :
  - Palatal perforation: 1
  - Osteoradionecrosis: 4
  - BRONJ: 1
  - Chronic osteomyelitis of mandible: 3
  - TMPDS : 1
  - Burning mouth syndrome: 18
  - Paraesthesiatongue : 3
  - Trigeminal neuralgia : 2
  - Herpes labialis : 1
  - Infected Retention cyst : 2
  - Management of Oral inflammation: 247
  - Follow-up, Oral health education and Dental pathology: 653
- Oral candidiasis : 2
- Dilantinhyperplasia : 1
- Sjogren'ssyndrome : 1
- Pyogenicgranuloma : 2
- RecirrentAmeloblastoma : 1
- Mucosal burn : 1
- Migratory Abscess : 1
- Sialoadenitis : 1
- Pleomorphicadenoma : 1

## H. PATHOLOGY

The Department of Pathology acts as the gateway to the cancer centre. Its role on the diagnosis of cancer, subjects the patients to various treatment modalities and follow-up. It has several sections like Histopathology, Cytology, Hematology, Clinical Pathology, Biochemical Pathology and Microbiology. Besides the hospital laboratory services its staff participate in Cancer Detection Camps under NCCP and research programs.

This department is facilitated with the studies of Cytology, Histology, Biochemical, Hematology, Clinical pathology, Bone-marrow basing on Standard treatment protocols.

### STAFF

#### Professor & Head:

Dr. Niranjan Rout,  
MD,(Path.) FCGP, FIC(Path)

#### Associate Professor:

Dr. Sagarika Samantray,  
MD(Path.), MIAC

#### Assistant Professor:

Dr. Sasmita Panda, MD(Path.)

#### Gr. Technician:

Kailash Ch. Behura  
Saroj Kumar Jena  
Pradipta Ku. Satapathy  
Minati Mahali

#### Lab. Technician:

Sujata Mishra  
Pramod Ku. Tarai  
Sunakar Sahoo  
Rasmita Acharya  
Arati Sahoo (CONTRACTUAL)

#### Lab. Attendant:

Arun Ku. Sahoo  
Sangram Dalabehera (CONTRACTUAL)

### CLINICAL ACTIVITIES

| METHOD OF TEST | ROUTINE |        | REVIEW |        | TOTAL |        |
|----------------|---------|--------|--------|--------|-------|--------|
|                | Cases   | Cancer | Cases  | Cancer | Cases | Cancer |
| CYTOLOGY       | 3746    | 2793   | 2065   | 1917   | 5811  | 4710   |
| HISTOLOGY      | 4177    | 1944   | 1072   | 719    | 5249  | 2663   |
| PAP SMEAR      | 1368    | 648    | 18     | 10     | 1386  | 658    |
| BONE MARROW    | 30      | 13     | 67     | 35     | 97    | 48     |
| HEMATOLOGY     | 16016   | 367    |        |        | 16016 | 367    |
| BIOCHEM        | 14699   |        |        |        | 14699 |        |
| TOTAL          | 40036   | 5765   | 3222   | 2681   | 43258 | 8446   |

## I. RADIODIAGNOSIS

This department has been functioning since the inception of this institute. The patient services are carried out through radiological and ultrasound imaging. Presently, three radiographers and one dark-room assistant are working in this Department.

### STAFF

#### Professor & Head(I/C):

Dr. Surendra Nath Senapati, MD

#### Assistant Professor:

Dr. Sheetal Kaur, MD.  
Dr. Manas Kumar Patra, MD (contractual)

#### Senior Radiographer:

Sri Surath Naik

#### Dark Room Assistant:

Sri Amarendra Swain

## J. RADIATION ONCOLOGY

This department treats about 200 patient's daily using telecobalt therapy and HDR brachytherapy. About 65% of all cancer patients attending this institute avail radiation therapy during their course of treatment. External Beam therapy is delivered by one telecobalt units (Theratron-780C) from 8:00 AM to late night in three shifts on all working days. Multiple-fields, wedge, block and tangential fields at 80cm SSD are practiced as required. Seven radiotherapy technicians are working under this Dept. PG-studies in radiotherapy leading to MD (RT) is available in the institute since 1973. Five PG students admit every year for their MD degree. At present, fifteen PG-students are continuing their post-graduate studies in this institute.

### STAFF

#### Professor & Head:

Dr. Surendra Nath Senapati, MD

#### Associate Professor

Dr. Niharika Panda, MD

Dr. Sanjukta Padhi, MD

#### Assistant Professor

Dr. Lucy Pattanayak, MD

#### Senior Resident

Dr. Chaitali Bose, MD

Dr. Biswaranjan Routray, MD

#### Radiographer

Sri Bhagirathi Tarai

Smt. Kalyani Mohapatra

Sri Pranabandhu Samal

Smt. Sasmita Swain

Sri Jyoti Ranjan Mohanty

Sri Rakesh Kumar Sahoo

Sri Jatindra Ku. Lenka

Sri Bailochan Send

Sri Soumya Ranjan Behera(contractual)

## K. SURGICAL ONCOLOGY

Modified radical mastectomy, Gastric Resections, Abdominal Perineal Resection, Prosthesis implantation are the major surgical procedures performed in this Dept. Occasionally, oesophago-gastrectomy, total gastrectomy and reconstructive procedures have been undertaken with individual initiative and total involvement. Post-graduate students from the department of Surgery, SCB Medical College, Cuttack are undertaking regular training, Surgeons from peripheral health services are also undergoing re-orientation training in surgical technique on rotation basis. The faculties have delivered many guest lecturers, presented papers in conferences and taken part in various symposia and workshops. The principal projects taken up by the Dept. are oral cancer, cancer breast, cancer penis and skin cancer. Faculties have regularly taking part in early cancer detection and educational programs joining the cancer control camps under National Cancer Control Programs.

### STAFF

#### Professor & Head:

Dr. Padmalaya Devi, MS

#### Associate Professor:

Dr. Prafulla Kumar Das,  
MS,FAIS,FICS(Oncology)

#### Assistant Professor:

Dr. Swodeep Mohanty, MS

Dr. Subrat Kumar Samantra, MS

Dr. Kunal Goutam, MS

Dr. Bharat Bhusan Satapathy, MS

# L. EDUCATIONAL & RESEARCH ACTIVITIES

## (2013-15)

### ANAESTHESIOLOGY

#### Ongoing Research and Clinical Trials:

1. Validation of EQ5D – a commonly used health assessment questionnaire in Eastern India.
2. Effectiveness of Buprenorphine patch for pain relief in head and neck cancer patients.
3. Oral Transmucosal Fentanyl Citrate for break-through pain.
4. Role of glutamine in prevention of oral mucositis in advanced head and neck cancer patients undergoing radiation and chemotherapy at AHRCC, Cuttack.

#### Publications:

1. Das R. , Hansda U, Transfusion transmitted diseases in perioperative and intensive care settings. Indian Journal of Anaesthesia| Vol. 58 | Issue 5 | Sep-Oct 2014.
2. Hansda U, Das R. , Satapathy R. R, Mohanty S, Massive haemoptysis and endotracheal tube blockadeduring subclavian vein cannulation, Indian Journal of Anaesthesia | Vol. 58 | Issue 3 | May-Jun 2014 353
3. Das R. Ethical Issues in Oncology Practice. Orissa Medical Journal 2015 vol35, No1:pg 2-5.
4. Nayak S., Aggrawal S., Kander J., Nanda P., Tripathy S., Puspallata K., Bhaskar P. R. ,Begum B. Z., Mohanty S., Cannabinoid Botanical in Cancer Treatment, Asia-Pacific Journal of Clinical Oncology 2014, Vol. 10, pg 204-205.
5. Hansda U, Agarwal J, Ganjoo P, Patra C. Extradural hematoma surgery in a child with Hutchinson-Gilford Progeria syndrome: perioperative concerns. J Pediatr Neurosci 2013;8:165-7.
6. Das R, Hansda U, Mohapatra BP. Low back pain: Therapeutic approach by pain physicians. Orissa Medical Journal 2014;34:6-11.
7. Rekha Das. Concepts of Palliative Care'-scientific proceedings of International Conference of Palliative Care 2014. A.K.Mishra Publication 1<sup>st</sup> edn 2014 ISBN -978-93-82550-51-8.
8. Das R., GI Symptoms in Palliative Care. Essentials of Palliative Care CME. Cancer Care Publication, Cuttack, 1<sup>st</sup> edn 2013.p 81-8.
9. Mohanty S. Respiratory symptoms in palliative care, Essentials of Palliative Medicine (proceedings of palliative care CME) 2013, Cancer Care Publication, Cuttack, p 38-54.
10. Das R, S Mohanty, U Hansda, RK Das. Updates on Anaesthesia CME 2013' - scientific proceedings of Annual Conference of Indian Society of Anaesthesia Odisha State Branch. 2013. A.K.Mishra Publication 1<sup>st</sup> edn 2013.
11. Das R. Surviving Sepsis Campaign- 2012, International Guideline for Sepsis- 'Updates on Anaesthesia CME 2013' A.K.Mishra Publication 1<sup>st</sup> edn 2013.p 85-94.
12. Das R. OP Poisoning from ED to ICU –ISACON 2013, Guwahati, Scientific Proceedings 2013.
13. Das SB, Das R, Patnaik S, Rout N, Samantaray S, Panda S, Singh SP, Swain M, Agarwal OP, Meher M. HepatoCellular Carcinoma with Multiple Bone Metastasis,A Case Report. HESI Bulletin 2013;9:53-6.
14. Das R, Das RK, Patnaik S, Poddar G. "Submental Transmyelohyoid Intubation Technique: A Review of 25 Cases" in 'Updates on Anaesthesia CME 2013'. A.K.Mishra Publication 1<sup>st</sup> edn 2013.p 142-3.

15. Panda AP, Pani N, Das R. "Efficacy of procalcitonin as a biomarker in sepsis" in ` Updates on Anaesthesia CME 2013' A.K.Mishra Publication 1<sup>st</sup> edn 2013.p-131.
16. Mohanty S, Hansda U, Das R. Pain assessment: The cornerstone to optimal Pain management. Updates on Anesthesia CME. 2013. AK MISHRA Publishers Pvt. Ltd. Cuttack. P 115-26.
17. Hansda U, Kiro KL, Tandon MS, Ganjoo P. Glomus jugulare tumours: our experience of six cases (abstract). Updates on Anesthesia CME. 2013. AK MISHRA Publishers Pvt. Ltd. Cuttack.p-172.

#### **Paper Presented in Conferences:**

1. Das R., Pain Management in gynecological oncology, AOGIN India, 12-14 September 2014, Cuttack.
1. Mohanty S., Oral glutamine in preventing mucositis in patients with head and neck cancer undergoing chemo-radiation, Singapore Palliative Care Conference 2014, 26-27<sup>th</sup> Jun 2014, Singapore Polytechnique Convention Centre.
2. Hansda U, Kiro KL, Tandon MS, Ganjoo P. Glomus jugulare tumour: experience of six cases. (OSISACON 2013).
3. Das R, Hansda U, Pattanaik S. Submental/Transmylohyoid intubation technique: a review of 25 cases. (ISACON 2013).
4. Das R, Das RK, Pattanaik S, Poddar G. Submental/Transmylohyoid intubation technique: a review of 25 cases at OSISACON 2013 (poster)

#### **Delivered Lecture by Faculties:**

1. Perioperative Blood Conservation Strategy – East Zone Conference in Indian Society of Anaesthesiologist 2014, Dhanbad. (*Dr R Das*).
2. OP Poisoning from ED to ICU –61<sup>st</sup> Annual Conference of Indian Society of Anaesthesiologist 2013, Guwahati. (*Dr R Das*).
3. Vasopressors and Inotropes in Sepsis. East Zone Conference of Indian Society of Critical Care 2013, Shillong. (*Dr R Das*).
4. Innovative nursing technique in palliative care, IAPCON 2015, 14-15<sup>th</sup> Feb 2015, Hyderabad International Convention Centre, HITEX, Hyderabad. (*Dr. S. Mohanty*)

#### **As a Faculty in Conference:**

5. 21<sup>st</sup> Annual Conference of Indian Society of Critical Care 2015, March 2015, Bengaluru. (*Dr R Das*).
6. 62<sup>nd</sup> Annual Conference of Indian Society of Anaesthesiologist 2014 Madurai. (Chaired session - Anaesthesia in Radiological Suit Pitfalls of Total Intravenous Anesthesia ). (*Dr R Das*).
7. East Zone Conference in Indian Society of Anaesthesiologist 2013, Kolkata. (*Dr R Das, Dr S Mohanty, Dr U Hansda*).
8. CME on Palliative Care 17<sup>th</sup> Aug 2013 at AIIMS Bhubaneswar. (*Dr R Das, Dr S Mohanty*).
9. ICC 2013, New Delhi (*Dr S Mohanty*)

#### **Workshop Attended By Faculties:**

1. Neurocritical Care in 21<sup>st</sup> Annual Conference of Indian Society of Critical Care 2015, March 2015, Bengaluru. (*Dr R Das*).
2. Anaesthesia update-2014, 19<sup>th</sup> Oct 2014, IMA House, Bhubaneswar. (*Dr. R. K. Das*).
3. Palliative course education St. Christopher's approach at SPCC 2014, 26<sup>th</sup> Jun 2014, TanTockSeng Hospital, Singapore. (*Dr. S. Mohanty*)

4. Pediatric palliative care at IAPCON 2014, 13<sup>th</sup> Feb 2015, Centre for Cultural Resources and Training, Hyderabad. (*Dr. S. Mohanty*)
5. Anaesthesia update-2014, 19<sup>th</sup> Oct 2014, IMA House, Bhubaneswar. (*Dr. S. Mohanty*)
6. Anaesthesia update-2014, 19<sup>th</sup> Oct 2014, IMA House, Bhubaneswar. (*Dr. R. K. Das*).
7. Difficult Airway Workshop at Langone Medical Centre, New York University, NY, April 21-22, 2013. (*Dr R Das*).
8. Ethics in Clinical Research on 20<sup>th</sup> July 2013 at AIIMS Bhubaneswar. (*Dr U Hansda*).
9. Biostatistics and hands on training SPSS on 11-13<sup>th</sup> November 2013 at AIIMS Bhubaneswar. (*Dr U Hansda*).

#### **Conference Organized By Dept. :**

1. 43<sup>rd</sup> Annual conference of ISA, Odisha State Branch Sept 12-13, 2013.
2. 21<sup>st</sup> International Palliative Care Conference Feb 13-16, 2014.

#### **Workshop Organized By Dept. :**

1. ACLS workshop Sept 9-11, 2013.
2. Palliative Care workshop 2014.

#### **Teachings And Training Undertaken By Dept. :**

1. Teaching of paramedical staff.
2. IAPC certificate course (twice in a year): Doctor – 21, Nurse- 6.

#### **Awards, Honours and Significant Events:**

1. Peer reviewer of Indian Journal of Anaesthesia (pub med indexed )–Print ISSN 0019-5049;E-ISSN 0976-2817. (*Dr R Das*).
2. Completed Project Study of utilization pattern of analgesics and alteration in hormonal status in patients with cancer pain in Dept. of Pharmacology, SCBMCH. (*Dr. S. Mohanty*).
3. Faculty of IAPC certificate course in palliative care (Nov 2014) at AIIMS Bhubaneswar. (*Dr. S. Mohanty*).

## **GYNAECOLOGICAL ONCOLOGY**

#### **Ongoing Research and Clinical Trials:**

1. Biology of bacterial vaginosis by sialidare detection and assessing its correlation with cervical cancer.(DST Sponsered)
2. Lymipedema in Gynaecologic cancer – a multicenrtic trial.

#### **Publications:**

1. Giri S., Nayak B. L., Screening in ovarian cancer in screening in obstetrics & gynecology- Management of abnormality, Jaypee Publications 2014.
2. Giri S., Prevention of gynecological cancers- An overview, Odisha Medical Journal 2015, Vol 1.
3. Nayak B. L., Molecular Biology of human papilloma virus & cervical cancer, Odisha Medical Journal 2015, Vol 1.
4. Padhi A. K., Primary fallopian tube carcinoma- 10yrs experience, Odisha Medical Journal 2015, Vol 1.

5. Nayak B. L., Association of bacterial vaginosis with HPV infection-A review, Odisha Medical Journal 2015, Vol 1.
6. Mohapatra J., Choriocarcinoma-Presenting as PMB.Odisha Medical Journal 2015,Vol1.
7. Parija J., Endometriosis & Cancer, AOGO FOCUS.
8. Mohanty G., Ghosh S N ,Nayak B L, Padhy A. K., A study on the nucleolar Organizer Region(NOR)—As a Tumor Proliferative Marker in Cervical Carcinogenesis;Indian Journal of Perinatology and Reproductive biology ,vol 4 no-03,July –September 2014, page 26-28.
9. Padhy A. K., Mohapatra J., Nayak B. L., Parija J., Senapat S. N., Giri S. K.,Primary Fallopian Tube Carcinoma(PFTC) :10 yrs experience at AHRCC;Orissa Medical Journal ,vol 35 no 1 ,2015 ,page 46-52.
10. Mohapatra ., Kesari R., Padhy A.K., B. L., Parija J., Giri S. K Choriocarcinoma presenting as Post Menopausal bleeding:case series;Orissa Medical Journal ,vol 35 no 1 ,2015 ,page 115-117.
11. Padhy A.K.,Basics of Electrosurgery;AOGO Focus ,April 2015.
12. Sahoo T. K. Dhal I., Padhy A.K., Das Majumdar S. K., Parida D. K., Primary Clear Cell Adenocarcinoma of Uterine Cervix in a Young Woman without History of Diethylstilbesterol Exposure: A Case Report and Review of Literature, International Journal of Scientific Study , November 2014 , Vol 2 , Issue 8.
13. Padhy A. K., Referral Cases of Inappropriate Hysterectomy in Pre Malignant & Malignant Conditions of Cervix:10 Yrs Exeperience At AHRCC, Cuttack, Online Indian Journal of Cancer.
14. Padhy A. K., Lotus Petal Flap for Reconstruction After Surgery for Vulvar Malignancy, Online Indian Journal of Cancer.
15. Padhy A. K.,Nayak B. L.,Mohapatra J.,Parija J.,Giri S. K. : Current status of Screening in Cancer Cervix; Cancer Cervix eradication:an awareness initiative ,vol 3,March 2013 page 5-8.
16. Padhy A. K., Mohapatra K. R., Panigrahi R.: A comparative study of Pap smear,Colposcopy and colposcopy directed biopsy on Unhealthy Cervix , Cancer Cervix eradication:an awareness initiative vol 3,March 2013 page 17-19.
17. Padhy A. K.,Social Problems in Gynecologica Cancer Patients ;AOGO Focus2013.
18. Padhy A. K., Das Ohm O. ,Nayak B. L.,Mohapatra J., Parija J.,Giri S. K.:Primary Malignant Melanoma and Adenocarcinoma arising from cystic teratoma of ovary: a rare case report ,Indian Journal of gynaecological Oncology at issue on November 2013).
19. Padhy A. K., Nayak B. L., Mohapatra J.,Parija J,Giri S K:Premalignant lesions of Vulva: Recent advances: Indian Journal of gynaecological Oncology at issue on November 2013.

#### **Paper Presented in Conferences:**

1. Nayak B. L., Gestational Trephoblastic Neoplasia- case presentation, AGICON 2014, 12-14 December 2014, Patna.
2. Giri S. K., Mohapatra J., Infections in Gynecological oncology, AGICON 2014, 12-14 December 2014, Patna.
3. Giri S. K., Endocarcinoma: six years experience at AHRCC, Cuttack, India, Second IGCS Regional Meeting on Gynaecology Oncology 2013, Bali, Indonesia (Poster).
4. Parija J., Urological complications of Radical Hysterectomy, Second IGCS Regional Meeting on Gynaecology Oncology 2013, Bali, Indonesia .
3. Padhy A. K., Referral Cases of Inappropriate Hysterectomy in Pre Malignant & Malignant Conditions of Cervix:10 Yrs Exeperience At AHRCC, Cuttack, 20-23 November 2013,Indian Cancer congress, New Delhi.
4. Padhy A. K., Lotus Petal Flap for Reconstruction After Surgery for Vulvar Malignancy, 20-23 November 2013,Indian Cancer congress, New Delhi.

### **As A Faculty in Conference/Examinations:**

1. Panelist in AGICON 2014, 12-14 December 2014, (*Prof. S. K. Giri, Dr. B. L. Nayak, Dr. J. Mohapatra*).
2. Panelist in Power in surgery, October 2014. (*Prof. S. K. Giri, Dr. J. Parija, Dr. B. L. Nayak, Dr. J. Mohapatra, Dr. A. K. Padhy*).
3. Chairperson in Cancer endometrium- the Indian prospective, AGICON 2014, 12-14 December 2014, Patna. (*Dr. B. L. Nayak*).
4. Panelist at FOGSI Perinatology workshop at Hotel Pramod Cuttack on 22 nd November, 2014 on topic "Newborn Screening". (*Dr. A. K. Padhy*).
5. Panel discussion "Screening Protocol in Gynecological Malignancies" at AICOG 2015 ,Chennai on 25 th Jan, 2015. (*Dr. A. K. Padhy*)
6. Chairperson and Judge in Free Paper Session" at 39 th Annual conference of AOGO at Hotel New Marrion, Bhubaneswar. (*Dr. A. K. Padhy*).
7. Moderator in Power in surgery, October 2014. (*Dr. M. Mohapatra*).
8. AGICON 2013, Pondicherry. (*Prof. S. K. Giri*).
9. 11<sup>th</sup> Tata Memorial Hospital-Women's Cancer Initiative Conference, 2013. (*Prof. S. K. Giri*).
10. Scientific Program, Indian Cancer Congress 2013. New Delhi .(*Prof. S. K. Giri*).
11. 57<sup>th</sup> AICOG 2014, Patna. (*Prof. S. K. Giri*).
12. Examiner for M. Ch., Gynaecologic Oncology, Tata Memorial Hospital, Mumbai. (*Prof. S. K. Giri*).
13. 37<sup>th</sup> Annual Conf of AOGO 2013, Cuttack. (*Dr. J. Parija*).
1. Indian Society Of Colposcopy & Cervical Pathology 2014, Kolkata, (*Dr. B. L. Nayak*).
14. Tata Memorial Hospital-Women's Cancer Initiative Conference, 2014. (*Dr. B. L. Nayak*).
15. Cancer Cervix & Breast Public forum, PPL Auditorium, Paradeep, 23rd June, 2013. (*Dr. A. K. Padhy*).
16. 57<sup>th</sup> AICOG 2014, Patna. (*Dr. A. K. Padhy*).
17. 38<sup>th</sup> Annual Conf of AOGO 2014, Cuttack. (*Dr. A. K. Padhy*).

### **Delivered Lectures By Faculties:**

1. Sentinel node in gynecological cancers. SAARC Federation of Oncology 28<sup>th</sup>-30<sup>th</sup> November, Gudgaon. (*Dr. S. K. Giri*).
2. Data on cancer cervix-AHRCC, AGOICON 2014, 12-14 December 2014, Patna. (*Dr. S. K. Giri*).
3. Lotus petal flap in cancer vulva, AGOICON 2014, 12-14 December 2014, Patna. (*Dr. S. K. Giri*).
4. Reconstructive surgery in vulval cancer, Master course in gynecology oncology, Bangalore, 14-15<sup>th</sup> September, 2014. (*Dr. S. K. Giri*).
18. Sarcoma Uterus, Master course in gynecology oncology, Bangalore, 14-15<sup>th</sup> September, 2014. (*Dr. B. L. Nayak*).
19. Management of Low risk GTN, National seminar on GTN, 14.3.2015, Bangalore. (*Dr. B. L. Nayak*).
5. Master course in gynecology oncology, Bangalore, 14-15<sup>th</sup> September, 2014. (Panelist). (*Dr. J. J. Mohapatra*).
6. Lotus Petal Flap in Radical Vulvectomy, AGICON 2013, Pondicherry. (*Dr. S. K. Giri*).
7. Surgical Video Presentation on Radical Vulvectomy, 11<sup>th</sup> Tata Memorial Hospital-Women's Cancer Initiative Conference. (*Dr. S. K. Giri*).
8. Staging & Prospective Workup for Cervical Cancer, 57<sup>th</sup> AICOG 2014, Patna. (*Dr. S. K. Giri*).
9. Cancer Cervix, What is New??, Symposium on Cancer Cervix at 1st Joint annual meet

- of ISOPARB, 3rd annual conference of ISOPARB Burla at Hotel Harjeet Residency, Sambalpur . (*Dr. B. L. Nayak*).
10. Case Discussion on Cervical Cancer, Indian Cancer Congress 2013. New Delhi.( *B. L. Nayak*).
  11. Case Discussion On Vulval Cancer, Sarcoma Uterus, AGICON 2013, Pondicherry.(*B.L.Nayak*).
  12. Guest Lecture, CME Radiation Oncology, 15<sup>th</sup> February, AIIMS, Bhubaneswar.(*B. L. Nayak*).
  13. Management of Cancer Cervix,Chattisgarh CME, AIIMS,Raipur, October 2013. (*B. L. Nayak*).
  14. Tata Memorial Hospital-Women's Cancer Initiative Conference, 2014. (*Dr. B. L. Nayak*).

#### **Workshop/Conference Attended By Faculties:**

1. AICOG, January 2015, Chennai. (*Prof. S. K. Giri, Dr. B. L. Nayak, Dr. J. Mohapatra, Dr. A. K. Padhi*).
2. Endogyn 2015, 20-21 March 2014, Kolkata. (*Dr. J. Parija, Dr. J. Mohapatra*).
3. IGCS, Melbourne, November 2014. (*Dr. J. Parija*).
4. IGNITE phase I conducted by ICOG at Hotel Grand Residency, May 2014. (*Dr. A. K. Padhi*).
5. FOGSI IAGE conference at AIIMS, New Delhi and Hotel Grand Hawat from 31st August 2014 to 3rd September 2014. (*Dr. A. K. Padhi*).
6. Organized and Actively participated in IGNITE phase II conducted by ICOG at Hotel Grand Residency on December 2014. (*Dr. A. K. Padhi*).
7. CME on “**Contraception**” at AOGO CME at IMA House, Cuttack on 27<sup>th</sup> May ,2015. (*Dr. A. K. Padhi*).
8. Surgical Suturing with Hands-on Practice session organized by AOGO at Hotel Grand Residency, Cuttack on 17th June,2015. (*Dr. A. K. Padhi*).
9. Attended CME on USG on 21st June at IMA Hall Cuttck. (*Dr. A. K. Padhi*).
10. Annual Conference & Workshop on Recent Advances in Gynaelogic endoscopy (RAGE), 3-5 May 2013, Bengaluru. (*Dr. J. Parija*).
11. HYFICON 2013- International Live Workshop & Conference, 27-29 September, Kochi. (*Dr. J. Parija*).
12. RCOG World Congress, March 2014 , Hyderabad. (*Dr. B. L. Nayak*).
13. 57<sup>th</sup> AICOG 2014, Patna. (*Dr. B. L. Nayak*).
14. 37<sup>th</sup> Annual Conf of AOGO 2013, Cuttack. (*Dr. M. Mohapatra*).
15. National Conference of IAGE 2014, New Delhi. (*Dr. M. Mohapatra*).
16. National Conference of ISOPARB 2014. (*Dr. M. Mohapatra*).
17. Yuva FOGSI Conference 2014, Bhubaneswar. (*Dr. M. Mohapatra*).
18. 57<sup>th</sup> AICOG 2014, Patna. (*Dr. M. Mohapatra*).
19. Advanced Laporoscopic Training, SUM Hospital , Bhubaneswar. (*Dr. A. K. Padhy*).
20. 3D ENDOVISION 2013 organized by IAGE Odisha chapter, 9-10 August 2013. (*Dr. A. K. Padhy*).
21. FORCE 2013, 5-4 September,2013, SCB Medical College, Cuttack. (*Dr. A. K. Padhy*).
22. GLOBEATHON, 30th September, 2013,Cuttack. (*Dr. A. K. Padhy*).
23. ASGO 2013 Conference , Kyoto, Japan nominated by Association of Gynecological Oncologists of India for “Grants for Young Asian Doctors”. (*Dr. A. K. Padhy*).

#### **Conference Organized:**

2. AOGIN India, 12-14 September 2014, Cuttack.
3. Power in surgery, October 2014, Cuttack.

#### **Protocols Approved:**

1. Impact of lower limb lymphedema on quality of life in gynecology malignancy as compared to nonmalignant conditions. (*Dr. B.L. Nayak*).
2. To demonstrate the performance characteristics of the Roche CIntec Plus Kit an immunocytochemistry assay for pre-detection of cervical cancer in woman. (*Dr. B.L. Nayak*).

**Teachings And Training Undertaken By Dept. :**

Training of five peripheral doctors in Gynecology and two nurses under NPCDCS.

## **HEAD & NECK ONCOLOGY**

**Workshop/Conference Attended By Faculties:**

1. All the faculties had attended AOI state branch conference held at Puri.
2. Thyroid Surgery Workshop, Nagpur (*Dr. P. K. Behera*).

**Teachings And Training Undertaken By Dept. :**

1. PG students of Department of OMFS, Dental Wing of SCB MCH had taken training.
2. Medical Officers and Para medical staffs had taken training on early detection of ORAL CAVITY CANCER through NPCDCS scheme.

## **MEDICAL ONCOLOGY**

**Ongoing Research and Clinical Trials:**

1. Protocol No:- RLS/TP/2011/05
  - a. Protocol Title:- Prospective, multi-centre, randomized, open-label, two arm, parallel group, active-control, comparative clinical study to evaluate efficacy, safety and pharmacokinetics of R-TPR-016/ Herceptin®(Herclon™) when given intravenously in patients with Metastatic HER2-Overexpressing Breast Cancer.
  - b. Sponsored by and CRO - Reliance life science, Mumbai, India
  - c. Principal Investigator:-Dr. Dipti Rani Samanta
  - d. Co-Investigator:-Dr. Surendra Nath Senapati
2. Protocol No:- RLS/TP/2012/01
  - a. Title:- Prospective, multi-centre, randomized, open-label, two-arm, parallel group, active control, comparative clinical study to evaluate pharmacokinetics, efficacy and safety of R-TPR-023/ Avastin™ when given intravenously in patients with Metastatic colorectal cancer.
  - b. Sponsored and CRO - Reliance life science, Mumbai, India
  - c. Principal Investigator:- Dr Dipti Rani Samanta
  - d. Co-Investigator:-Dr Surendra Nath Senapati
3. Protocol No:- C-HET-IMA-001
  - a. Protocol Title:- A multicentre, randomized, open label, steady state, two-treatment, two-period, two-sequence, crossover bioequivalence study of

Imatinib Mesylate tablets 400 mg (manufactured by Hetero Labs Limited, India) to Gleevec® (manufactured by Novartis Pharmaceuticals Corporation, East Hanover, New Jersey-07936) administered orally under fed condition in Philadelphia chromosome positive Chronic Myeloid Leukemia (Ph + CML) patients on stable dose of Imatinib Mesylate tablets.

- b. Sponsored by Hetero, Hyderabad, India
- c. Cro – Clinsync, Hyderabad, India
- d. Principal Investigator:- Dr Dipti Rani Samanta
- e. Co-Investigator:-Dr Surendra Nath Senapati

4. Protocol No:- 380-12

- a. Title:- A Randomised, Multi-centre, Double-blind, Parallel Group Study to Compare the Pharmacokinetics, Pharmacodynamics, Safety and Efficacy of Two Anti-CD20 Monoclonal Antibodies in Combination with CHOP in Patients with CD20-Positive Diffuse Large B-cell Lymphoma.
- b. Sponsored by Hetero, Hyderabad, India
- c. Cro – Lambda, Ahmedabad, India
- d. Principal Investigator:- Dr Dipti Rani Samanta
- e. Co-Investigator:-Dr Surendra Nath Senapati

5. Protocol No:- RI-01-002

- a. Title:- A Randomised, Multi-centre, Double-blind, Parallel Group Study to Compare the Pharmacokinetics, Pharmacodynamics, Safety and Efficacy of Two Anti-CD20 Monoclonal Antibodies in Combination with CHOP in Patients with CD20-Positive Diffuse Large B-cell Lymphoma.
- b. Sponsored by Dr. Reddy's lab, Hyderabad, India
- c. Cro – Quintiles, Mumbai, India
- d. Principal Investigator:- Dr. Dipti Rani Samanta
- e. Co-Investigator:-Dr. Surendra Nath Senapati

**Publications:**

1. D. Samanta. Primary Granulocytic Sarcoma of Meninges and Mediastinum as Diagnostic Dilemma-Indian Journal of Hematology & Blood Transfusion 2013;29(2):102-105.
2. D. Samanta. Aggressive Angiomyxoma in Male:A rare Case Report-Orissa Medical Journal 2013;33(1):87-89.
3. D. Samanta. Malignant Mixed Mullerian Tumor in young age- A Rare Case-Indian Journal of Gynaecologic Oncology 2013;12(1):83-87.
4. P. K. Parida. Acquired Pure Red Cell Aplasia in a Patient of Rheumatoid Arthritis- Indian Journal of Hematology & Blood Transfusion 2014.

**Paper Presented in Conferences:**

1. Presented paper in Best Paper Presentation Award in Best of ASCO Annual Meeting 2013 28<sup>th</sup> – 30<sup>th</sup> June 2013 at Mumbai and Stood 2<sup>nd</sup>. (*Dr. D. Samanta*)
2. Presented paper in 2013 ASCO Annual Meeting, 1<sup>st</sup> June to 4<sup>th</sup> June at Chicago, USA. (*Dr. D. Samanta*)

**Awards, Honours and Significant events:**

1. Stood 2<sup>nd</sup> in best paper award in best of asco annual meeting 13, held at Mumbai on 28<sup>th</sup> to 30<sup>th</sup> June 2013. (*Dr. D. Samanta*)

**As A Faculty in Conference:**

1. Faculty in 1<sup>st</sup> Indian Cancer Congress held from 21<sup>st</sup> – 24<sup>th</sup> November 2013 at Delhi. (*Dr. D. Samanta*)
2. Guest Lecture on 30.07.2013 in Inner Wheel Club of Cuttack (*Dr. D. Samanta*)
3. Faculty on Urology Academic Forum on Testicular Germ Cell Tumor held on 11.11.2013 at SCB MCH Cuttack. (*Dr. D. Samanta*)
4. Guest Speaker in Rotary Club of Puri on Awareness on Cancer on 16.03.2013. (*Dr. D. Samanta*)
5. Faculty in Best of ASCO Annual Meeting 13, held at Mumbai on 28<sup>th</sup> to 30<sup>th</sup> June 2013. (*Dr. D. Samanta*)
6. Faculty in Update On 13<sup>th</sup> St. Gallen International Breast Cancer Conference 2013 organised by Kolkata Breast Health & Welfare Association at Kolkata on 16<sup>th</sup> Aug 2013. (*Dr. D. Samanta*)

**Conferences attended By Faculties:**

1. Best of ASCO Annual Meeting 13, held at Mumbai on 28<sup>th</sup> to 30<sup>th</sup> June 2013 (*Dr. D. Samanta*).
2. 28<sup>th</sup> ICON held on 5<sup>th</sup> – 7<sup>th</sup> April 2013 at Mumbai (*Dr. D. Samanta*).

## MEDICAL PHYSICS

**As A Faculty in Conference**

1. Chairperson in International Conference On Medical Physics (ICMP), 20-22 Feb-2015, SMS Medical College, Jaipur. (*Dr. P. K. Hota*).
2. Chairperson in Young Radiation Oncology Conference (YROCC), 10-11 Jan-2015, Hemlata Hospitals, Bhubaneswar. (*Dr. P. K. Hota*).

**Workshop/Conference Attended By Faculties:**

1. Monaco 5.0 Application training, 9-13 Feb-2015, Elekta India Training Centre, Chennai (*Sri R Meher, Sri PK Maharana*).
2. Workshop on 'Dosimetry of high precision Linear Accelerator', 14 Feb-2015, Apollo Super Speciality Cancer Hospitals, Chennai. (*Sri R Meher, Sri PK Maharana*).

## ORAL SURGERY

**Ongoing Projects, Research, Clinical Trials:**

1. Prevention of oral complications in irradiated patients with Head & Neck Cancer.
2. Prevention of BRONJ in patients with Bisphosphonate Therapy.
3. Epidemiological study and Development of management protocol of oral sub-mucous fibrosis.
4. Development of management protocol of oral lichen planus.

## PATHOLOGY

### Publications:

1. Dash S., Panda S., Rout N., Samantaray S., Role of fine needle aspiration cytology and cell block in diagnosis of scar endometriosis: A case report. J Cytol 2015;32:71-3.
2. Samantaray S., Gastric Carcinoma Occurring Synchronously with Renal Carcinoma, Medica Innovatica, Dec 2013, Vol 2, page 121.
3. Panda S., Incidence of Cancer Cervix, Cancer Cervix Irradiation.

### Paper Presented in Conferences:

1. Samantaray S., Cytologic features of Chondroblastoma, IAPM Odisha Chapter, Puri.(Poster).
2. Samantaray S., Unusual Breast Neoplasms- Review of ten patients, Abst. ID 516.
3. Samantaray S., Synchronous Papillary Cystadenocarcinoma of Ovary and Commercial Carcinoma of Vagina, Abst. ID 178.
4. Panda S., IAPM Odisha Chapter. (Poster).

### Workshop/Conference Attended By Faculties:

1. Indian Cancer Congress, New Delhi. (*Dr. S. Samantaray*).
2. AOGIN India 2014. (*Dr. S. Panda*).
3. Hematocon 2014. (*Dr. S. Panda*).

### Protocols Approved:

1. Analyzing the prognostic efficiency of periostin as novel marker in oral squamous cell carcinoma patient- Prof. N. Rout.

### Teachings And Training Undertaken By Dept. :

1. Training of Eleven students of MDS, Dept. of Oral & Maxillofacial Surgery, SCB Medical College & Hospital in supervision of Department of Pathology.
2. Training of two laboratory technicians under NPCDCS.
3. Training of 29 Biotechnology and 25 NIT, Rourkela Life science students in supervision of Department of Pathology.

## RADIATION ONCOLOGY

### Ongoing Projects, Research, Clinical Trials:

1. A comparative study to evaluate the role of hypofractionated v/s conventional radiotherapy with concurrent weekly cisplatin in advanced carcinoma cervix
2. Identification of Bacterial Spectrum and Assessment of Antibiotic Sensitivity Pattern in Febrile Neutropenic Cancer Patients.
3. Assessment of xerostomia in pt receiving radiotherapy to head and neck region.
1. Role of Oral Glutamine in Head and Neck Cancer Patients undergoing treatment of Chemoradiation.
2. Role of Gefitinib in the management of recurrent & Metastatic Head and Neck Cancer Patients.
3. Management of chemoradiation induced mucositis with oral glutamine.

### Publications:

1. Samanta D.R, Mohanty K.R, Roopesh K, Senapati S.N., Primary Granulocytic Sarcoma of Meninges and Mediastinum as Diagnostic Dilemma-Indian Journal of Hematology & Blood Transfusion 2013;29(2):102-5.
2. Samanta D.R, Senapati S.N, Das S.K, Mohanty K.R, Bose C, Roopesh K. , Aggressive Angiomyxoma in Male: A rare Case Report-Orissa Medical Journal 2013;33(1):87-89.
3. Samanta D.R, Senapati S.N, Roopesh K, Mohanty K.R, Das S.K, Bose C, Sahoo T.K. Malignant Mixed Mullerian Tumor in young age- A Rare Case-Indian Journal of Gynaecologic Oncology 2013;12(1):83-87.
4. Satapathy U., Panda N., Das L., Genetic and endocrinal factors in sexual development. *Comprehensive text book of sexual medicine*. Jaypee Brothers, Medical Publishers Pvt Ltd, New Delhi.; 2014: 30-41
5. Panda N., Double primary malignancies: A growing challenge for long term cancer survivors, Orissa Medical Journal, Vol 34, 2014.
6. Pattanayak L., Panda N., Metronomic Chemotherapy : less is more – A paradigm shift, Orissa Medical Journal, 2014. Vol 2.
7. Pattanayak L., Colloid carcinoma of the breast in a premenopausal female: A rare case report, Orissa Medical Journal, 2014.
8. Pattanayak L., Metronomics: a paradigm shift in the treatment of oncology, Orissa Medical Journal, 2015.
9. Pattanayak L., Improved Survival in Carcinoma Cervix , Cancer Cervix Eradication, Vol 5, 2015

#### **Paper Presented in Conferences:**

1. Panda N., Pattanayak L., Management of Chemoradiation induced mucositis in head and neck cancers with oral Glutamine: A Pilot Study, Palliative Care Conference 2014, Singapore.
2. Padhi S., Patterns of distant failure CaCx an experience AHRCC of 63 cases, AOGIN, 13.09.2014, Pramod Conv Centre, Cuttack.
3. Padhi S., Socio-demographic profile of pt receiving radiotherapy for gynaecological malignancies in AHRCC, Cuttack, AROI, 08.11.2014, City Convention, IMPHAL.
4. Panda N., Management of chemoradiation induced Mucositis by oral glutamine, YROC – 2015, 10-11 the Jan 2015, Hemalata Hospitals, Bhubaneswar.
5. Pattanayak L., Synchronous carcinoma of the cervix and ovary: A rare case report, 5<sup>th</sup> National Conference AOGIN INDIA. (Poster).
6. Pattanayak L., 3 rare cases of Mucinous carcinoma of breast, International Conference of SAARC Federation of Oncologists held, New Delhi.
7. Routray B. R. 36<sup>th</sup> AROI 2014, Imphal (Poster).
8. Routray B. R. AOGIN 2014, Cuttack. (Poster).
9. Pattanayak L., Synchronous adenocarcinoma of the ovary and squamous cell carcinoma the cervix, AOGIN (5<sup>th</sup> National Conference), 12.9.14, Pramod Convention Hall, Cuttack
10. Pattanayak L., Colloid Carcinoma of the breast: A Series, SFO ( International SAARC Federation of Oncology), 28.11.2014, The Leela Ambience; Medanta the Medicity, New Delhi.

#### **Delivered Lectures By Faculties:**

1. Guest Speaker in Rotary Club of Puri on Awareness on Cancer on 16.03.2013 (*Prof. S. N. Senapati*).
2. Guest speaker in ONCON 2013 updates on Gastrointestinal Malignancies held on 13<sup>th</sup> & 14<sup>th</sup> August 2013 at Kolkata (*Prof. S. N. Senapati*).

3. Guest Speaker in Rotary Club of Puri on Awareness on Cancer on 16.03.2013. (*Prof. S. N. Senapati*).
4. Communication skills, IAPC certificate course, Nov 2014, AIIMS, Bhubaneswar. (*Dr. N. Panda*)
5. End of life care, IAPC certificate course, Nov 2014, AIIMS, Bhubaneswar. (*Dr. N. Panda*).
6. Management of Gynaecological Malignancies, National Cancer Conclave, 8.11.2014, IMS & SUM Hospital, Bhubaneswar. (*Dr. L. Pattanayak*)
7. Ethical Issues in Palliative Care, IAPC Teaching Curriculum, 28.10.2014, AIIMS, Bhubaneswar. (*Dr. L. Pattanayak*)
8. Management of Chemoradiation induced mucositis with oral glutamine, YROC(Young Radiation Oncologists' Conference), 10.1.2015, Hemalata Hospital, Bhubaneswar. (*Dr. L. Pattanayak*)

#### **As A Faculty in Conference/Courses:**

1. 1<sup>st</sup> Indian Cancer Congress held on 21<sup>st</sup> to 24<sup>th</sup> November 2013 at New Delhi. (*Prof. S. N. Senapati*).
2. ESTRO Teaching course of multidisciplinary management of Head & Neck Oncology 27<sup>th</sup> to 30<sup>th</sup> October 2013 held at Indoor (*Prof. S. N. Senapati*).
3. Faculty on Urology Academic Forum on Testicular Germ Cell Tumor held on 11.11.2013 at SCB MCH Cuttack. (*Prof. S. N. Senapati*).
4. Guest of honour for the seminar "Fight against Tobacco and save life from Cancer" organized by Mission Odisha, Puri on 31<sup>st</sup> May 2013. (*Prof. S. N. Senapati*).
5. Teaching faculty on "Cell Cycles, Check Points" to 12<sup>th</sup> ICRO PG teaching course held on 28<sup>th</sup> & 29<sup>th</sup> April 2012 at Manipal. (*Prof. S. N. Senapati*).
6. Chairing the session "Practical Symposium on IGRT/SRS/SBRT in cancer CI-2013 on 8<sup>th</sup> February 2013 at Hyderabad. (*Prof. S. N. Senapati*).
7. PG Teaching Course held on 7<sup>th</sup> & 8<sup>th</sup> September 2013 at Patna. (*Prof. S. N. Senapati*).
8. Faculty in 15<sup>th</sup> ICRO PG Teaching Course held on 7<sup>th</sup> & 8<sup>th</sup> September 2013 at Patna.
9. Chairing the session "Parvati Devi and JM Pinto Best Paper award" on 22<sup>nd</sup> November 2013 in ICC 2013, Delhi. (*Prof. S. N. Senapati*).
10. Panelist "Expanding Horizon and Telemedicine in India" in 2<sup>nd</sup> Annual Conference of Telemedicine Society of India, Odisha Chapter on 7<sup>th</sup> – 8<sup>th</sup> June 2013, Cuttack. (*Prof. S. N. Senapati*).
11. Chaired in proffered paper session at AOGIN in September-2014. (*Dr. N. Panda*).
12. Chaired a session "symposium on GI-malignancies" at YROC-2015 in Jan-2015.
13. (*Dr. N. Panda*).
14. ESTRO Teaching Course on "Advanced Technologies in Radiotherapy", Adyar Cancer Centre, Chennai, 2014. (*Dr. N. Panda*).
15. Panelist in Medicolegal problem in clinical practice, ICON at Bhopal 12.09.2014. (*Dr. S. Padhi*).
16. Panelist in Ca Endometrium in AROI at IMPHAL 07.11.2014.. (*Dr. S. Padhi*).
17. Panelist in YROC-2015 Bhubaneswar, 10-11 January 2015. (*Dr. S. Padhi*).
18. ESTRO Teaching Course on "Advanced Technologies in Radiotherapy", Adyar Cancer Centre, Chennai, 2014. (*Dr. L. Pattanayak*).
19. CME, Ovarian Cancer, National Sum Cancer Conclave. (*Dr. L. Pattanayak*).
20. CME, Palliative Care in AIIMS, Bhubaneswar. (*Dr. L. Pattanayak*).

#### **Workshop/Conference Attended By Faculties:**

1. 36<sup>th</sup> AROI 2014, Imphal. (*Dr. N. Panda*).
2. ACC 2015 conference on 7<sup>th</sup> Feb 2015 at Hyderabad. (*Dr. S. Padhi*).

3. Annual Conference of Indian Medical Association, Orissa State Branch. (*Dr. L. Pattanayak*).
4. IGRT on Carcinoma Cervix, TMC Kolkata. (*Dr. B. R. Routray*).
5. ESTRO Teaching Course on 'Advanced Technologies in Radiation Oncology', ADYAR, Chennai, 19th -22nd October, 2014. (*Dr. L. Pattanayak*).
6. Evidence Based Management of Cancers 2015 on Modern Radiation Oncology Practice, Tata Memorial Hospital, Mumbai, 27th Feb to 1st March, 2015. (*Dr. L. Pattanayak*).

#### **As Post Graduate Teacher, Examiner, MD Thesis Evaluator:**

1. Dr. Surendra Nath Senapati is recognized Post Graduate teacher of Radiotherapy, Utkal University.
2. Dr. Surendra Nath Senapati is Post Graduate Guide to -
  - Dr. Kirti Ranjan Mohanty in a comparison study on response and toxicity of paclitaxil cisplatin 5 fu vs docetaxil, cisplatin, 5fu as NACT followed by CTRT in locally advanced cancer head and neck cancer.
  - Dr. Roopesh K A Comparative Study on Response to CTRT in patients of HPV positive Vs HPV negative locally advanced Carcinoma Cervix.
  - Dr. Saroj Kumar Das A Comparative Study on CTRT of Weekly Cisplatin 30mg/m<sup>2</sup> Vs 40mg / m<sup>2</sup> in advanced Carcinoma Cervix.
  - Dr. Tapan Kumar Sahoo A Comparative Study on Concurrent Weekly Vs 3 weekly Cisplatin with RT in Locally Advanced Head & Neck Cancer.
  - Dr Surendra Senapati is the external examiner for NTR University of Health Sciences, AP The West Bengal University, WB for MD Radiotherapy.

Dr. Surendra Nath Senapati is the thesis evaluator of TMH, Mumbai, Maharashtra University, Maharashtra and NTR University of Health Sciences, AP for MD Radiotherapy.

#### **Teachings And Training Undertaken By Dept. :**

| Course                               | Degree  | Duration | Seats/ year | Affiliation              |
|--------------------------------------|---------|----------|-------------|--------------------------|
| PG in Radiotherapy                   | MD (RT) | 3 years  | 5           | Utkal University, Odisha |
| Dip. In Medical Radiation Technology | DMRT    | 2 years  | 20          | BMRT, Odisha             |

#### **Awards, Honours and Significant events:**

1. Awarded as ICRO Fellow by Indian College of Radiation Oncology & Association of Radiation Oncologist of India 2013. (*Dr. S. N. Senapati*).
2. Working on the project on Prospective comparative open level randomised multicentric phase III study to compare the safety and efficacy of Bevacizumab of Intas PAH, Ltd against avastine in patients with unresectable or metastatic non-squamous NSCLC. (*Dr. N. Panda*).
3. Completed project on Randomised clinical trial of weekly v/s tri-weekly cisplatin based chemotherapy concurrent with radiotherapy in the treatment of locally advanced cervical cancer. (*Dr. N. Panda*).
4. Impact of pretreatment body mass index on patients of head and neck cancer treated with radiation. (*Dr. S. Padhi*)
5. Prospective evaluation of quality of life in brain metastasis pts receiving palliative whole brain radiotherapy. (*Dr. S. Padhi*).

6. Presented Health Topic “ Bikirana chikitsa” in All India Radio on 5.8.2014. (*Dr. L. Pattanayak*)
7. Presented Health Topic “ Karkata roga samparkare kichi jana ajana katha” in All India Radio on 19.11.2014. (*Dr. L. Pattanayak*)
8. Presented Health Topic “ Management of Colorectal Cancer” in Doordarshan on 16.3.2015. (*Dr. L. Pattanayak*)

## SURGICAL ONCOLOGY

### Publications:

1. Das P. K., Diagnosis of Tuberculosis During Oncological Practice-Case Report, Orissa Medical Journal vol 34.
2. Gautam K., B/L MRM followed by B/L LD flap in Single Setting, Odisha Medical Journal.
3. Gautam K., Rare Case Report of Ca. Stomach with Renal Cell Carcinoma. Odisha Medical Journal.

### Delivered Lectures By Faculties:

1. Pattern of Cervical LN Metastasis in Papillary Thyroid Carcinoma, IAES CON 2013, Bhubaneswar. (*Dr. P. K. Das*).

### As A Faculty in Conference:

1. Panelist in OSASICON 2015 in Enterocutaneous Fistula held at Biju Patnaik Film and TV Institute, Cuttack on 8<sup>th</sup> Feb 2015. (*Prof. P. Devi*).
2. Panelist in Midterm NATCON IASO in LABC held at AIIMS Bhopal 27<sup>th</sup>-28<sup>th</sup> March 2015. (*Prof. P. Devi*).
3. Updates in Oncology, AIIMS, March 2014. (*Prof. P. Devi*).
4. Midterm Gastroenterology CME, Bhubaneswar. (*Prof. P. Devi*).
5. Panel Discussion on GIST. (*Prof. P. Devi*).
6. Breast Cancer CME, PML. (*Prof. P. Devi*).
7. Panel discussion on Breast Cancer, 1<sup>st</sup> SUM cancer conclave 2014, 8.11.2014, IMS & SUM Hospital, Bhubaneswar. (*Dr. P. K. Das*).
8. Judge for e-poster competition, 5<sup>th</sup> National Conference of AOGIN, 12.9.2014-14.9.2014, Hotel Pramod Conference Hall, Cuttack. (*Dr. P. K. Das*).
9. AROICON OSOCON 2014, Puri. (*Dr. P. K. Das*).
10. Updates in Oncology, AIIMS, March 2014. (*Dr. P. K. Das*).

### Workshop/Conference Attended By Faculties:

1. NATCON IASO 2014 held at Chennai from 18<sup>th</sup>-21<sup>st</sup> Sept 2014. (*Prof. P. Devi*).
2. Indian Cancer Congress, New Delhi. (*Prof. P. Devi*).
3. ASICON 2014 held at Hyderabad from 25<sup>th</sup>-30<sup>th</sup> Dec 2014. (*Prof. P. Devi*).
4. Bio ethics workshop on new regulations on clinical implications, 16.4.2014, AHRCC, Cuttack. (*Dr. P. K. Das*).
5. NATCON IASO 2014, 18.4.2014-21.4.2015, Hotel Leela Place, Chennai. (*Dr. P. K. Das*).
6. OSASICON 2015, 7.2. 2015-8.2.2015, Biju Pttanayak Film Institute Conference Hall, Cuttack. (*Dr. P. K. Das*).
7. Training in colorectal laparoscopic surgery 2015, ETHICON, New Delhi. (*Dr. S. Mohanty*).
8. Fellowship course in FIAGES 2015, April 2015, Cuttack. (*Dr. S. Mohanty*).
9. OSASICON 2015, February 2015. (*Dr. S. Mohanty*).

10. NATCON 2015, Chennai. (*Dr. S. Mohanty*).
11. OSASICON 2015, February 2015. (*Dr. K. Gautam*).
2. IAES CON 2013, Bhubaneswar. (*Dr. P. K. Das*).
3. National Conference of Surgical Oncology 2013, New Delhi. (*Dr. K. Gautam*).
4. Uro-Oncology workshop in SCB 2013. (*Dr. K. Gautam*).
5. Cancer Breast Workshop in Panda Medical Centre 2013. (*Dr. K. Gautam*).
6. Indian Cancer Congress, New Delhi. (*Dr. S. Samantara*).
7. Bio ethics workshop on new regulations on clinical implications, 16.4.2014, AHRCC, Cuttack. (*Dr. B. B. Satapathy*).
8. 5<sup>th</sup> National Conference of AOGIN, 12.9.2014- 14.9.2014, Hotel Pramod Conference Hall, Cuttack. (*Dr. B. B. Satapathy*).
9. Society of endoscopic and laparoscopic surgeons India conference, 18<sup>th</sup> to 21<sup>st</sup> September 2014, KIMS Hospital, Bhubaneswar. (*Dr. B. B. Satapathy*).
10. ONCOSURG-2014, 10<sup>th</sup> Annual Surgical Oncology Conference, 21.11.2014-23.11.2014, TMH, Mumbai. (*Dr. B. B. Satapathy*).
11. OSASICON 2015, 7.2. 2015-8.2.2015, Biju Pttanayak Film Institute Conference Hall, Cuttack. (*Dr. B. B. Satapathy*).
12. RGCON- 2015, 14<sup>th</sup> International Conference, Changing landscapes in Head & Neck surgery (with live Robotic surgery workshop), Feb. 27<sup>th</sup> to Mar. 1<sup>st</sup> 2015, Rajiv Gandhi Cancer Institute and Research Centre, New Delhi. (*Dr. B. B. Satapathy*).
13. Indian Cancer Congress, New Delhi. (*Dr. B. B. Satapathy*).

#### **Awards, Honours and Significant events:**

1. Completed project on Options of reconstructions after mastectomy for Ca. Breast funded by UICC Geneva(ICRETT).
2. Best Case Report Publication Award by IMA Odisha Branch. (*Dr. P. K. Das*).
3. Selected for UICC ICRETT Fellowship to MSKCC, NY, USA. (*Dr. P. K. Das*).
4. Member in Odisha Society Of Oncology Clinical Meet, every month. (*Dr. P. K. Das*).
5. Elected as Hony. Secretary, AROICON OSOCON 2014, Puri. (*Dr. P. K. Das*).
6. Member in GUT Club Clinical Meeting, every month. (*Dr. P. K. Das*).
7. Revised 3 topics Oral fibromatosis : A case report, Cancer cervix management in Indian Scenario, Neoadjuvant CT Response in LABC in Journal. (*Dr. K. Gautam*).

## M. CANCER PREVENTION ACTIVITIES

### **Hospital Based Cancer Registry & Patterns of Care & Survival Studies in Cancer Cervix, Cancer Breast & Head & Neck Cancers Under the National Cancer Registry Programme (HBCR-POCSS):**

The broad and overall objectives of a Hospital Based Cancer Registry vis-à-vis the present HBCR-POCSS are outlined below:

1. Assess Patient Care;
2. Participate in Clinical Research to Evaluate Therapy;
3. Provide an idea of the patterns of cancer in the area;
4. Help plan hospital facilities;
5. Contribute to active follow-up of the cancer patient;
6. Describe length and quality of survival in relation to anatomical site, clinical stage and aspects of types of treatment;
7. Contribute to the Population Based Cancer Registries (PBCRs) in the given area;
8. Undertake epidemiological research through short-term case control studies;
9. Show time trends in proportion of early to late stages at the time of diagnosis;
10. Help assess quality of hospital care and cancer services in covered area.

### **PREVENTION:**

#### **PRIMARY PREVENTION**

Awareness programmes done regularly regarding ill effects of tobacco with a special note on Oral Cancer.

#### **SECONDARY PREVENTION**

“Catch them early, treat them adequately and get a cure” is the motto of cancer control programme. Luckily in our state the commonest top three cancers are 1. Oral, 2. Cervix, 3. Breast cancers which are again can be detected at very early stage and can be prevented by simple awareness amongst the people as well as medical personnel at the periphery.

Cancer Awareness Programmes have been regularly under taken by the centre in the following manner.

- Awareness & Detection camps at the remote rural areas of the state.  
Cancer Detection Camps:
  - Khamar, Anugul on 30.11.2014.Cancer Detection under NPCDCS:
  - 72 samples from Nabarngpur, Koraput, Nuapada were examined in the Department of Pathology.
- In public fairs like Baliyatra and other Melas.
- Participating in Mega Health camps & Health Melas.
- Conducting School programmes at regular intervals.
- Conducting seminars & meeting in AHRCC.
- Involvement of NGOs and voluntary organizations in the awareness programme.
- Faculty participation in Arogya Bharatam and as All India Radio experts.

## **CELEBRATIONS:**

- Annual Day of the centre on 24<sup>th</sup> April.
- No Tobacco Day on 31<sup>st</sup> May
- Cancer Survivors' Day on 7<sup>th</sup> June.
- Breast Cancer Month in October.
- World Hospice Day in Dept. of Anesthesia on 11<sup>th</sup> October & World Anesthesia Day on 16<sup>th</sup> October in Dept. of Anesthesia.
- World Cancer Awareness Day on 7<sup>th</sup> November.
- Children's Day for Pediatric Cancer Patients 14<sup>th</sup> November.
- Annual Day of Day Care Unit 23<sup>rd</sup> January.
- World Cancer Day on 4<sup>th</sup> February.

## N. TREATMENT STATISTICS

### PARTICULARS

**April 2014-  
March 2015**

|                                        |              |
|----------------------------------------|--------------|
| <b>OPD- days:</b>                      | <b>312</b>   |
| <b>Bed Stength:</b>                    | <b>281</b>   |
| <b>New Patients Registered in OPD:</b> | <b>18299</b> |
| <b>No. of Follow ups in OPD:</b>       | <b>14567</b> |
| <b>New Patients admitted in IPD:</b>   | <b>5981</b>  |
| <b>Total Indoor admission:</b>         | <b>23004</b> |
| <b>Deaths Recorded:</b>                | <b>509</b>   |

### DIAGNOSIS:

#### Pathological Investigations:

|              |       |
|--------------|-------|
| Cytology:    | 13648 |
| Histology:   | 13217 |
| Pap Smear:   | 1386  |
| Hematology:  | 63215 |
| Biochemical: | 97284 |
| Bone Marrow: | 252   |

#### Radio diagnosis:

|             |      |
|-------------|------|
| Ultrasound: | 1451 |
|-------------|------|

### TREATMENT:

#### Radio Therapy Plannings:

|               |          |
|---------------|----------|
| Simulation:   | 2470     |
| TPS Planning: | 166      |
| Telecobalt:   | 2927     |
|               | New: 893 |
|               | Replans: |

#### Radiotherapy:

|                |      |
|----------------|------|
| Brachytherapy: | 1420 |
|----------------|------|

#### Day Care Chemotherapy:

6238

| No. of Surgery: | Gynaecology | Surgery    | Head & Neck | Total       |
|-----------------|-------------|------------|-------------|-------------|
| <b>Major</b>    | 352         | 659        | 210         | 1221        |
| <b>Minor</b>    | 71          | 70         | 268         | 409         |
| <b>Total</b>    | <b>423</b>  | <b>729</b> | <b>478</b>  | <b>1630</b> |

### Outside Referral

|               |          |
|---------------|----------|
| <b>Cases:</b> | <b>9</b> |
|---------------|----------|

|                                                                  |             |
|------------------------------------------------------------------|-------------|
| <b>Patients treated under Orissa State Treatment Fund(OSTF):</b> | <b>3048</b> |
|------------------------------------------------------------------|-------------|

|                                  |                           |
|----------------------------------|---------------------------|
| <b>Amount Received for OSTF:</b> | <b>Rs.12,00,00,000.00</b> |
|----------------------------------|---------------------------|

|                                  |             |
|----------------------------------|-------------|
| <b>Cards blocked under BKKY:</b> | <b>2528</b> |
|----------------------------------|-------------|

|              |            |
|--------------|------------|
| <b>RSBY:</b> | <b>108</b> |
|--------------|------------|

|                                   |                           |
|-----------------------------------|---------------------------|
| <b>Amount blocked under BKKY:</b> | <b>Rs. 2,88,97,833.00</b> |
|-----------------------------------|---------------------------|

|              |                        |
|--------------|------------------------|
| <b>RSBY:</b> | <b>Rs. 7,33,500.00</b> |
|--------------|------------------------|

## FIVE-YEAR STATISTICS AT A GLANCE

| Particulars                        | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 |
|------------------------------------|---------|---------|---------|---------|---------|
| <b>No. of OPD-Days:</b>            | 310     | 325     | 312     | 312     | 312     |
| <b>No. of Beds</b>                 | 146     | 251     | 281     | 281     | 281     |
| <b>OPD Attendance:</b>             |         |         |         |         |         |
| <b>New</b>                         | 14150   | 15534   | 16755   | 18031   | 18299   |
| <b>Old</b>                         | 8870    | 9490    | 9192    | 11709   | 14567   |
| <b>Total</b>                       | 23020   | 25024   | 25947   | 29740   | 32866   |
| <b>IPD Attendance:</b>             | 9159    | 10698   | 16188   | 17540   | 23004   |
| <b>No. of Deaths Recorded:</b>     | 223     | 238     | 264     | 402     | 509     |
| <b>No. of Cytology Study:</b>      | 6021    | 5404    | 6295    | 12323   | 13648   |
| <b>No. of Histology Study:</b>     | 3145    | 2677    | 4460    | 11692   | 13217   |
| <b>No. of Paps Study:</b>          | 1241    | 1557    | 1484    | 1331    | 1386    |
| <b>No. of Bone Marrow Study:</b>   | 245     | 136     | 214     | 410     | 252     |
| <b>No. of Hematology Study:</b>    | --      | --      | 33329   | 54077   | 63215   |
| <b>No. of Biochemical Study:</b>   | --      | --      | 45113   | 80775   | 97284   |
| <b>No. of Ultrasound:</b>          | --      | --      | --      | --      | 1459    |
| <b>No. of Simulation:</b>          | 1250    | --      | --      | 1292    | 2470    |
| <b>No. of TPS Planning:</b>        | 131     | 114     | --      | 156     | 166     |
| <b>No. of Telecobalt cases:</b>    | 1660    | 1852    | --      | 2514    | 3820    |
| <b>No. of Brachytherapy cases:</b> | 861     | 874     | --      | 1194    | 1420    |
| <b>No. of Surgery:</b>             |         |         |         |         |         |
| <b>Major</b>                       | 733     | 802     | 961     | 1052    | 1221    |
| <b>Minor</b>                       | 655     | 577     | 483     | 405     | 409     |
| <b>Total</b>                       | 1388    | 1379    | 1444    | 1457    | 1630    |

## AHRCC PATIENT ATTENDANCE

| <b>Year</b>      | <b>OPD</b> | <b>IPD</b> | <b>No. Of Deaths</b> |
|------------------|------------|------------|----------------------|
| <b>1986-87</b>   | 9191       | 1800       | -                    |
| <b>1987-88</b>   | 12121      | 1731       | -                    |
| <b>1988-89</b>   | 14597      | 1996       | -                    |
| <b>1989-90</b>   | 14838      | 2127       | -                    |
| <b>1990-91</b>   | 12493      | 1882       | -                    |
| <b>1991-92</b>   | 11687      | 1853       | 72                   |
| <b>1992-93</b>   | 13501      | 1689       | 72                   |
| <b>1993-94</b>   | 13743      | 1478       | 71                   |
| <b>1994-95</b>   | 12651      | 1354       | 60                   |
| <b>1995-96</b>   | 9844       | 1360       | 65                   |
| <b>1996-97</b>   | 10276      | 1948       | 25                   |
| <b>1997-98</b>   | 14087      | 2198       | 79                   |
| <b>1998-99</b>   | 14627      | 2399       | 78                   |
| <b>1999-2000</b> | 14963      | 2744       | 92                   |
| <b>2000-01</b>   | 15572      | 3029       | 89                   |
| <b>2001-02</b>   | 15026      | 3057       | 107                  |
| <b>2002-03</b>   | 15590      | 4049       | 140                  |
| <b>2003-04</b>   | 16318      | 4650       | 146                  |
| <b>2004-05</b>   | 16296      | 5519       | 182                  |
| <b>2005-06</b>   | 16207      | 5868       | 184                  |
| <b>2006-07</b>   | 17070      | 6963       | 176                  |
| <b>2007-08</b>   | 17748      | 7920       | 249                  |
| <b>2008-09</b>   | 19441      | 9042       | 193                  |
| <b>2009-10</b>   | 20467      | 9459       | 230                  |
| <b>2010-11</b>   | 23020      | 9159       | 223                  |
| <b>2011-12</b>   | 25024      | 10698      | 238                  |
| <b>2012-13</b>   | 25947      | 16188      | 264                  |
| <b>2013-14</b>   | 29740      | 17540      | 402                  |
| <b>2014-15</b>   | 32866      | 23004      | 509                  |

## N. LIST OF MAJOR EQUIPMENTS

- |                                  |                                  |
|----------------------------------|----------------------------------|
| 1. Nikkon OPTIHOT Microscope     | 29. Suction Irrigation Pump      |
| 2. Radio Isotope Calibrator      | 30. Ventilator                   |
| 3. Research Microscope           | 31. Vessel Sealing Device        |
| 4. Anesthesia work station       | 32. OT Light Stand Model         |
| 5. Display Cardiac Monitor       | 33. OT Light Ceiling LED         |
| 6. TH 780C Telecobalt            | 34. OT Table                     |
| 7. Microprocessor Controlled SSD | 35. Micro Laryngical Forceps     |
| 8. T.P.S. 3D                     | 36. Surgical Diathermy           |
| 9. Semi Auto Analyzer            | 37. Ultra Scission Scalpel       |
| 10. Simulator                    | 38. Computerized ECG Machine     |
| 11. HDR Brachy therapy GM+       | 39. Cell Counter (5 parts)       |
| 12. Endoscope                    | 40. Digital Video Colposcope     |
| 13. Contamination Monitor        | 41. Ultra Sound Color Doppler    |
| 14. Gamma Zone Monitor           | 42. Electrical Saw with          |
| 15. Bhabhatorn-II Co-60 Unit     | Accessories                      |
| 16. PBX System                   | 43. Theatre Sterilizer           |
| 17. Histokinet                   | 44. Crash Cart (ICU)             |
| 18. Boyles Apparatus             | 45. Over Bed Table (ICU)         |
| 19. Diathermy                    | 46. Blood Gas Analyzer           |
| 20. Defibrillator                | 47. Laparoscopy Surgery &        |
| 21. Respirator                   | Hysteroscopy Set                 |
| 22. Puls Oxymeter                | 48. Ordinary ECG Machine(ICU)    |
| 23. Survey meter                 | 49. Ventilator (ICU)             |
| 24. ECG Monitor                  | 50. Fibreoptic Bronchoscope(ICU) |
| 25. Semi Auto Analyzer           | 51. Monitors (ICU)               |
| 26. Dental Chair                 | 52. ECG Machine 12               |
| 27. Microscope (Binocular)       | channel(ICU)                     |
| 28. Microtome                    | 53. Non- Invasive bi-pap(ICU)    |

## P. HUMAN RESOURCE

### SANCTIONED STAFF STRENGTH OF AHRCC

| Category of post                | Sanctioned strength        | Staff in position        | Vacancy        |
|---------------------------------|----------------------------|--------------------------|----------------|
| <b>Director</b>                 | <b>1</b>                   | <b>1</b>                 | <b>-</b>       |
| <b>PROFESSOR</b>                |                            |                          |                |
| Head & Neck Oncology            | 1                          | -                        | 1              |
| Radiation Oncology              | 1                          | 1                        | -              |
| Surgical Oncology               | 1                          | 1                        | -              |
| Pathology                       | 1                          | 1                        | -              |
| Anesthesiology                  | 1                          | -                        | 1              |
| Gynecological Oncology          | 1                          | 1                        | -              |
| <b>Total</b>                    | <b>06</b>                  | <b>4</b>                 | <b>2</b>       |
| <b>ASSOCIATE PROFESSOR</b>      |                            |                          |                |
| Head & Neck Oncology            | 1                          | 1                        | -              |
| Radiation Oncology              | 2                          | 2                        | -              |
| Surgical Oncology               | 1                          | 1                        | -              |
| Onco-pathology                  | 1                          | 1                        | -              |
| Anesthesiology                  | 1                          | 1                        | -              |
| Gynecological Oncology          | 1                          | 1                        | -              |
| Medical Physics                 | 1                          | 1                        | -              |
| Nuclear Medicine                | 1                          | 1                        | -              |
| <b>Total</b>                    | <b>9</b>                   | <b>9</b>                 | <b>-</b>       |
| <b>ASSISTANT PROFESSOR</b>      |                            |                          |                |
| Head & Neck Oncology            | 3                          | 2                        | 1              |
| Radiation Oncology              | 4                          | 1                        | 3              |
| Surgical Oncology               | 4                          | 4                        | -              |
| Onco-pathology                  | 2                          | 1                        | 1              |
| Anesthesiology                  | 3                          | 3                        | -              |
| Gynecological Oncology          | 4                          | 4                        | -              |
| Medical Physics                 | 5                          | 4                        | 1              |
| Radiodiagnosis                  | 1                          | 1                        | -              |
| Medical Oncology                | 3                          | 3                        | -              |
| <b>Total</b>                    | <b>29</b>                  | <b>23</b>                | <b>6</b>       |
| <b>SENIOR RESIDENTS</b>         |                            |                          |                |
| Head & Neck Oncology            | 1                          | 1                        | -              |
| Radiation Oncology              | 2                          | 2                        | -              |
| Surgical Oncology               | 2                          | -                        | 2              |
| Medical Oncology                | 2                          | 1                        | 1              |
| Anesthesiology                  | 1                          | -                        | 1              |
| Gynecological Oncology          | 2                          | 1                        | 1              |
| <b>Total</b>                    | <b>10</b>                  | <b>5</b>                 | <b>5</b>       |
| <b>Assistant Dental Surgeon</b> | <b>1</b>                   | <b>1</b>                 | <b>-</b>       |
| <b>OFFICERS</b>                 |                            |                          |                |
| Store Medical Officer           | 1                          | -                        | 1              |
| Administrative Officer          | 1                          | 1                        | -              |
| Accounts Officer                | 1                          | 1                        | -              |
| Statistician                    | 1                          | -                        | 1              |
| <b>TOTAL</b>                    | <b>4</b>                   | <b>2</b>                 | <b>2</b>       |
| <b>Category of post</b>         | <b>Sanctioned strength</b> | <b>Staff in position</b> | <b>Vacancy</b> |
| GROUP-A                         | 60                         | 45                       | 15             |
| GROUP-B                         | 18                         | 18                       | -              |
| GROUP-C                         | 137                        | 129                      | 8              |
| GROUP-D                         | 74                         | 67                       | 7              |
| <b>TOTAL</b>                    | <b>289</b>                 | <b>259</b>               | <b>30</b>      |

# STAFF IN POSITION

## OFFICE OF THE DIRECTOR

- |                         |                                            |
|-------------------------|--------------------------------------------|
| 1. Prof. Niranjana Rout | Director I/C, Dean &<br>HOD, Pathology     |
| 2. Prof. Padmalya Devi  | Superintendent & HOD,<br>Surgical Oncology |

### Officers

- |                                     |                            |
|-------------------------------------|----------------------------|
| 3. Sri Pratap Kumar Mishra (O.A.S.) | Administrative Officer     |
| 4. Sri Biswa Mohan Mishra (O.F.S.)  | Accounts Officer           |
| 5. Dr. Jyotish Chandra Mohanty      | Sr. Hospital Administrator |

### Office Superintendent

6. Sri Jaladhar Khatua

### Head Clerk

7. Sri Rabinaryan Mishra

### Accountant

8. Sri Pradipta Kumar Swain

### Store Keeper

9. Sri Ramesh Chandra Malla

### Senior Stenographer

10. Sri Sanjaya Kumar Sahani

### Statistical Investigator

11. Satabhisha Kavi Satapathy

### Asst Store Keeper

12. Sri Akshaya Ku. Behera

### Tech. Store Keeper (Pharmacist)

13. Sri Subrat Chandra  
Tripathy

### Senior Clerks

14. Sri Sunakar Swain  
15. Sri Dhyanchand Nayak  
16. Sri Sarangadhar Nanda  
17. Smt. Prtatima Patra

### Junior Clerks

18. Sri Gobinda Sahoo

19. Sri Ajaya Mohapatra  
20. Sri Pabitra Mohan Das  
21. Sri Saroj Kumar Patjoshi  
22. Sri Himansu Sekhar  
Mohanty  
23. Sri Manoj Kumar Bagh  
24. Miss. Ranjita Naik  
25. Sri Bibekananda Nayak  
26. Sri Tapas Nayak

### Driver

27. Sri Biswanath Mohanta

### A.C. Operator-cum-Technician

28. Sri Prasanta Kumar  
Swain

### Mali

29. Sri Nrusingha Charan  
Mallick  
30. Sri Purna Chandra Das

### Peons

31. Sri Brundaban Panda  
32. Sri Ananta Behera  
33. Sri Shyamghan Barik  
34. Sri Saroj Kumar Raj  
35. Sri Ashok Kumar Naik

## NURSING STAFF

### Matron

1. Puspallata Das

### Assistant Matron

2. Smt. Binapani Panda ( A)

### Nursing Sister

3. Smt. Basantilata Nayak
4. Smt. Sarojini Naik

### Nursing Supervisor

5. Smt.Kanchan Pradhan
6. Smt. Lalita Bhuyan

### Staff Nurses

7. Smt. Niharika Satapathy
8. Smt.Basanti Panda
9. Smt. Reenabala Parida
10. Smt. Babita Mohanty
11. Smt. Binapani Panda (B)
12. Smt. Suprava Behera
13. Smt. Mani Jena
14. Smt. Anjali Parida
15. Smt.Kalpanamanjari Pattnaik
16. Smt. Jhinarani Mishra
17. Smt. Ratnamanjari Pramanik
18. Smt. Laxmi Moharana

19. Smt. Sudhashree Mishra
20. Smt.Saswatika Jena
21. Smt Rashmi prava Sahoo
22. Chandrakanti Mohanty
23. Smt Kadambini Senapati
24. Sahara Khatun
25. Maheswata Mohanty
26. Biswajini Mallick
27. Sasmita Bhoi
28. Sukantimani Behera
29. Annapurna Rout
30. Sabitarani Behera
31. Gitanjali Sahoo
32. Nirmala Nayak
33. Ahalya Sundari Datti
34. Renubala Swain
35. Lipika Mallick
36. Mamatamayee Pati
37. Tulasi Naik
38. Arati Pradhan
39. Annapurna Mallick
40. Bithika Swain

## SUPPORTING STAFF

### Stretcher Bearers

1. Sri Laxmidhar Ghadei
2. Aren Kumar Patra

### Cook

3. Sri Arjuni Nayak
4. Sri Subash Chandra Jena

### Electrical Helper

5. Sri Gyanenjaya Mohapatra

### Utensil Cleaner

6. Sri Muralidhar Chand

### Darwan

7. Sri Ramakanta Pattnaik

### Kitchen Attendant

8. Sri Hrusikesh Sahoo

### Lab. Attendant

9. Sri Aruna Kumar Sahoo

### X-ray Attendant

10. Sri Brajakishore Panda

### Attendants

11. Md. Anwar
12. Sri Chandra Sekhar Dhada
13. Sri Kartik Chandra Behera
14. Sri Saroj Kumar Routray
15. Sri Birabar Sahoo

16. Sri Manu Rout
17. Smt. Suchiprava Mohanty
18. Sri Sachidananda Panigrahi
19. Smt. Jayanti Sethi
20. Sri Manguli Charan Barik
21. Sri Hemanta Kumar Behera
22. Sri Upendra Bisoi
23. Sri Prasanna Ku. Mohapatra
24. Sri Dambarudhar Swain
25. Smt. Gouri Behera
26. Sri Kailash Chandra Jena
27. Sri Brajabandhu Dalei
28. Smt. Suli Dei
29. Sri Sanatan Guin
30. Sri Shyamsundar Lenka
31. Sri Sarat Chandra Ojha.
32. Sri Rajendra Kumar Mallick
33. Bijay Kumar Das
34. Sri Niranjana Mohapatra
35. Sri Satyaban Balabantray
36. Sri Padma Charan Swain
37. Kuntala Naik

38. Sri Laxmidhar Barik

**Dresser**

39. Sri Suresh Chandra Tripathy

**Sweepers**

40. Smt. Manju Naik
41. Sri Paria Naik
42. Sri Santosh Naik
43. Sri Kunti Dei
44. Sri Sehati Dei
45. Sri Ranjan Jena
46. Sri Kanduri Dei,
47. Sri Ajaya Kandi
48. Sri Baladev Naik
49. Sri Kasinath Naik
50. Sri Maheswar Naik
51. Sri Golekha Chandra Swain
52. Sri Laxmidhar Sahoo
53. Sri Upendra Naik
54. Sri Sobha Naik
55. Sri Kalu Naik
56. Sri Bhaskar Naik

## CONTRACTUAL EMPLOYEES

### Lab. Technician

1. Arati Sahoo

### Pharmacist

2. Biranchi Narayan Pradhan

### Asst. Store Keeper

3. Narayana Prusty

### Contractual Radiographer

4. Soumya Ranjan Behera

### Staff Nurses

1. Kashnaprava Das
2. Swarnaprava Swain
3. Suchitra Nayak
4. Sabujima Barik
5. Shantilata Behera
6. Mamata Moharana
7. Jyoshnarani Rani Behera
8. Anupama Behera
9. Sasmita Rana
10. Pravasini Das
11. Sujata Swain
12. Swadhina Swain
13. Padmini Paikray
14. Sumitra Moharana
15. Suchismita Padhi
16. Philomina Anthony
17. Namita Sahoo
18. Lopamudra Swain
19. Saswati Sahoo
20. Manini Gochhayat
21. Urmila Panda
22. Pranjaya Paramita Patra
23. Minati Rout
24. Smita Panda
25. Barada Roy(Male)
26. Bijayalaxmi Sahoo
27. Tikina Tarai
28. Arjun Kumar Panda (Male)
29. Kuni Prava Roul
30. Prabina Khuntia
31. Sasmita Thatoi(PH)
32. Sumanta Kumar Das (Male)
33. Kalyani Malik
34. Sagarika Sethy
35. Sujata Naik(A)
36. Lucy Behera

37. Sujata Naik (B)
38. Parbati Baskey
39. Sabitri Singh
40. Padmalaya Shankhuala
41. Moni Marandi
42. Ritamani Khandei
43. Rasmita Singh
44. Shantilata Singh
45. Jyotsna Murmu
46. Monalisha Hembram
47. Basanti Naik
48. Monika Soren
49. Mamatamayee Senapati
50. Sarojini Murmu
51. Ratnamanjari Behera
52. Baneswar Munda
53. Namita Swain
54. Birupa Rani Bariha
55. Manasi Das
56. Malati Murmu
57. Chhabirani Behera

### Dresser

58. Nabakishore Swain
59. Lab.Attendant
60. Sangram Dalabehera

### Attendant

61. Sulochana Naik
62. Sunanda Mohanty

### Sweepers

63. Sasmita Behera
64. Sohagi Mahali

### Scientific Assistant

65. Ajaya Sekhar Tripathy

### NCCP Staff

66. Girija Mohan Bal
67. Jitendra Kumar Biswal

### NCCP Attendants

68. Pandab Sahoo
69. Basanta Sahoo

### Other Supporting Staff

- |                         |    |
|-------------------------|----|
| 70. Out sourcing Staff  | 46 |
| 71. Security Supervisor | 3  |
| 72. Securities          | 31 |