

NEIGRIHMS

25th ANNUAL REPORT



2014-2015

**NORTH EASTERN INDIRA GANDHI REGIONAL INSTITUTE OF HEALTH
AND MEDICAL SCIENCES
SHILLONG – 793 018**

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DIRECTOR'S REVIEW



It is a matter of great pride for me to present this 25th Annual Report as the Director of this prestigious Institution, NEIGRIHMS, an autonomous Institution established by the Government of India in 1987, dedicated to the memory of (Late) **Indira Gandhi** by then Prime Minister (Late) **Rajiv Gandhi** for their commitment to the welfare and affection of the people of North Eastern Region.

Designed as a tertiary care centre for Post Graduate and Post Doctoral Research in lineage with AIIMS, New Delhi and PGIMER, Chandigarh, NEIGRIMS is the only Institution in the North Eastern Region and the

third in the country established by the Ministry of Health & Family Welfare, Government of India, declared as the **“Institute of National Importance”** by the former Prime Minister of India **Mr. Atal Bihari Vajpayee** in 2000 and declared as a **“Centre of Excellence”** by Parliament on 23rd January 2007. **Mrs. Sonia Gandhi**, Hon’ble Chairperson UPA dedicated this Institution to the Nation on March 5th 2010 in the august presence of Hon’ble Union Minister for Health and Family Welfare, **Mr. Ghulam Nabi Azad**.

North Eastern region has got a population of about 40 million in an area of about 2.6 Lakh square kms covered by about 400 hospitals where doctor population ratio is approximately 1: 5000 against a national figure 1:2000, with an overall 50% deficiency in medical manpower and overall 60% in total health sector.

Despite a few medical colleges in Assam, Manipur, Tripura entire North East Region is facing acute shortage of both health infrastructure and man power, more so in super specialties, nursing and paramedics. Accordingly NEIGRIHMS has been envisaged as the most vital asset to address this shortage in the North Eastern Region in terms of Health care delivery as well as Human Resource Development where there is no medical college in Arunachal Pradesh, Nagaland, Mizoram and Meghalaya as of now.

NEIGRIHMS as the **“Island of Excellence”** has the responsibility of an apex coordination centre to guide the health care policy of the Central Government, to potentially coordinate with international health organizations like WHO, UNICEF, World Bank etc in the activities of health sector with a vision of developing an apex seat of learning cum health care and capacity building as also to develop a self- sustainable resource centre of Health and Medical Sciences through the trinity of training , services and research as emphasized in the **RFD document 2013-14**, therefore, destined to be the “Pride” of North Eastern Region by the end of 12th Five Year Plan with its prime objective as a central research organization with facilities for primary and advanced research to look after the medical needs and collaborate with other national and international agencies so as to develop a true and exemplary centre of excellence for providing state of art health care at an affordable cost to the common citizen

in a sustained manner, to create human resource and role models of highest quality for health care teaching and research.

The Undergraduate Programme of MBBS was introduced at this Institution in 2008 with an affiliation to the Central University, North Eastern Hill University with an annual intake of 50 students, that is now recognized course by Medical Council of India vide notification no.U.12012/82/2011-ME (P-II) dated 7th November 2013. A separate Medical College Complex along with its hostel facility is in the pipeline that will facilitate the increase in the intake capacity to 100 students per year.

Post Graduate Medical Courses in Anaesthesiology, Pathology, General Medicine, General Surgery, Microbiology, Obstetrics & Gynaecology, Anatomy, Radio diagnosis and Imaging were introduced since May 2009 and all these Post Graduate Degree Courses are recognized by Medical Council of India and many pass outs have been absorbed at this Institution and in the country, besides, some of them having opted out for their services abroad.

In August 2012 Post Doctoral Programme in Cardiology was introduced and many other Post Graduate/Post Doctoral Programmes have been approved by the Academic Council of NEIGRIHMS to be started in the near future in the disciplines of Cardio Vascular Thoracic Surgery, Urology and Renal Transplant, Neurosurgery, Neurology, Orthopaedics and Physical Medicine Rehabilitation, Emergency Medicine and Trauma, Radiation Sciences, Medical Oncology, Clinical Haematology and Transfusion Medicine, Ophthalmology, ENT, Clinical Biochemistry, Community Medicine etc.

Academic Council also has approved the introduction of Post Doctoral Fellowship Programmes in various disciplines of Anaesthesiology and Critical Care Medicine, Microbiology, Immuno Diagnostics, Intensive Care Medicine and Pain Management, Radio diagnosis and Imaging etc.

Academic Council approved introduction of M.Sc Nursing at NEIGRIHMS where Under Graduate, BSc Nursing Degree Course with annual intake of 50 students has already been going on since July 2006. This being the first Institution in the state of Meghalaya to start a professional degree technical course in nursing that is likely to enhance its annual capacity to 100 students per year in the near future, as the infrastructure for nursing education with a separate college along with its hostel in the campus gets expanded, the project already approved and being in the pipeline along with other expansion projects that will facilitate the introduction of Post Doctoral Nursing (PhD in nursing) in due course of time.

Along with the separate Medical College and Nursing College Complex a Regional Cancer Centre is in the pipeline that would facilitate the treatment of cancer afflicted patients with the State-of-Art infrastructure and facilities for stay in a 'Patient Rest House' for patients and their attendants during the treatment at this Regional Cancer Centre.

As on date the institute is conducting High End diagnostics and medicare in interventional cardiology, open heart surgery, neurology and neurosurgery minimal access surgery with the help of video-endoscopic, laparoscopic facilities in general surgery, internal medicine, orthopaedics, Obs & Gynae, otorhinolaryngeology, ophthalmology, critical care medicine, emergency medicine and resuscitation, urological surgery besides state of art medicare in all other specialties like joint replacements, arthroscopy, GI Endoscopy, Laser Photo Coagulation, Immunohistochemistry interventional radiology, component transfusion, hemodialysis, physical medicine and rehabilitation and advanced research in basic and para-clinical sciences, more importantly extending the benefits of primary and high end care to the most remotely placed population at their door steps through outreach camps with the help of Community Medicine.

NEIGRIHMS is conducting clinical grand rounds/clinicopathological conferences, national/international conferences, symposia, workshops, teleconferences, tele-medicine in collaboration with other institutes in the country, involving various other funding agencies for research, especially ICMR,HRD,DST etc and has been in the forefront with its research publications of appreciable impact on need based ,indigenous projects.

On the Bio Medical Engineering front, NEIGRIHMS is focusing on creation of research areas for applied sciences to look after its own bio medical equipment and maintenance of engineering facilities especially for harnessing solar energy and harvesting rain water with the indigenously designed in house underground water reservoirs of approximately 10 lakh gallons to cater to its future needs.

With Post Graduate/Post Doctoral teaching facilities in 35 disciplines along with its 500 bed capacity and almost 75 intensive care beds and 100 bedded Regional Cancer Centre plus separate medical and nursing colleges and college for Pharmacy and Dental Sciences. Patient Rest House, Helipad, Air Ambulance to air lift and in transit management of seriously sick /injured patients from far flung hilly areas of North East, better road connectivity with the Shillong by pass, this Institution is on its way to be the major Referral Regional Centre with state of the art facility for Medicare, Human Resource Development and Medi Tourism in North East.

The Institute is looking forward to start medicare of highest order in terms of cardiac, liver, kidney, corneal transplants E stem Cell Diseases E Treatment in near future. With the selection of further faculty in due course of time all other areas of patient care research and academics are going to get tremendous boost to achieve the

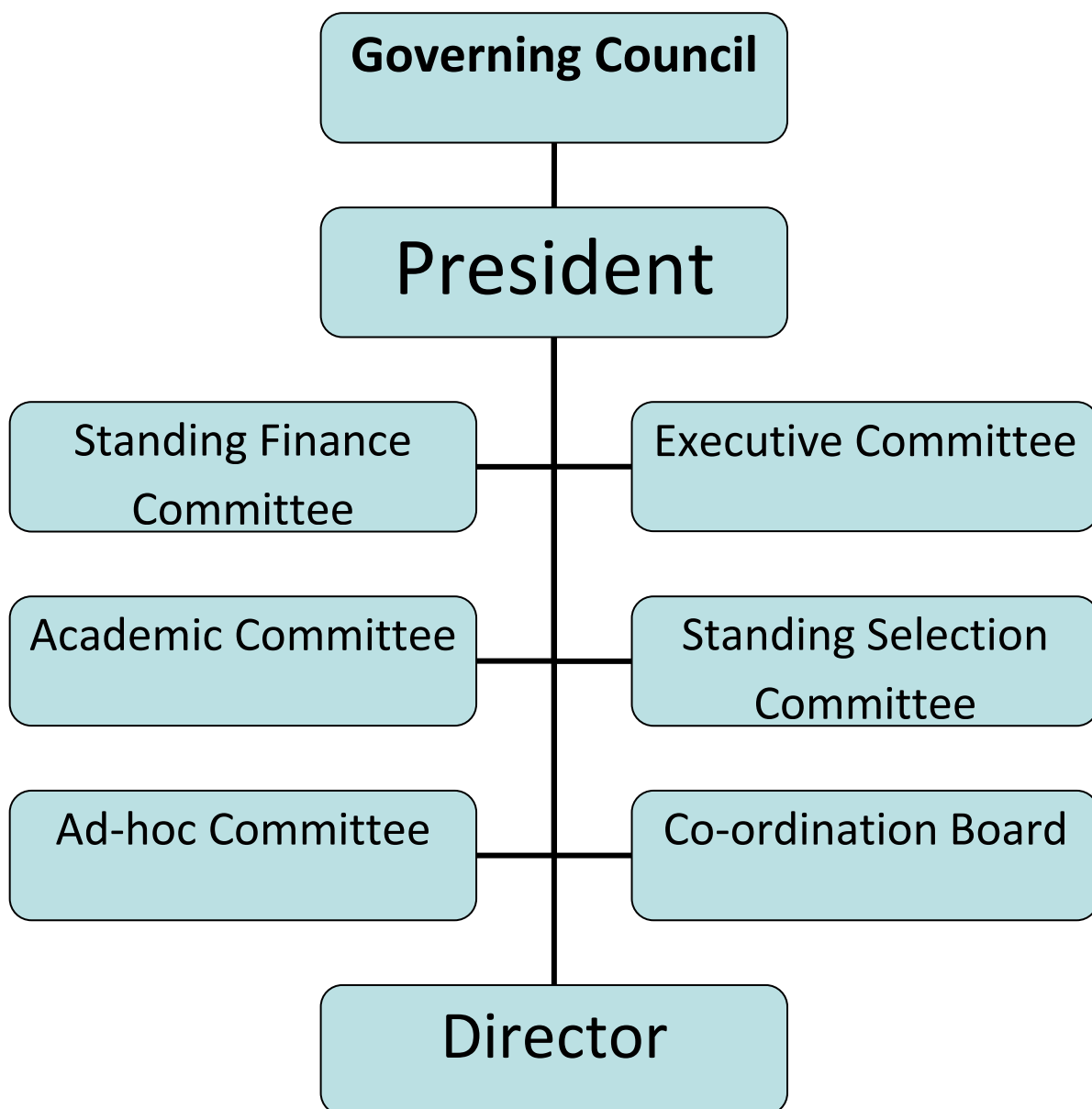
desired goals and fulfill the vision of this Institution that was acknowledged by Hon'ble Union Minister for Health and Family Welfare Mr. Ghulam Nabi Azad when he delivered the **"First Indira Gandhi Oration"** at NEIGRIHMS on April 2nd 2013 wherein he promised for an **"Act of Parliament"** that would give NEIGRIHMS its long awaited Academic Autonomous Character so that this Institution lives up to the dream it was envisaged for.

Eversince the first Annual Programme of Post Graduate Research Presentation on March 5, 2013, these annual events have revitalized the concepts in the Post Graduate Research and publications of original papers in the prestigious journals at national and International level and inspired all the Research minded personnel to organize and participate in such Academic events at NEIGRIHMS and also at National /International fora. Many such occasions at NEIGRIHMS have been graced by Hon'ble dignitaries from Ministry of Health and Family Welfare and other scientific diaspora's. Accordingly **Hon'ble Union Minister for Science & Technology & Earth Sciences Dr. Harsh Vardhan and Hon'ble Minister of Health and Family Welfare Shri J P Nadda** took the lead in guiding and patronizing such academic events at this Institution. A number of International delegates participated in various conferences /seminars conducted by this Institution during the year under review while co-organizing some of the innovative workshop at this Institution.

I feel immensely indebted to and have a great sense of **"pride"** to show my gratitude towards all the faculty members /teachers/administrative man power and all other staff members- regular/out –source, working at the Institution day in and out for looking after and giving their best to the one, the prime concern of this Institute, **"a sick and suffering human life"** at large;....!

NORTH EASTERN INDIRA GANDHI REGIONAL INSTITUTE OF HEALTH AND MEDICAL SCIENCES

Organization Structure



NEIGRIHMS AT A GLANCE

2014 - 2015

25th Annual Report

Teaching Departments	34
Faculty members	72
Non Faculty staff	1049
Undergraduate students (MBBS)	268
Undergraduate students (Nursing)	194
Postgraduate students (MD/MS)	48
Post Doctoral	6

HOSPITAL FACILITY AND SERVICES AT A GLANCE

The Hospital is equipped with several advanced equipments/facilities for Patient Care, Academic and Research activities.

PRESENT OPERATIONAL DEPARTMENTS/ SERVICES IN THE HOSPITAL

ANESTHESIOLOGY & CRITICAL CARE	NEUROLOGY
CARDIOLOGY	NEUROSURGERY
COMMUNITY MEDICINE	OPHTHALMOLOGY
CARDIO THORACIC & VASCULAR SURGERY	ORTHOPAEDICS & TRAUMA
DENTISTRY	OBSTETRICS & GYNAECOLOGY
DERMATOLOGY & STD	PEDIATRICS
CASUALTY & EMERGENCY MEDICINE	PSYCHIATRY
ENT (OTORHINOLARYNGEOLOGY)	RADIODIGNOSIS & IMAGING
GENERAL MEDICINE	RADIATION ONCOLOGY
GENERAL SURGERY	UROLOGY
	NURSING SERVICES
PATHOLOGY	BIOCHEMISTRY
MICROBIOLOGY	BLOOD BANK

OTHER SUPPORTING SERVICE DEPARTMENT / SECTIONS:-

CENTRAL STERILE SUPPLY DEPARTMENT	MEDICAL SOCIAL SERVICE UNIT
DIETETICS & NUTRITION	MORTUARY
LAUNDRY	PRIVATE WARD
MEDICAL RECORDS DEPARTMENT	SANITATION DEPARTMENT

HOSPITAL SERVICES

Services	No. of Patients		
	2012-13	2013-14	2014-15
Out Patients	1,79,305	2,26,308	2,54,910
IN Patients	13,864	15,568	18,477
Death	640	805	910
Birth	1,057	1,107	1,794
<u>OUTSIDE STATE PATIENTS</u>			
OUTPATIENT	5,713	9,025	12,278
IN PATIENT	1,285	3,463	2,801
Operation Theatre			
Major	1,962	2,942	3,355
Minor	2,827	3,463	1,635
Bed Capacity	512	527	541
<u>Investigations and Procedures</u>			
Pathology	4,09,448	5,19,462	5,27,791
Microbiology	1,11,114	1,31,682	3,28,553
Biochemistry	4,88,233	6,63,164	6,38,055
Radiology	57,705	75,791	87,048
Neurology	2,293	1,086	1,145

Cardiology	28,165	30,167	27,627
Urology	1,667	1,726	1,955
Orthopaedics	54,673	60,770	62,576
Gynaecology	22,129	23,870	29,691
Dietary Unit			
Diet Counselling	1,600	1,701	736
Diet Supply	1,11,490	1,28,691	1,46,498
Hospital Charges Collected	` 1,05,23,355/-	`1,16,,45,018/-	`2,11,68,900/-

SECTION – A – DEPARTMENTS

DEPARTMENT OF ANAESTHESIOLOGY & INTENSIVE CARE

FACULTY:

Post	Sanctioned	Current status	Name
Professor & Head	1	1	Dr. P.Bhattacharyya
Additional Professor	-	1	Dr. Mohd. Yunus
Associate Professor	2	1	Dr. Nari M Lyngdoh
Assistant Professor	3	2	Dr. Jayanta Kumar Mitra (resigned on 22.06.2014) Dr. Rajani Thabah, MD

Highlights:

The Department of Anaesthesiology & Critical Care has been actively involved in patient care services, teaching and research activities. Patient care services include services for the critically ill patients in CCU, daily PAC & Pain Clinic, Operation Theatre services (Routine & Emergency), Radiological Services (Interventional & MRI). Highlights of teaching services include regular postgraduate teaching activities like seminars, clinical case discussions, journal clubs and academic grand rounds.

At Present, there are

- 2 major and 1 minor operation theatre at Emergency Block
- Seven Operational O.Ts which provide for General Surgery, Obs & Gynaecology, CTVS, Urology, Neuro Surgery, ENT, Ophthalmology as well as 24x7 Emergency Surgery Services.
- 31 Bed Critical Care Unit(CCU)
- Pain & Palliative Care Clinic (OPD) & intervention suite
- PAC Clinic OPD

Services to the patients

- Anaesthesiology services were provided for 3 operating table in Emergency operation theatre complex including major & minor, scheduled and emergency surgeries/procedures round the clock.
- The department is providing elective and Emergency Anesthesia services to patients from:
 - ❖ Cardiothoracic vascular Surgery
 - ❖ Neuro Surgery
 - Urology,

- ❖ General Surgery
- ❖ Obstetric Gynecology
- ❖ Orthopedic
- ❖ ENT
- ❖ Interventional Radiology
- ❖ Non-Interventional Radiology
- ❖ Interventional Pain Services
- ❖ Acute Pain Services
- 24 hr Resuscitation services to entire hospital.
- Critically ill patients are provided intensive care and therapy in Critical Care Unit(CCU)
- Pre-Anaesthesia Evaluation clinic in the OPD block provides services 'for the optimization surgical patients for various surgical procedures.
- Pain clinic takes care of chronic pain patients with interventional and non-interventional therapies.
- The Department is providing round the clock Labour Analgesia services.

Academic Activities, Training & Services

1. Classes (Modalities involved - Lecture, Case discussion, Journal Club, Case presentation, equipment discussion, quality control analysis etc.) were conducted regularly involving Residents, Technical/Non-Technical staff, Nursing staff & Faculty.
2. Classes on various topics (as requested by the College of Nursing Authority, NEIGRIHMS) have been taken for B.Sc Nursing Students throughout the academic session.
3. MD (Anaesthesia) 3rd Batch students passed out in May, 2014 with 100% success rate.
4. The department successfully conducted Surgical Awareness Camps all Surgical disciplines.
5. 2 candidates admitted in the IDCCM course in the department of Anaesthesiology and Critical Care.
6. 4 candidates admitted for IDCCN course in the department of Anaesthesiology and Critical Care
7. Activities of the Palliative Care Unit, NEIGRIHMS were telecast in the PCN on May 2014.
8. Organises the Outreach services for Palliative Care in coordination with VHAM, Meghalaya after conducting 2 workshops on Palliative Care for volunteers in NEIGRIHMS.

Education:

CME/Workshops/Symposia/National and International Conference:

Sl. No	Name of the Event	Date	Venue	City
1.	CME on “ Perioperative Fluid Therapy: What is new?” in Collaboration with Indian Society of Anaesthesiologists(ISA), Shilong Chapter	29 th April, 2014	Shillong Club	Shillong
2.	CME on “Continuous Glucose Monitoring” in collaboration with ISCCM, Shillong Chapter	20 th August, 2014	Hotel Majestic	Shillong
3.	Palliative Care Training & Symposia for the Palliative Care Volunteers of Meghalaya.(2Batches)	November, 2014 & March, 2015	NEIGRIHMS	Shillong
4.	Training & Workshop of BSF Paramedics and Staff Nurses on “Basic Life Support & Basics of Ventilatory Care” (5 batches)	November, 2014 to January, 2015	NEIGRIHMS	Shillong

Lectures delivered at CMEs, National and International Conferences:

Name of Faculty Member: Prof. P. Bhattacharyya: (Period: 1st April, 2014 – 31st March 2015)

Sl.No	Authors	Title of presentation	Name of Conference	Date	Venue	City
1.	Dr. P. Bhattacharyya	Promoting patient safety strategy to decrease anesthetic risk in children	24 th Annual Conference of Research Society of Anaesthesiology Clinical Pharmacology, RSACPCON- 2014	14 th - 16 th Nov, 2014	Himalayan Institute of Medical Sciences, HIHT University, Dehradun	Dehradun

2.	Dr. P. Bhattacharyya	H.K. Dutta Memorial Oration: Delivery of Critical Care in the rural setup.	3rd North East Zonal Anaesthesia Conference (NEZACON-2014), 11th & 12th October, 2014 held in Agartala	11th & 12th October, 2014	Department of Anaesthesiology, AGMC & GBP Hospital, Agartala, Tripura	Agartala
3.	Dr. P. Bhattacharyya	Management of Cancer Pain	One day CME on "Cancer Pain Management vis-a-vis Oral Morphine" at Gauhati Medical College and Hospital (GMCH)	7 th November, 2014	Cancer Aid Society and dept. of Anaesthesiology, Gauhati Medical College and Hospital (GMCH)	Guwahati
4.	Dr. P. Bhattacharyya	Pk/PD in the optimization of antibiotics	First National Conference of Nepalese Society of Critical Care Medicine (NSCCM) and First National Conference of ASAARCCS on 15 th November, 2014, Khatmandu, Nepal	15 th November, 2014	Khatmandu	Nepal
5.	Dr. P. Bhattacharyya	Therapeutic hypothermia	6th Annual Conference of Indian College of Anaesthesiologists (ICA) at Narayana Hrudayalaya Hospitals, Bangalore, India from 21 st to 23 rd November, 2014	21 st to 23 rd November, 2014	Narayana Hrudayalaya Hospitals, Bangalore	Bangalore
6.	Dr. P. Bhattacharyya	Airway - Review of new intubation algorithms	ISACON 2014, Madurai, Tamilnadu, India, from 26 th – 29 th December, 2014	26 th – 29 th December, 2014	Madurai, Tamilnadu	Madurai, Tamilnadu

7.	Dr. P. Bhattacharyya	Regenerative therapy (PRP) in Pain	ISSPCON 2015 – Pain Conference, Chennai	5 th – 8 th February, 2015	Chennai	Chennai
8.	Dr. P. Bhattacharyya	Invited Faculty	11th SAARC-AA Congress & 16th SAN National Conference, Nepal	26 th – 28 th February 2015	Khatmandu, Nepal	Khatmandu, Nepal

Lectures delivered at CMEs, National and International Conferences:

Dr. Md. Yunus: (Period: 1st April, 2014 – 31st March 2015)

Sl. No	Authors	Title of presentation	Name of Conference	Date	Venue	City
1.	Dr. Md. Yunus	Current approach to Perioperative blood sugar control	NEZACON- 2014	(11-12 October, 2014)	Medical college Agartala	Agartala
2.	Dr. Md. Yunus	Faculty for Fundamental of Trauma, Resuscitation & Trauma Critical Care Course	10 th Annual INDO-US Emergency Summit	15 th – 19 th October, 2014	KGMU, Lucknow	Lucknow
3.	Dr. Md. Yunus	Faculty & Coordinator of MCI Basic Course Workshop on MET at NEIGRIHMS	MCI Basic Course Workshop on MET at NEIGRIHMS	26 th – 28 th March, 2015	NEIGRIHMS	Shillong
4.	Dr. Md. Yunus	Planning a Thesis (Coordinator of the Programme)	Orientation Programme for First Year Post Graduate & Post Doctor (MD/MS/DM students 2014)	23 rd July, 2014	NEIGRIHMS	Shillong

5.	Dr. Md. Yunus	Stress Management in students	Orientation Programme for First Year Post Graduate & Post Doctor (MD/MS/DM students 2014)	23 rd July, 2014	NEIGRIHMS	Shillong
6.	Dr. Md. Yunus	National Health Priorities (Coordinator of the Programme)	Orientation programme for the 1 st Year MBBS students 2014	13 th November, 2014	NEIGRIHMS	Shillong
7.	Dr. Md. Yunus	Group Dynamics	MCI Basic Course Workshop on MET at NEIGRIHMS	26 th March, 2015	NEIGRIHMS	Shillong

Departmental projects :(Thesis/Dissertations):Ongoing

Sl.	Title of the Project
1	Impact of targeted optimization of fluid status using Extra Vascular Lung Water Measurement in ICU patients with APACHE II \geq 20 (with special reference to severe sepsis, ARDS, and chronic alcohol abuse) – A Pilot Study.
2	Effect of Transversus abdominis plane block or local infiltration with bupivocaine for postoperative analgesia in caesarean section.
3	Comparative evaluation of hemodynamic response, efficacy & safety of Levosimendan, Milrinone and Dobutamine in patients with low cardiac output syndrome following cardio pulmonary bypass for valve replacement surgeries
4	Role of Post-op Anaesthesiologist's Visit in Patient Satisfaction
5	To Compare Continuous Subcutaneous Insulin Delivery Versus Continuous Intra-venous Insulin Delivery In Critically Ill Patients and Determine The Role of Continuous Glucose Monitoring Device
6	Long-term efficacy of cooled radiofrequency ablation for sacro-iliac joint dysfunction

Completed (Thesis/Dissertations)

Sl.	Title of the Project
1.	LOW BACK PAIN: A Prospective Hospital Based Study to assess Its Etiology and Impact on quality of Life
2.	Epidural Ropivacaine For Labor Analgesia: A Comparative Study Among 0.05, 0.1 & 0.2% Ropivacaine With 2mcg/MI Of Fentanyl.
3.	Comparison of sedation by continuous infusion of dexmedetomidine, Midazolam & Propofol in patients on Mechanical Ventilation in the Intensive Care Unit
4.	A prospective Hospital Based Study to Ascertain Optimal FiO2 and Levels of PEEP based on static Compliance of lung in patients presenting with ARDS & ALI
5.	Peri-operative Ramosetron and Ramosetron plus Dexamethasone Therapy for The Prevention of Post Operative Nausea and Vomiting Following Laparoscopic Cholecystectomy Surgery Under General Anaesthesia: A Randomized Double Blind Prospective Study”
6.	Role of Perioperative Oxygen Supplementation in Relation To Surgical Site Infection In Urological Surgery Under Neuraxial Anaesthesia
7.	Influence of packed red blood cell transfusion on risk of acute kidney injury and acute kidney injury after cardiopulmonary bypass in anemic and non-anemic patients undergoing cardiac surgery
8.	Efficacy of lateral branch pulsed radiofrequency denervation and intra articular depomedrol injection for sacroiliac joint pain – a randomized, prospective, single blinded comparative study
9.	Epidural Ropivacaine For Labor Analgesia : A Comparative Study of 0.2% Ropivacaine, 0.2% Ropivacaine with 0.25 µcg/Kg Dexmedetomidine and 0.2% Ropivacaine with 0.25 µcg/Kg Dexmedetomidine combined with 500 µcg Neostigmine
10.	Assessment Of Nutritional And Hydration Status In Critically Ill Patients Using Bio-Impedance Spectroscopy And Clinical Parameters
11.	Evaluation of hearing loss after spinal anaesthesia
12.	Efficacy Of Perioperative Dexmedetomidine In Attenuation Of Hemodynamic Response To Intubation, Effect On Hemodynamic Response During Surgery And Dose Sparing Effect Of Opioids And Anaesthetic Agents In Patients Undergoing Laparoscopic Cholecystectomy
13.	A Comparative Study Of The Cam-ICU, The Neecham Confusion Scale And The Icdsc For The Assessment Of Delirium In The ICU
14.	LOW BACK PAIN- Evaluation of intra-articular injection of platelet rich plasma in the management of Chronic Low Back Pain due to Sacroiliac joint Dysfunction

Departmental Ongoing Projects

Sl.	Title of the Project	Collaborating department/institution
1.	Open Heart Surgery: Outcome of first 350 cases of a newly established hospital located in remote area of North East India (Meghalaya). A retrospective study	NEIGRIHMS
2.	Outcome of mechanical valve replacement in a hospital of remote area of North East India (Meghalaya). A 5 year retrospective study	NEIGRIHMS
3.	Predictors of difficult laryngoscopy and intubation: A prospective study in North Eastern population in Northeast India	NEIGRIHMS
4.	Investigations in preoperative assessment: How far we are following standard guidelines	NEIGRIHMS
5.	Efficacy of Hand Hygiene practice in operation theatre	NEIGRIHMS

Departmental Completed Projects

Sl.No	Title of the Project	Collaborating department/institution
1.	Evaluation of knowledge, attitude and practice of Basic Life Support (BLS) among the doctors & students in a tertiary care medical institute of North East India	NEIGRIHMS
2.	Tube blockage and its Impact: what else we can do? A 2 years retrospective study of the scenario in our Critical Care Unit	NEIGRIHMS

Ongoing Collaborative Projects

Sl.No	Title of the Project	Collaborating department/institution
1.	Pattern of Analgesic utilization in Oncology setting of a tertiary care hospital, NEIGRIHMS	Pharmacology, Orthopaedic, Oncology & Anaesthesiology
2.	Comparison of Early Vs Delayed Laparoscopic Cholecystectomy in Acute Calculus Cholecystitis	General Surgery, Radiology & Anaesthesiology

3.	Autologous bone marrow progenitor cell transplantation for Therapeutic Angiogenesis in critical lower limb Ischemia	Radiology, CTVS, Anaesthesiology, General Surgery, General Medicine, Pathology, Cardiology & Biochemistry.
4.	Intraperitoneal Analgesia instillation for Post operative pain relief after laparoscopic Cholecystectomy	General Surgery & Anaesthesiology
5.	A study on non-alcoholic fatty liver disease in patients undergoing Cholecystectomy	General Surgery, Anaesthesiology & Pathology
6.	Early detection of Kidney injury due to broad-spectrum antibiotics use in critically ill patients with reference to cystatin C & Neutrophil gelatinase associated lipocalin	Department of Biotechnology, GOI, Biochemistry, Paediatric, General Medicine, Anaesthesiology & CTVS

Completed Collaborative Projects

Sl.No	Title of the Project	Collaborating department/institution
1.	A Study of unsafe CSOM-Hospital based study	ENT, Radiology & Anaesthesiology

Awards, Honours and significant events: Dr. P. Bhattacharyya, Professor & HOD

- Delivered the H.K. Dutta Memorial Oration during the NEZACON 2014 Anesthesia Conference of ISA held in Agartala, Tripura on 11-12 October 2014.
- Received the NEIGRIHMS Award for Academic Excellence 2014-15
- Expert for Selection Committee: Banaras Hindu University
- Expert for UPSC Selection Committee.
- Member, National Advisory Panel for Indian Journal of Critical Care Medicine.
- Nodal Officer, Telemedicine for North Eastern Grid, India
- Organized the first Workshop on Telemedicine in NEIGRIHMS, Shillong
- Organized the 1st Telemedicine Meeting for the NE Grid in September 2014 in NEIGRIHMS, Shillong
- Conducted the President of India's Tele-Address in NEIGRIHMS on three occasions
- Started the Palliative Care Unit in NEIGRIHMS in 2014.
- The activities of the Palliative Care Unit, NEIGRIHMS were Telecast on PCN Television in May 2014.
- Organized the Out Reach Services for Palliative Care in Coordination with VHAM, Meghalaya after conducting two workshops on Palliative Care for Volunteers in NEIGRIHMS.
- Chairman, Evidence Based Medicine, NEIGRIHMS.
- As Chairman, Organized - Two Workshops on Evidence Based Medicine (in coordination with PGI, Chandigarh) in NEIGRIHMS, Shillong.- One Evidence Based Medicine Workshop via Video Conferencing (in coordination with PGI Chandigarh), Shillong.
- Conducting One-Year IDCCM Course in the Department with an intake of two Post-MD students per year

16. Obtained Institute's Academic Committee, NEHU & Institute Approval for Commencing Post Doctoral Certificate Courses (PDCC) in Cardiac Anesthesia, Pain & in Critical Care.
17. Procured 9 Cadavers from West Bengal for our Institute for teaching and training purposes.
18. Member of the Committee entrusted with the procurement and installation of the MEDICAL GAS PIPELINE System for NEIGRIHMS.
19. Member of the Committee entrusted with the installation of the MODULAR O.Ts.
20. As Chairman, organized numerous Surgical Camps in our Institute to help deliver greater care to the Community at large.
21. Invited Faculty, Advisor, Observer for State Disaster Management Authority of Meghalaya.
22. Set up the Museum in the Department of Anesthesiology, NEIGRIHMS.
23. Executed MOUs between NEIGRIHMS with Pallium India as well as with Jeevdaya Foundation (USA) for funding our Palliative Care Program and sponsoring staff (Doctor, Nurse and Medical Social Worker) for the program.
24. Invited Member of IPC, NEIGRIHMS.
25. Examiner for Indian Diploma in Critical Care Nursing.
26. Member of Four – Member National Panel of Indian Society of Critical Care Medicine for Formulating & Revising Curriculum and Examination system for Critical Care Nursing.
27. Secretary, Shillong Branch of ISCCM.

Awards, Honours and significant events: For Dr. Mohd. Yunus, Additional Professor

1. Received most prestigious “Academic Excellence Award” of the Institute (NEIGRIHMS) during 3rd Annual day of NEIGRIHMS, 5th March, 2015.
2. Appointed as Sub Dean (Research) of NEIGRIHMS from 4th March, 2015.
3. Appointed as Member Secretary of Research Review Board of NEIGRIHMS.
4. Editor & Chairman of Editorial Board of “Hand Book on Medical Education”.
5. Editor of “Scientific Abstract Publication Book” of 3rd Annual day of NEIGRIHMS.
6. Associate Editor of Prestigious Journal of the Institute “NEIGRIHMS Journal of Health & Medical Science”.
7. Member of Institute Ethics Committee of NEIGRIHMS (IEC, NEIGRIHMS).
8. Coordinator of Medical Education Unit of NEIGRIHMS.
9. Judge for Poster Session for PG, Post Doctoral Students, SRD & Faculty during Scientific programme of 3rd Annual day of NEIGRIHMS, 4th March, 2015.
10. Invited Esteem Faculty for Fundamental of Trauma, Resuscitation & Trauma Critical Care Course during 10th Annual INDO-US Emergency Summit 15th – 19th October, 2014 at KGMU, Lucknow.
11. Faculty & Coordinator of MCI Basic Course Workshop at NEIGRIHMS, w.e.f. 26th – 28th March, 2015 conducted by KGMU, Lucknow.
12. Invited Faculty for NEZACON- 2014 (11-12 October, 2014) at Agartala & deliver a guest lecture
Title : Current approach to Perioperative blood sugar control
13. Course Coordinator for Orientation Programme of 1st yr MBBS students & 1st yr MD/MS/DM students.
14. Deliver in-house lecture in different academic programme: (a) Stress M/M in students (b) planning a Thesis (c) Swine flu – ICU M/M (d) Introduction of Medical Education Domain.
15. Chairman of Academic & Research Committee of 3rd Annual Day Research presentation programme.

Patient Care:

Pain Clinic attendance and procedures for the year April 2014- March 2015 are as follows:

Old		New		Refer		Total
M	F	M	F	M	F	
267	217	101	98	105	69	857

Total numbers of patients examined in PAC Clinic during 2014-15

Sl.No.	Departments	Numbers of patients
1	General Surgery	1322
2	Obstetric & Gynaecology	453
3	Urology	1053
4	ENT	528
5	CTVS	454
6	General Medicine	35
7	Paediatrics	164
8	Oncology	11
9	Neurology	110
10	Ophthalmology	117
11	Orthopaedics	775
12	Cardiology	32
13	Radiology	29
14	Neurosurgery	412
15	Psychiatry	3
	Total	5498

ICU Admission and Death Details from April 2014 to March 2015

Meningitis	35
Malaria	4
Cardio vascular disorders	8
Respiratory disorder	72
Liver disease (Chronic+Acute)	66
GIT disorder	17
Trauma	161
Ca	41
Post-op	350
CVA	156
DM	22
CKD	104
TB	32
Post Partum Obstetric	26
Others	144
Trans-Out	699
LAMA	75
Septic Shock	28
NeuroSurgery	23
Expired	447
Grand Total	2510

Total Number of Major & Minor Operations held from April 2014 - March 2015

SI.No.	Departments	Minor	Major	Total
1	Urology	63	307	370

2	Ortho	10	339	349
3	O&G	2	929	931
4	Surgery	4	590	594
5	CTVS	0	187	187
6	ENT	100	258	358
7	Ophthal	0	466	466
8	Neuro Surgery	2	286	288
	Grand Total	181	3362	3543

DEPARTMENT OF ANATOMY

FACULTY:

Post	Sanctioned	Current status	Name
Professor & Head	1	1	Dr. Asima Bhattacharyya
Associate Professor	1	1	Dr. Amitav Sarma
Assistant Professor	2	2	Dr. Sarah Ralte Dr. Bishwajeet Saikia (joined on 16.04.2015)

Highlights:

The Anatomy Museum was furnished with more specimens by collecting and preserving the dissected parts and organs from the cadavers.

The Research Laboratory has also been equipped with one rotary microtome and one microtome sharpener. More than 200 slides were made for microscopy examination for MBBS and PG students.

The setting up of Genetic Laboratory is on the verge of completion (one centrifuge machine and one laminar airflow cabinet are procured). Installation of CO₂ Incubator is awaited.

Twenty eight books were added to the departmental library. Total no. of books is now 167.

Conducted, "1st Pre-Clinical Quiz for MBBS "on the 29th August, 2014.

Nine embalmed cadavers were procured from Kolkata for teaching and training purposes.

Education:

- Regular classes and seminar/demonstrations are being held for under graduate, post graduate and resident doctors. Regular classes and seminar/demonstrations are being held for under graduate, post graduate and resident doctors.
- Regular class tests and seminars are being held for under graduate students.
- Dissection training was conducted on two embalmed human cadavers procured from various Medical Colleges of Kolkata.
- Regular classes, seminars and review of journals are being held for the post graduate student.
- The MBBS course of 2013-14 batch was completed by 21st May, 2014.
- The First Professional MBBS (practical & viva) Examination of the same batch was conducted in the department on 17th & 18th July, 2014.
- MBBS classes of 2014-15 batch was started from 1st August, 2014.
- The First Professional (supplementary) MBBS (practical & viva) Examination of the same batch was conducted in the department on 29th September, 2014.

Lectures delivered at CMEs National and International conferences

Dr. Amitav Sarma:

Sl No.	Title of talk	Name of the CME/Conference	Date	Venue	City
1.	Principles of Assessment	CME conducted by Medical Education	July,2014	NEIGRIHMS	Shillong
2.	Ethical issues and organ donation	1 st Annual National Conference cun CME	14 th November, 2014	Tezpur Medical College	Tezpur
3.	Principles of Assessment	Basic course workshop in Medical Education Technology	26 th March, 2015	NEIGRIHMS	Shillong
4.	Types of Assessment and its Importance	Basic course workshop in Medical Education Technology	27 th March, 2015	NEIGRIHMS	Shillong

Dr. Sarah Ralte:					
Sl No.	Title of talk	Name of the CME/Conference	Date	Venue	City
1.	'e-Learning Resources in Medical Education'	Medical Education Unit, NEIGRIHMS	21 st August, 2014	NEIGRIHMS	Shillong

List of oral paper/posters presented

Sl No.	Author/Faculty	Title of presentation	Name of the Conference	Date	Venue	City
1.	Dr. Sarah Ralte	A case report of pyramidal lobe of thyroid gland and its clinical implications	62 nd NATCON ASI 2014, Imphal	19 th November, 2014	RIMS (Regional Institute of Medical Sciences)	Imphal
2.	Dr. Sarah Ralte	A case report of pyramidal lobe of thyroid gland and its clinical implications	3 rd Annual Day of NEIGRIHMS	4 th March, 2015	NEIGRIHMS	Shillong

Departmental Project/ PG thesis:Ongoing

Sl	Title of project/PG thesis
1.	Teratological Effect of Levitiracetam on Pregnant Albino Mice.
2.	A Cytogenetic Study by G-Banding Karyotyping and Interphase Fluorescence in Situ Hybridization (FISH) on the Products of Conception in patients with adverse Obstetric Outcome (Spontaneous Abortions, Recurrent Miscarriages, Unexplained IUFDs) among the Women Population of Meghalaya – A First Hand Experience from NEIGRIHMS, Shillong. (Submitted to DBT; Currently in the process of Review by Task Force Committee as of 8 th June, 2015))

Patient Care / Supportive Activities:

The department has provided embalming services to the dead patients on request of Higher Authority of Institute for transportation of 'body' to their home town.

Awards, Honours and significant events:

Asima Bhattacharyya

- Elected in the Editorial Board of Indian Journal of Clinical Anatomy and Physiology.
- Chairperson in the CME cum Seminar on “Clinical Relevance of Autonomic Function Tests”, held in NEIGRIHMS on 13th June, 2014.
- Chairperson of two scientific sessions on “Gross Anatomy” in the 62nd NATCON–ASI, 2014.
- Chairperson of Internal screening Committee of faculty at NEIGRIHMS.
- Chairperson of the Technical Evaluation committee for the procurement of instrument for the Department of Anatomy, Ophthalmology, E.N.T and Forensic Medicine of NEIGRIHMS.
- Chairperson/Judge for the “Scientific Presentation of PG students” on 3rd Annual day celebration of NEIGRIHMS, Shillong, held on 4th March, 2015.
- Centre Superintendent in conducting the written examination for the post of Public Health Nurse.....etc. at NEIGRIHMS.
- Members of the various committees of the Institute (MBBS and Postgraduate counselling committee, Board of studies of professional courses, Library committee, Animal ethics committee, screening committee etc).
- External examiner for MBBS, MD & B.SC Nursing Examination in subject Anatomy in various Medical colleges in India.

Amitav Sarma

- Founder Life Member of “International Journal of Health Research and Medicolegal Practice”
- Life member of “Indian Society for Study of Reproduction and Fertility”
- Co- secretary of Scientific & Publication committee of 3rd Annual day celebration of NEIGRIHMS, Shillong. March 5th, 2015.
- Invited as a Faculty in “Basic Course Workshop in Medical Education Technology” held in NEIGRIHMS from 26th-28th March, 2015
- Nodal Officer for e-counselling of the P.G. & U.G. seat allotment against All India Quota at NEIGRIHMS e-counselling centre.
- Member of Institute Medical Education Unit.
- Member of “Technical Evaluation committee” for purchase of equipments for the Department of Anatomy.
- Internal Examiner for the First Professional MBBS Examination.
- External Examiner for First Professional MBBS Supplementary Examination held in Barpeta Medical College under Srimanta Sankaradeva University of Health Science, Guwahati, in September, 2014 and First Professional BPT Examination held in CPMS, Guwahati under Guwahati University, Guwahati, in May, 2014.

Dr. Sarah Ralte

- Member of editorial board for six American indexed peer reviewed journals.

1. "International Journal of General Medicine Research and Public Health" published by Institute of Research Engineers and Doctors (IREED), based in Santa Barbara, California, USA.
 2. "International Journal of Infections and Drug Resistance" published by Institute of Research Engineers and Doctors (IREED).
 3. "Microscopy Research" journal published by Scientific Research Publishing, based in Delaware, USA.
 4. "Forensic Medicine and Anatomy Research" journal published by Scientific Research Publishing, based in Delaware, USA.
 5. Austin Journal of Anatomy, published by Austin Publishing Group, New Jersey.
 6. Austin Journal of Forensic Sciences and Criminology, published by Austin Publishing Group, New Jersey
- Conferred the title of "Silver Contributor" from the American Association of Anatomists" as of 8th June, 2015.
 - Selected Biographee in the "32nd Edition of Marquis who's who in the World – 2015".
 - Member of "International Scientific Committee for 1st International Microscopy Image Contest (IMIC 2015)", organized by the Dept. of Mining and Metallurgical Engineering, Amirkabir University of Technology, Tehran, Iran.

 - Member of Organizing Committee of Regional CME cum Conference organized by Dept. of Physiology, NEIGRIHMS.
 - Member of "Anti-Ragging Committee".
 - Member of "Technical Evaluation committee" for purchase of equipments for the Department of Anatomy.



DEPARTMENT OF BIOCHEMISTRY

FACULTY:

Post	Sanctioned	Current status	Name
Professor & Head	1	-	Vacant
Associate Professor	1	1	Dr. Alice Abraham Ruram
Assistant Professor	2	2	Dr Chandan Kumar Nath Dr Happy Chutia

Highlights:

The Department of Biochemistry became a fully functional department in July 2008. The department is recognized for teaching of undergraduate, medical research, patient care and training. The department conduct lectures and practical exercises for the undergraduate medical (MBBS), and undergraduate

Nursing classes. The department also runs the 24 hrs/day clinical biochemistry lab providing uninterrupted and unremitting service to the patients visiting NEIGRIHMS.

An average more than 300 patients visit the clinical biochemistry laboratory per day for various clinical investigations. Around 2000 to 2500 numbers of various biochemical tests are performed per day. Apart from teaching and patient care the department is also involved in various research activities. The funding for research is obtained from research grants from intramural sources and National funding agencies.

Education:

The faculty and the resident doctors of the Department of Biochemistry are actively involved in conducting both theory and practical classes to the MBBS students. Tutorials as well as Periodic Internal Assessments through Semesters are also done to assess the progress of the students.

Besides the academic activities in the institution, the faculties are also involved in conducting 1st MBBS examinations, BDS examination in other medical colleges or institutions as external examiner.

The Department is also actively involved in tutoring students enrolled in the institution via Theory for B.Sc. Nursing course including Periodic Internal Assessments through Semesters.

The Department is yet to start the postgraduate M.D.(Biochemistry course) but the faculties are involved in training the post graduate students from other lab departments in the field of clinical biochemistry and being a co guide for their thesis work.

The Department also takes part in the different institutional and regional academic activities on a regular basis for the development of medical man power in the region as per the mandate of the institute.

CMEs/ Workshop/Symphosia /National and international conference

The Department has organized a CME on “clinical laboratory quality management system: road to accreditation” held on 20th may 2014.

Lectures delivered at CMEs, National and international conference

Types of Data by Dr Chandan at DBT funded Symposia on Research Methodology and Biomaterials for Human applications for Clinical Translational Research in NEIGRIHMS on 20-21st March 2015

List of oral papers/posters presented

Sl.	Authors	Title of presentation	Name of the conference	Date	Venue	City
1	Dr Happy Chutia	Association of serum magnesium deficiency with insulin resistance in type 2 diabetes mellitus.”	ACBICON2014(December) .	December)	AIIMS	Jodhpur,AIIMS

Research/Funded project/Ongoing

S No.	Title of the Project	Name of the Principal Investigator	Funded by	Duration	Start year End year	Total Fund Sanctioned
1.	Study of glucose 6 phosphate dehydrogenase deficiency &G6PD gene polymorphism with reference to G6PD B & G6PD (A ⁺ /A ⁻)genotype in patient treated for malaria in NEIGRIHMS –	Dr Chandan Kr Nath	DBT	3 years	April 13- March 16	2.34 crore for all combined 7 projects in institute
2.	Early detection of kidney injury due to broad spectrum antibiotics use in critically ill	Dr Chandan Kr. Nath	DBT	3years	April 13- March 16	2.34 crore for all combined 7 projects in

patients with reference to cystatin C & neutrophil gelatinase associated lipocalin funded by DBT						institute
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Completed

S No.	Title of the Project	Name of the Principal Investigator	Funded by	Duration	Start year End year	Total Fund Sanctioned
1.	Study of iodine deficiency disorders and abnormal thyroid function test in pregnant women and their neonates in NEIGRIHMS	Dr Alice A. Ruram	ICMR	3 years	July 2012-july 2015	Rs 4,00,000/-

Departmental project (including thesis/dissertation):Ongoing

S. No	Title of the Project
1	An evaluation & correlation of prostate density measurement with percentage of free PSA in patients with BPH suspected of carcinoma
2.	<p>DM Cardiology Thesis</p> <p>1.Inflammatory markers as predictors of outcome in peripartum cardiomyopathy</p> <p>2. The impact of low level HDL on clinical outcomes in acute coronary syndrome patients undergoing percutaneous coronary intervention.</p> <p>3.To study thyroid profile in patients of A.C.S.</p> <p>4. Association between microalbuminuria and severity of CAD in non-diabetics.</p>

Completed

S. No	Title of the Project
1.	Study of Thyroid profile status of MDR TB patients under DOTS Plus treatment in East Khasi Hills district of Meghalaya. (Intramural project)

Completed

S. No	Title of Project	Collaborating Department /Institution
1	Childhood obesity in India : A multicentric study on measurements and determinants funded by ICMR	INCLIN involving AIIMS (NewDelhi), NIN,Hyderabad etc.

Patient Care:

Clinical Chemistry Laboratory:

The Department of Clinical Biochemistry offers diagnostic support to the physicians to provide a good clinical service. At present nearly 80 different biochemical tests are done. Apart from routine tests, hormone assays, viz., thyroid, fertility, renal, tumor markers, renal stone analysis, serum protein electrophoresis are done. Furthermore the Biochemistry Laboratory is also routinely conducting biochemical analysis of Urine and various other fluids such as cerebrospinal fluid, peritoneal fluid, etc. Tests like Quantitative CRP, Glycated hemoglobin, IL-6, Iron and vitamin D were introduced this year.

The Clinical Biochemistry Laboratory is also actively involved in stringent Quality Control Programs. Third party Internal Quality Control as per the guidelines of ICMR and Quality Council of India are done on a regular basis to verify and validate the reports generated in the Clinical Biochemistry Laboratory. Moreover the department is also participating in an External Quality Control program (EQAS) of Association of Clinical Biochemists of India (ACBI) conducted by Christian Medical College, Vellore.

The Department of Biochemistry is well equipped with automated clinical equipments that are required for high-quality Clinical Laboratory. Some of the equipments that are at hand in the Clinical Biochemistry Laboratory are:-

- ❖ Fully Automated Wet Clinical chemistry analyzers (Beckman Coulter, Olympus AU2700 plus)
- ❖ Fully Automated Wet Clinical chemistry analyzers (Beckman Coulter, AU 480)
- ❖ Fully Automated Dry Clinical chemistry analyzer (Johnson's and Johnson's, Vitrous Chemistry 4600)
- ❖ Fully Automated Clinical chemistry analyzers (Transasia Erba XL-600 and Erba 300)
- ❖ Fully automated Chemiluminescence's system (Beckman Coulter, Access 2)
- ❖ Fully automated Chemiluminescence's system (Beckman Coulter, DXI 800)
- ❖ ELISA Processor (Mago 4 from Dia Medix)
- ❖ Fully automated electrophoresis system from Helena Bioscience with SAS-1 and SAS-2
- ❖ Semiautomatic clinical chemistry analyzers

- ❖ Semi automated electrolyte analyzers from Eschweiler combiline
- ❖ Automated electrolyte analyzer from Caretium
- ❖ Clinical centrifuge
- ❖ Water purification system (Milipore Elix 3 and Mili Q)
- ❖ Water purification system (Milipore Elix-70)
- ❖ Water purification system (Thermofisher Maxi Tower plus)

DEPARTMENT OF CARDIOLOGY

FACULTY:

Post	Sanctioned	Current status	Name
Professor & Head	1	1	Dr Animesh Mishra
Associate Professor	1	1	Dr Manish Kapoor
Assistant Professor	2	1	Dr Amit Malviya

DM Cardiology course was started in the year 2012 with annual intake of 2

STATISTICS

OPD	ECG	Echo	TMT	Holter	Cath Lab
17030	13838	10678	809	941	1361

Bed Occupancy: -

Intensive Coronary Care Unit (ICCU) : 83.06%

Ward : 75.42%

DETAILS CATHETERIZATION LAB PROCEDURES

Sl No	Name of the Procedures done	TOTAL
DIAGNOSTIC PROCEDURES		
1	CAG/ Check Angio	715
2	Renal Angiogram	170
3	Aortogram/ Peripheral Angio	23
4	RHS	-
5	Venogram	-
6	Cath Study	32

7	LV Angio/ RV Angio	03
Total		943
THERAPEUTIC PROCEDURES		
1	Angioplasty/PTCA	223
2	BMV	20
3	Coarctation Balloon Dilatation	-
4	ASD Closure	04
5	TPI	77
6	PPI	45
7	Peripheral Angioplasty	02
8	IVC Filter	01
9	CRT	05
10	PDA Closure	08
11	POBA	14
12	PVBD	05
13	PTRA	05
14	AICD	06
15	RSOV	-
16	Coil Embolization	03
17	Pericardial Taping	-
18	Combo Device	-
GRANT TOTAL		418

Diagnostic Procedure = 943 (+) 418 = Therapeutic Procedure = 1361 Nos.

In the field of preventive and promotive cardiology, the department of Cardiology has spearhead in the North Eastern Region by deliberations through **Prasar Bharati Shillong Doordarshan, All India Radio (AIR), National Informatics Centre (NIC) Ministry of Communications and Information Technology, Govt of India**, Workshops, lectures in Government & Private

Colleges and University, Para-Military Forces, etc since 2007. Department of Cardiology is catering patients from all North East, Eastern India and neighboring countries like Bangladesh, Nepal, Burma etc.

Department of Cardiology is also participating routinely in various health activities of the region through **Radio/Television talks, Health camps, CMEs** and awareness talks through various Government and public forums.

Administrative, Clinical, Teaching, Research & Academic activities related to faculty of Cardiology Deptt.,:-

On the Administrative side

1. Dr Animesh Mishra (Professor & HoD)

A. SUB- DEAN (SUPER SPECIALTY), NEIGRIHMS, Shillong from February, 2015.

B. CHAIRMANSHIP

- a) Medical Education Unit of NEIGRIHMS, Shillong since 2013.
- b) Technical Evaluation Committee for the procurement of high-end equipments for different departments like Cardiology, CTVS of the institute.
- c) NEIGRIHMS Annual Day Celebration 2015

C. EXAMINERSHIP

- a. Clinical Cardiology, Viva Voce & Thesis Examiner for DM Cardiology Entrance at IMS, Banaras Hindu University for the session 2014 - 2015.
- b. Clinical Cardiology, Viva Voce & Thesis Examiner for DM Cardiology Entrance at NEIGRIHMS, Shillong since 2014- 2015 till date.

D. EDITORSHIP;-

- a. Sub - Editor of Indian Heart Journal since February, 2015
- b. Editor of Indian Society of Cardiology for a period of 3 years w.e.f January, 2012)

E. MEMBERSHIP OF IMPORTANT COMMITTEES;-

- a). Board of Studies of NEIGRIHMS, Shillong since the session 2012 - 13.
- b). Board of Studies of Cardiology in IMS Banaras Hindu University, Varanasi since 2013.
- c). Awakening Detox cum Restoration Center, Madan Thangsning, East Khasi Hills since April, 14
- d) Committee to study/revise/update the draft proposal on the subject "To make NEIGRIHMS an autonomous Institution through an Act of Parliament"
- e). Committee to study/revise/update the draft proposal on the subject "To make NEIGRIHMS an autonomous Institution through an Act of Parliament".
- f). Committee for maintaining of Log Book for grant of conveyance Allowance for Faculty Members/Medical Officers of NEIGRIHMS, Shillong
- g). Technical Evaluation Committee for the procurement of equipments of Cardiology and CTVS Department, NEIGRIHMS, Shillong
- h). Committee for Reforms of utilization of Rastriya Swasthiya Bima Yojana Scheme at NEIGRIHMS (w.e.f August, 2012)
- i) Selection Board for Group B post in the institute (NEIGRIHMS) on different occasions for recruitment of SRDs.
- j) Hospital Council Meeting of NEIGRIHMS, Shillong since 2013.

- k) Library Committee, NEIGRIHMS, Shillong
- l) Inter-Departmental Academic Consultative Group of NEIGRIHMS, Shillong
- m) Medical Board Committee for reimbursement
- n) Technical Evaluation Committee of different disciplines.
- o) Drugs/Consumables quality Assurance Committee of NEIGRIHMS (w.e.f June,2010)

B. Dr Manish Kapoor

- 1. I/c Cardiology Department, NEIGRIHMS as and when asked for.
- 2. Deputy Medical Superintendent, NEIGRIHMS, Shillong as and when asked for.
- 3. I/c Emergency & Casualty, NEIGRIHMS, Shillong as and when asked for.
- 4. Warden, Boy's Hostel at NEIGRIHMS Campus since 2013.
- 5. Member of the Technical Evaluation Committee for purchase of Electrophysiology Machine.
- 6. Member of the Technical Evaluation Committee for purchase of IVUS.
- 7. Member of the Technical Evaluation Committee for purchase of ROTA.
- 8. Member of the Technical Evaluation Committee for purchase of 3D Echocardiography.
- 9. Member of Sub Committee of MEU for Orientation Programmes of MBBS / PG
- 10. Member of several important committees of the institute.

C. Dr Amit Malviya

- 1. I/c Head Department of Cardiology, **NEIGRIHMS, Shillong as and when asked for.**
- 2. Attended as Expert for the Selection of SRD Post of Cardiology, NEIGRIHMS
- 3. Co-opted Member of the Technical Evaluation Committee for purchase of Electrophysiology Machine.
- 4. Co-opted Member of the Technical Evaluation Committee for purchase of IVUS.
- 5. Co-opted Member of the Technical Evaluation Committee for purchase of ROTA.
- 6. Co-opted Member of the Technical Evaluation Committee for purchase of 3D Echocardiography Machine.
- 7. Co-opted Member of the Medical Education Committee of NEIGRIHMS.

On the Academic side, the following are the participation and contributions in National/ Regional Conferences –

A. Dr Animesh Mishra (Professor & HoD)

- 1. Chaired a session on “Lead Infections : Diagnosis & Treatment” at the XVI International Symposium on Progress in Clinical Pacing held at Rome, Italy on and from 2nd to 5th December, 2014.
- 2. Delivered a lecture on “Hypoglycemia and Cardiac Consequences” at the 19th Annual Conference, North Eastern Diabetes Society at Shillong on 11th October,2014.
- 3. Actively involved as Course Director at the “Innovation in Intervention Cardiology Summit” (IIC Summit) on 6th September, 2014 at Hotel Oberoi, Gurgaon, Haryana.
- 4. Delivered a guest lecture on “Warfarin versus newer anticoagulants : which one to choose” at the 9th Annual Conference of Indian Society of Cardiology on 26th September,2014 organized by Indian Society of Cardiology-In association with Global Health City, Chennai.
- 5. Delivered a guest lecture on “Deep Vein Thrombosis – State of the art management in 2014” at the 9th Annual Conference of Indian Society of Cardiology on 26th September,2014 organized by Indian Society of Cardiology-In association with Global Health City, Chennai.
- 6. Participated as Guest Faculty at the CME on “Pharmacovigilance” on 28th June, 2014 organized by Department of Pharmacology, NEIGRIHMS, Shillong.

7. Chaired a session on “Live Case / Lecture” at the IJCTO - 2014 on 7th June, 2014 at Hyderabad, International Conventional Centre (HICC).

B. Dr Manish Kapoor

1. Chairing a session at the 66th Annual Conference of Cardiological Society of India 2014 at Hyderabad
2. Delivering a Guest Lecture at the Hypertension Summit at Guwahati on June, 2014
3. Delivering a Guest Lecture at the CTVS Conference at Guwahati on July, 2014
4. Delivering a talk on Professionalism at the Medical Education Unit at NEIGRIHMS – Orientation Programme for 1st year Post Graduate & Post Doctors (MD/MS & DM) students on 23rd July, 2014

C. Dr Amit Malviya

Health Heart and Lifestyle at Mokokakchung, Nagaland in November, 2014

1. Heart Disease and risk factors at BSF Annual CME, Umpling, Shillong 2014.
2. Orientation programme for first year : Cath Lab and Coronary Unit, Medical Unit – November, 2015

***Involvement in organizing CME/ Conferences/Seminars/Symposia/ Training Course/ Workshop during 1st of April, 2014 – 31st March, 2015 by the Faculty or Department of Cardiology, NEIGRIHMS**

Sl No	Name of the Activity	International/national/ Regional/Departmental	Dates Conducted From To	Organizer/Co-organizer /member of organizing Committee
1	4th NEIGRIHMS ANNUAL DAY a) Paper Presentation b) Research Scholar c) Award Ceremony	(Institutional) National	5 th March, 2015	Dr Animesh Mishra Chairman
2	Workshop on “ Innovation in Intervention Cardiology Summit ” (IIC Summit) at Hotel Oberoi, Gurgaon, Haryana	International	6 th September, 2014 (6.00 pm)	Dr Animesh Mishra Course Director
3	Seminar on Medical Ethics at NEIGRIHMS graced by Hon’ble Justice Giridhar Malaviya (Retd) through his scintillating and thought provoking oration as Chief Guest	National	21 st March, 2015	Department of Cardiology
4	Holistic Seminar on “ Heart is, what is our mind – Our health is in our mind ”. Speaker -Dr Shrimant Kumar Sahu Global Hospital and Research Centre, Mount Abu (Raj)	Workshop	20 th June, 2014 at NEIGRIHMS	Department of Cardiology

DEPARTMENT OF COMMUNITY MEDICINE

FACULTY

Post	Sanctioned	Current status	Name
Professor	1	1	Prof. Dr. Sajida Ahmed

Associate Professor	1	1	Dr. Star Pala
Assistant Professor	1	1	Dr. Himashree Bhattacharyya

Highlights:

The main activities of the department are teaching of MBBS students including interns. Also Health talks on various topics are delivered by the staffs of the department which are relevant to the epidemiology of disease morbidity in the area on a periodic basis. Conduct school health program in areas around NEIGRIHMS. A joint visit to Bhoirymbong CHC by NEIGRIHMS and Health Department Government of Meghalaya was held on the 3rd June 2014 for setting up of a new Rural Health Training Center for rural training of MBBS doctors.

Education:

MBBS course from 1st to 7th Semester and 2 months compulsory internship at Rural Health Training Center at Sohiong CHC. Health Education on various topics delivered as part of field practice areas.

Lectures delivered at CMEs, National and International Conferences

Sl. No.	Title of talk	Name of the CME/Conference	Date	Venue	City	Faculty
	“Introduction to Research Methodology” and Statistical Analysis	Orientation Program for Post Graduate and Post Doctor’s	23 July 2014	Medical Education Unit, NEIGRIHMS	Shillong	Dr. Star Pala
1	WASH and Health: its effect and impact	SWACHCHH Assam Mission: WASH communication Plan Assam (with support of UNICEF)	25-8- 2014	WDC, Kharguli	Guwahati	Dr. Sajida Ahmed
2	Health Economics	1 st North East Zonal Conference of IAPSM	25-27 September 2014	Assam Medical College (AMC), Dibrugarh	Dibrugarh	Dr. Star Pala
3	Overview of field operations and associated preparedness for Bio behavioural data collection	Field training on IBBS	14/10/2014	Hotel Sunview, Guwahati	Guwahati	Dr. Sajida Ahmed
4	Informed consent	Refresher training of Health teams on IBBS	16/10/2014	Hotel Sunview, Guwahati	Guwahati	Dr. Sajida Ahmed
5	Ethical considerations, community	Pre-survey sensitization meeting with TI on IBBS	28/10/2014	Pasteur inst., Shillong	Shillong	Dr. Sajida Ahmed

	preparation and AE management under IBBS					
6	IDD	Global IDD prevention Day, NIDDCP	14-11- 2014	Hotel Pragati Manor, Christianbasti	Guwahati	Dr. Sajida Ahmed
7	Recent advances and approaches in the control of IDD	Two days Zonal (East) level review on the implementation of National Iodine Deficiency Disorder Control Program	06-02-2015	NRHM Complex,	Guwahati	Dr. Star Pala

List of oral papers/posters presented

Sl. No.	Authors	Title of presentation	Name of the Conference	Date	Venue	City
1	Dr. Himashree Bhattacharyya, Dr. Bhanu Pratap Singh Gaur.	Knowledge, attitude and practices regarding infant feeding practices among women residing in East Khasi hills district of Meghalaya	National Academy of Medical Sciences Conference (NAMSCON)	October 2014.	AIIMS, Rishikesh.	Rishikesh.
2	Dr. Star Pala Dr. Himashree Bhattacharyya	Prevalence of Anemia in Meghalaya	Annual Research Presentation	4 th March 2015	NEIGRIHMS	Shillong

Research

Funded project:Ongoing

Sl. No	Title of the Project	Name of Principal Investigator	Funded by (Name of funding agency)	Duration (year)	Start year- End year	Total funds sanctioned (Rs.)
1	Comparison of family member versus non family member DOT providers among new TB cases in Shillong	Dr. Star Pala	State TB Cell, Meghalaya with funding from CTD, MoHFW.	1 year	2015-2016	Rs.1,80,000/-

Completed

Sl. No	Title of the Project	Name of Principal Investigator	Funded by (Name of funding agency)	Duration (year)	Start year- End year	Total funds sanctioned (Rs.)
1	Health Facility Survey in Meghalaya	Dr. Star Pala	Regional Resource Center (RRC), MoHFW, GOI, Guwahati	2013-14	2013- 2014	Rs, 5,00,000/-

Departmental projects (including thesis/dissertations)

Ongoing

S.No.	Title of project
1	Opioid overdose: knowledge and practices among health care providers in Meghalaya.

Collaborative Projects

Ongoing

S.No.	Title of Project	Collaborating department/institution
1	Implementation of GFATM HIV-IDU Grant for RTTC NEIGRIHMS from January 2012 till date (for training of Doctors and nurses working in IDU-TI). Ongoing till September 2015	Emanuel Health Association (EHA) as PR, GFATM HIV-IDU Grant Round-9
2	Screening of Hearing Disorders in India: A Multi-center study by ICMR, India.	Dr. Bryan Shunyu, Associate Professor, Dept. of ENT, NEIGRIHMS.

Completed

S.No.	Title of Project	Collaborating department/institution
1	Coordinate for the Household Malaria Survey in Meghalaya.	NIHFW, New Delhi during July-September 2014

Patient Care:

Rural Health & Training Center, at Sohiong CHC, daily OPD and emergency facility provided by interns and supervised by Lady Medical Officer & Senior Resident doctors. A total of 208 patients were consulted in urban areas and 3552 patients under Rural Health & Training Center at Sohiong CHC. The above services are provided by Lady Medical Officer/Senior Resident & Interns posted at respective areas.

Educational activities

Sl. No.	Activity	Date	Venue	Faculty
1	Poster competition cum exhibition on the occasion of World Health Day ,	7 th April 2015	NEIGRIHMS	Dr. Star Pala & MBBS students

Other activities

Sl. No.	Activity	Date	Venue	Faculty
1	State level workshop on Menstrual Hygiene	18/2/2014 to 20/2/2014	Guwahati	Dr. Sajida Ahmed
2	Regional ToT on IBBS	31/3/2014 to 6/4/2014	NICED, Kolkata	Dr. Sajida Ahmed
3	Training of National assessors of cold chain, MoHFW, GoI	28/4/2014 to 29/4/2014	New Delhi	Dr. Sajida Ahmed
4	Field training on IBBS	28/4/2014 to	Guwahati	Dr. Sajida Ahmed

		29/4/2014		
5	Field training on IBBS	9/5/2014 to 11/5/2014	Guwahati	Dr. Sajida Ahmed
6	NCD workshop organized by WHO & MoHFW	22/5/2014 to 23/5/2014	New Delhi	Dr. Sajida Ahmed
7	National Cold Chain Assessment 2014	2/6/2014 to 6/6/2014	Guwahati & Nagaon, Assam	Dr. Sajida Ahmed
8	Field visit on IBBS	18/6/2014	Khliehriat, Jowai	Dr. Sajida Ahmed
9	Convention on Youth for child Rights	12/9/2014 to 13/9/2014	Guwahati	Dr. Sajida Ahmed
10	Pre survey sensitization meeting with TI on IBBS	28/10/2014	Pasteur inst., Shillong	Dr. Sajida Ahmed
11	Attended 1 st North East Zonal Conference of IAPSM	25-27 September 2014	Assam Medical College (AMC), Dibrugarh	Dr. Sajida Ahmed & Dr. Star Pala
12	Field Training on IBBS	14/10/2014 to 19/10/2014	Guwahati	Dr. Sajida Ahmed
13	Global Iodine Deficiency Disorders Prevention day 2014	14/11/2014 to 15/11/2014	Guwahati	Dr. Sajida Ahmed
14	Orientation workshop on Reproductive and Adolescent Health	27/11/2014 to 28/11/2014	Dhubri and Kokrajhar, Assam	Dr. Sajida Ahmed
15	Workshop on development of Key messages on Nutrition for elementary school Education	25/11/2014	Guwahati	Dr. Sajida Ahmed
16	Workshop on Reproductive and Adolescent Health	8/12/2014 to 9/12/2014	Golaghat and Nagaon, Assam	Dr. Sajida Ahmed
17	National Pre-HIV sentinel surveillance for 2014 & 2015	18/12/2014 to 20/12/2014	New Delhi	Dr. Sajida Ahmed
18	National Pre-HIV sentinel surveillance for 2014 & 2015	18/12/2014 to 20/12/2014	New Delhi	Dr. Star Pala
19	HIV Sentinel surveillance for 2014 & 2015	10/2/2015 to 21/2/2015	Uttarakhand	Dr. Sajida Ahmed (as Central Team Member)
20	HIV Sentinel surveillance for 2014 & 2015	9-14 March 2015	Mizoram	Dr. Star Pala (as Central Team Member)
21	Meeting on development of Key messages on Nutrition for elementary school Education (SCERT)	10-11 March 2015	Guwahati	Dr. Sajida Ahmed
22	Basic Course in Medical Education Technologies	26-28 March 2015	NEIGRIHMS Shillong	Dr. Star Pala
23	External Supervisor in National IDD and Salt Intake Survey conducted by NIELSEN and ICCIDD, Center for Community Medicine, AIIMS New Delhi	21-27 April 2015	Garo Hills and East Khasi Hills Meghalaya	Dr. Star Pala Dr. Apurba Marak

Health Camps

Participated in the Health Awareness Camp cum Outreach session at Pynter East Khasi Hills organized by the Mobile Medical Unit (MMU), East Khasi Hills (Govt. of Meghalaya) on 24th April 2014. A total of 265 patients attended the camp.

Participated in the Health Awareness Camp cum Outreach session Mobile Health Outreach session at Nonghulew village under Jatah PHC on the 14 May 2014 organised by the Mobile Medical Unit, East Khasi Hills, Govt of Meghalaya. A total of 245 patients attended the camp.

Participated in the Health Awareness Camp cum Outreach session at Kriet village under Sohiong CHC on the 26 May 2014 organized by the Mobile Medical Unit, East Khasi Hills, Govt of Meghalaya. A total of about 200 patients attended.

Medical Camp was conducted in collaboration with Women's Fellowship of the Lumparing Presbyterian Church on the 5th July 2014. Facilities like portable ultrasound, ECG etc were also provided. A total of 250 patient attended the camp.

Participate in the Health Awareness Camp cum Mobile Medical outreach Session organized by Mobile Medical Unit, District Medical & Health Office, East Khasi Hills, Shillong at *Nongri* under Mawkliaw PHC, East Khasi Hills on the 17th March 2015.

Eight school health programs conducted during the financial year.



DEPARTMENT OF CARDIO THORACIC & VASCULAR SURGERY

FACULTY

Post	Sanctioned	Current status	Name
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Professor & HOD	1	1	Dr. Manuj Saikia
Associate Professor	1	-	-
Assistant Professor	2	1	Dr. Jyoti Prasad Kalita

PRESENT FACULTIES:

Professor A.G Ahangar : Director NEIGRIHMS.

Dr. Manuj Saikia, Mch (AIIMS): Professor & HOD.

Dr. Jyoti Prasad Kalita, Mch (CMC, Vellore): Assistant Professor.

INTRODUCTION:

The department of CTVS has been functioning since February 2007. The department runs OPD services in all week days i.e from Monday to Saturday. The services provided are Out patient and In patient including a 30 bedded ward and 10 bedded ICU.

For the first time in the North Eastern Region of this country, the department of CTVS, NEIGRIHMS, performed the open heart surgery in July 2008. This is the only Cardiac Surgery center in the state of Meghalaya where open heart surgeries are being conducted. It is the only central government center in entire North Eastern region to perform open Heart Surgeries on regular basis. The Department caters to the needs of the patients from entire eight states of North East and from neighboring state of West Bengal also, besides some from adjoining countries like Bangladesh, Myanmar, Nepal, Bhutan etc.

The department performs all forms of major open heart surgeries such as Adult cardiac surgery, Beating Heart CABG, Valvular Heart Surgeries, congenital Heart Surgeries and Vascular surgery like Aortic aneurysm, Peripheral vascular surgeries best in emergency / trauma.

Apart from these all thoracic and Lung surgeries are also performed in the Department.

Prof. A.G. Ahangar who is the Director of NEIGRIHMS is a well known cardiac surgeon. Presently, He has been conducting and contributing in the open heart Surgery perform at this centre especially in the field of Beating heart open Heart surgery

STATISTICS FOR PATIENT CARE ACTIVITIES:

NUMBER OF OUT PATIENTS ATTENDING IN OPD

New	Follow up	Total
561	727	1288

NUMBER OF IN-DOOR PATIENTS (WARD)

Male	Female	Total
156	98	256

INTENSIVE CARE

UNIT (ICU)

ADMISSION WITH DIAGNOSIS

SL. NO	ADMITTED WITH DIAGNOSIS	TOTAL NOS. OF ADMISSION
1.	VALVULAR DISEASE	47
2.	ATRIAL SEPTAL DEFECT (ASD)	14
3.	VENTRICULAR SEPTAL DEFECT (VSD)	2
4.	COMPLEX CONGENITAL DISEASE	9
5.	CAD – TVD	8
6.	PATENT DUCTUS ARTERIOSUS (PDA)	3
7.	PERICARDIAL DISEASE	3
8.	THORACIC	20
9.	VASCULAR	10
10.	OTHERS	5
11.	TOTAL	121

NUMBER OF OPERATIONS PERFORMED:

SL.No.	Operation performed	Total No.
1.	CABG	7
2.	CABG + AVR	1
3.	Bental procedure	2
4.	DVR	4
5.	AVR	13
6.	AVR with Mitral Valve Repair	1
7.	AVR + Tricuspid Valve Repair	1
8.	DVR with Tricuspid Repair	4
9.	MVR	19
10.	MVR + with TV Annuloplasty (CE Ring).	4
11.	MVR + Classical Devagus tricuspid Annuloplasty	1
12.	MV Repair + Pericardiectomy	2
13.	MV Repair with LA clot evacuation with LAA Ligation	1
14.	VSD	4
15.	Total correction of AVSD	1
16.	VSD with PDA ligation	3
17.	Total correction of Teratology of Fallot	5
18.	Pulmonary Thromboendarterectomy	1
19.	DORV correction	2
20.	Pulmonary Valvotomy	1
21.	ASD closure with Pericardial patch	15
22.	ASD closure + PDA	2

23.	ASD closure + Pulmonary Valvotomy	1
24.	ASD + VSD	2
25.	Translocation of RPA to MPA	1
26.	ASD Closure with Tricuspid Ring Annuloplasty	1
27.	LA Myxoma	2
28.	AAA (Abdominal Aortic Aneurysm) repair	2
29.	Embolectomy	1
30.	Thymectomy	4
31.	BT Shunt	3
32.	PDA Ligation	1
33.	Total Pericardiectomy	6
34.	Pneumonectomy	1
35.	Excision of mediastinal Tumour.	1
36.	Exploratory Thoracotomy	1
37.	Lobectomy	8
38.	Hybrid Procedure (AAA) Stenting	1
39.	Correction of abnormal origin of right pulmonary artery from ascending aorta on off pump	1
TOTAL		131

i. **Dr. Manuj Kr. Saikia, Professor & HOD.**

CONFERENCE /WORKSHOP/TRAINING ATTENDED:

1. “2nd comprehensive Emergency on Trauma Training workshop”, AIIMS New Delhi. 30th August – 6th September 2014.
2. “Advance Training Workshop of ECMO”, Alfred Hospital, Melbourne Australia. 8th – 11th October 2014
3. Conference on “Research Ethics & Human Research Protection Programme in Clinical Research”, Tata Memorial Centre, Mumbai. 7th – 8th November 2014

4. “MCI Basic Course workshop in Medical Education Technology at Regional Training Centre, KGMU, Lucknow. 4th – 6th December 2014.

ii. **Dr Jyoti Prasad Kalita, Assistant Professor**

Training and presentations

1. Pediatric and Congenital Heart Surgery – In Department of Pediatric and Congenital Heart Surgery unit in Escorts Heart Institute, New Delhi, from 01-05-14 till 14-05-14
2. Assam Cardiovascular and Thoracic Surgeons association 2nd Annual conference, 2014
Presentation – TOF with MAPCAs Surgical and Cardiac Interventional Management.
3. Assam Cardiovascular and Thoracic Surgeons association, Chapter meeting, Guwahati, September, 2014
Presentation – Management of case with VSD with aortic and Pulmonary Valve Vegetation

REGULAR ACADEMIC ACTIVITIES:

- Teaching of post graduate general surgery trainee.
- MBBS Theory Classes
- Nursing Classes
- Departmental Clinics
- Combine CTVS and Cardiology case Presentation & Angio Meet.

INSTITUTIONAL RESPONSIBILITY:

- Member – Technical Committee
- Member – Scientific Research Proposal
- Associate Editor – NEIGRIHMS Journals of Health & Medical Sciences.
- Member - Institute Ethical committee (IEC) (Internal)
- Member - Hospital Council, NEIGRIHMS.
- Member - Board of studies for professional course, NEIGRIHMS.
- Member – UTP Committee.

DEPARTMENT OF DENTISTRY

FACULTY

Post	Sanctioned	Current status	Name
Professor	1	-	Vacant
Assistant Professor	1	1	Dr.Lomtu Ronrang

Dental Officer : 2 (Two)

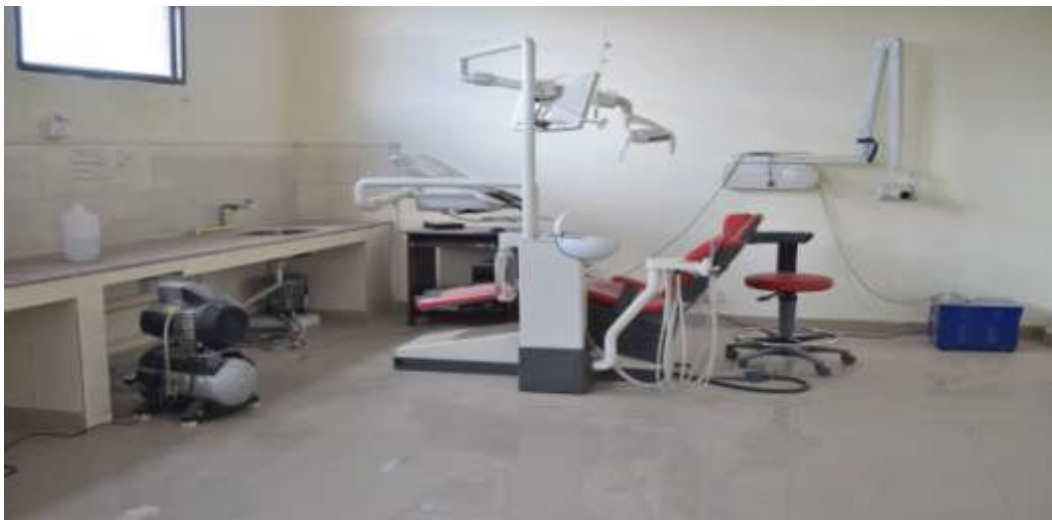
NUMBERS OF OUT-PATIENT AND IN-PATIENT ATTENDED IN DENTAL OPD

FEMALE-NEW	MALE-NEW	FEMALE-OLD	MALE-OLD	REFERRED	(IN-PATIENT) CASE ATTENDED IN DIFFERENT WARDS	TOTAL NO.OF PATIENT
1830	1866	3041	2538	587	172	10078

DEPARTMENT DENTISTRY: NUMBERS OF OUT-PATIENT AND IN-PATIENT TREATED IN DENTAL OPD, FROM (APRIL 2014 TO MARCH 2015)

MONTHS	<u>PROCEDURE PERFORMED</u>								
	Extraction	Pedo-Restorations GIC	IOPA	Pulpectomy	RCT	restorations composite/gic/miracle mix	Rpd/Denture Repair	Scaling according to number of sittings	Opercul-ectomy
TOTAL	594	154	305	103	407	1262	08	1048	03

NEW EXTENSION OF DENTAL OPD



DEPARTMENT OF DERMATOLOGY & STD

FACULTY

Post	Sanctioned	Current status	Name
Professor	1	-	Vacant
Associate Professor	1	-	Vacant
Assistant Professor	2	2	Dr. Shikha Dr. Binod Kumar Thakur

Out Patient Department:

Highlights: Routine OPD is run from Monday to Friday daily from 9:00 am to 4:00 pm and on Saturday from 9:00 am to 2:00 pm excepting holidays. An average of 90 to 100 patients is being seen daily.

Total number of patients seen in the OPD from April 2014 to March 2015

STATISTICS FOR THE YEAR APRIL 2014 TO MARCH 2015

New Cases	Old Cases	Referral Cases	TOTAL
5805	10114	3193	19112

SPECIAL OPD CLINICS: *The Department is running 3 special OPD clinics*

1. *STI (Sexually Transmitted Infections) Clinic:* Days: Everyday
2. *Psoriasis & Vitiligo clinic:* Days: Tuesday/Thursday/Saturday
3. *Hair Clinic:* Days: Every Friday

SPECIALIZED UNITS: *LASER unit, Dermatosurgery and Phototherapy units catering to the needs of patients with various skin disorders*

- ***LASER unit:***

New service started on March, 2015

LASER unit is equipped with Q switched Nd YAG LASER, Long pulsed Nd YAG LASER and Pulse Dye LASERS. Our centre is the only centre with pulse dye LASER in the whole Eastern India. (Laser have been installed in the Month of March 2015)

Statistics:

Month	LASER Procedure
March 2015	15
(Laser have been installed in the month of march 2015)	

- ***PHOTOTHERAPY UNIT:***

The department has state of the art phototherapy unit with the latest equipments: NBUVB whole body chamber, NBUVB Multiutility Phototherapy unit and NBUVB Comb.

Numbers of Patients receiving Phototherapy: 2904

- ***DERMATOSURGERY UNIT:***

The department has state of the art Dermatosurgery unit with the latest equipments for various types of dermatosurgeries especially vitiligo surgeries like punch grafting, suction blister grafting, split skin grafting, melanocyte suspension transfer etc are available. Most Micrographic surgery for skin cancer has also been done with flap reconstruction.

STATISTICS OF VARIOUS PROCEDURES DONE IN DERMATOSURGERY UNIT:

APRIL 2014 TO MARCH 2015

Procedures done	Total
Skin Biopsy- Excisional	65
Skin Biopsy-Incisional	4
Skin Biopsy-Punch	177
Electrosurgery	250
Lobuloplasty	-

Sclerotherapy	7
Punch Grafting for Vitiligo	9
Split Skin grafting for Vitiligo	1
Nail Surgery	14
Intra Lesional Therapy	409
Subcision	30
Tattoo Removals	58
Micro Needling	36
PRP	97
Scar Revision	1
Dermabrasion	3
Hair transplantation- FUT	2
Excision	24
Paring	80
Needle Extraction	27
Chemical Cauterisation	52
Chemical Peeling- TCA	21
Chemical Peeling-Salicylic Acid	2
Chemical Peeling- Glycolic Acid	55
TCA- CROSS	5
Podowart Application	48
I&D (Incision & Drainage)	10
Botulinum Injection	1
Marsupialization	
Laser	15
Total	1503

Education: Conducted classes of MBBS and BSc nursing as per allotted schedule. The classes includes both theory and clinical postings.

Faculty of the department are also resource person of various programmes like MBBS & PG orientation programme and Medical Education Workshop.

CMEs/Workshops/ Symposia/National and International Conference: (2014-2015)

Dr Binod Kumar Thakur:

CME:

- CME Clinical relevance of autonomic nerve testing, June 2014, Shillong
- CME Pharmacovigilance, June 2014, Shillong
- CME Clinical Laboratory quality management system, May 2014, Shillong

Workshops:

- Basics of good clinical practice, 2014
- Basic course workshop in Medical Education Technologies, March 2015
- BIOSTATISTICS Oct 2014

CONFERENCES:

- DERMACON 2015
- CUTICON NE states 2014
- ONYCHOCON 2014
- HAIRINDIA 2014

Dr Shikha:

CME:

- CME Clinical relevance of autonomic nerve testing, June 2014, Shillong
- CME Clinical Laboratory quality management system, May 2014, Shillong
- CME Pharmacovigilance, June 2014, Shillong

WORKSHOPS:

- Basic course workshop in Medical Education Technologies, March 2015

CONFERENCES:

- DERMACON 2015, Feb 2015
- CUTICON NE states 2014

Lectures delivered at CMEs, National and International Conferences

- Name of Faculty member: Dr Binod Kumar Thakur

Sl.No.	Title of talk	Name of the CME/conference	Date	City
<u>1</u>	Invited panelist for panel discussion on "Scarring Alopecia- How to deal"	DERMACON 2015	Feb 2015	Mangalore
<u>2</u>	Invited lecture "A clinicopathological study of subcutaneous mycoses from north east India"	International conference on Disease Biology and Therapeutics 2014	Dec 2014	Guwahati
<u>3</u>	" Clinical, trichoscopic and histopathological features of primary cicatricial alopecias: A retrospective observational study at a tertiary care centre of north east India"	CUTICON NE States 2014	Nov 2014	Kaziranga, Assam
<u>4</u>	Basic course workshop in Medical Education Technologies	Basic course workshop in Medical Education Technologies, March 2015	March 2015	Shillong
<u>5</u>	Academic research grant/ Scholarship and publication	Medical Education Technologies, For MD students	June, 2014	Shillong
<u>6</u>	Surviving MBBS guidelines	Medical Education Technologies, For MBBS students	Nov, 2014	Shillong

List of oral papers/posters presented

Sl.No	Authors	Title of presentation	Name of the Conference	Date	City

1	Dr Binod Kumar Thakur	Clinical, trichoscopic and histopathological features of primary cicatricial alopecias: A retrospective observational study at a tertiary care centre of north east India	DERMACON 2015 held at Mangalore.		Mangalore
2	Dr Binod Kumar Thakur	" Squamous cell carcinoma developing in a longstanding lesion of plantar lichen planus-A rare case report"	XI International Congress of Dermatology and DERMACON 2014		New Delhi
3	Dr Binod Kumar Thakur	"Hair Transplantation in secondary cicatricial alopecia"	International Congress of Trichology, HAIRINDIA 2014		Chennai
4	Dr Binod Kumar Thakur	" Clinical, trichoscopic and histopathological features of primary cicatricial alopecias: A retrospective observational study at a tertiary care centre of north east India"	3rd Annual Day, NEIGRIHMS	5 March 2015	Shillong
5	Dr Binod Kumar Thakur	Subungual glomus tumour	Onychocon, 2014	Sep 2014	Mumbai

Research

Departmental projects: Ongoing

Sl.no	Title of projects
1	A randomized, double-blind, placebo controlled, half-head study to evaluate the effects of platelet-rich plasma on androgenetic alopecia.
2	'Amateur Tattoo' removal by radiofrequency ablation: A retrospective observational study.
3	A randomized, single blinded, comparative study of efficacy of NBUVB alone and NBUVB in combination with low

	dose oral mini pulse in patients with progressive non segmental vitiligo.
4	Role of Dermoscopy in classification of melasma

Completed

Sl.No	Title of project
1	Clinical, Trichoscopic and histopathological features of primary cicatricial alopecias: A retrospective observational study at a tertiary care centre of north east India. PUBLISHED

Patient Care:

OPD services are open every day except sunday. A separate dermatology ward where patients of serious dermatological disorders like Pemphigus vulgaris, Toxic Epidermal Necrolysis, severe drug reactions etc are admitted.

Awards, Honour and significant events:

Dr Binod Kumar Thakur:

- Received **1st prize** in paper presentation at **Onychocon 2014**, Mumbai
- Received **2nd prize** in poster presentation in **ACSICON 2015**, Kolkata
- Received **1st prize** Best paper in oral presentation of **3rd Annual Day of NEIGRIHMS, 2015**
- Received **Academic excellence 3rd prize**, 3rd Annual Day of NEIGRIHMS, 2015
- Received **Imrich Sarkani Non European Memorial Scholarship**, Crakow, Poland, 2013

Dr Shikha:

- Received **Imrich Sarkani Non European Memorial Scholarship**, Crakow, Poland, 2013

DEPARTMENT OF EMERGENCY MEDICINE

1. MANPOWER:

Faculty: 1.

Dr. Bhaskar Borgohain, Associate Professor, Orthopaedics department, DMS & Faculty Incharge of Emergency department.

Casualty Medical Officers: 4.

1. Dr. Arnest Marbaniang,
2. Dr. Anna Juliet Momin,
3. Dr. Kevin Zodin Donoghue.
4. Dr. Kavitha Jain.

Junior Resident Doctors: 4.

Nursing Staff: Sister in charge: 1

Staff Nurses: 12.

Out source staff:

1. Emergency Medical Technician/Assistant: 1.
2. Computer Assistant: 1
3. Ward Attendants: 8.
4. Sanitation Attendants: 4.

2.AVAILABLE SPACE:

Present Emergency Area

- Red Area (Immediate priority)
- Green area (Urgent priority)
- Yellow area (Urgent but not immediate priority)
- Designated areas have been created for disaster management.
- Injection room in the previous space/cell allotted to UTPs.
- Trolley bay at the entrance
- Attendant waiting area at the entrance.

3. No. OF BEDS:

Number of beds: 24 Beds,
Trolleys: 5 nos
Mattresses (for multiple/mass casualties): 25

4. OVERVIEW OF THE EMERGENCY DEPARTMENT VISITS AND STATISTICS:

Total no. of patients attending the ED: **14787**
No of patients admitted from Emergency directly: **7003**
Percentage of admission: **47%**
Total no. Of Medicolegal case registered: **1060**

NUMBER OF CASES (Average Daily Attendance of Patients):40 patients per day on an average

5. EQUIPMENT STATUS:

SR. NO.	EQUIPMENT	PRESENT STATUS
1	Ventilator	7
2	Defibrillator	3
3	Cardiac Monitors	3
4	ECG Machine	1
5	Pulse Oximeter	2
6	Nebulizer Machine	2
7	Syringe Pumps	10
8	Baby Radiant Warmer	0
9	Electrolyte analyser machine	1
10	Suction Machine	9
11	ABG Machine	0
12	Resuscitation Trolley	3

13	Portable Ultrasound	0
14	Wall mounted cardiac monitors	0
15	Fluid Warmer	0
16	Blood Warmer	0
17	Telephone(Landline)	1
18	Telephone(intercom)	1

6. SERVICES AVAILABLE:

- 24x7 Emergency Patient care services
- Handling of MLC cases and utop cases.
- Facilities for 24x7 coverage patients by SRD & Consultant on call for direct patient care from different speciality and super speciality.
- Ambulance Services 24x7 for patients, employees of the institute as well as VVIP visitations.
- Emergency blood and radiological investigations.

7. INVESTIGATION FACILITIES AVAILABLE

- **Investigations done in the Emergency Room itself:**
 - Parascreen kit for Malaria/Parasite.
 - Urine Investigations: HCG KIT.
 - Random Blood Sugar.
 - Electrolyte estimation.
- **Investigations done in the laboratory, samples sent from ED:**
 - All emergency blood and urine investigations
- **Radiological Investigation:**
 - All urgent X-Rays, USGs, CT-Scans, MRIs

8. ACADEMIC ACTIVITIES:

- The Casualty Medical Officers successfully underwent and completed courses on BLSO (Basic Life Support in Obstetrics), PALS (Pediatric Advanced Life Support).

- One CMO, Participated in the Workshop on **“The New Trends and Best Practices in Managing Hospital Services”**, which included a session on **“Role of Disaster Management in Hospitals and Making Hospitals Safer to Internal and External Disaster”** at India International Centre, New Delhi, organized by the Advanced Management Institute (AMI), New Delhi.
- One CMO, participated in the training of **Trainers for Medical Officers** on **“Developing a Health Sector in dealing with Violence against Women cases looking specifically into Sexual Assault cases”**
- Two CMOs also Participated in the one day training on **“Rational Use of Blood”** at NEIGRIHMS, organized by the Meghalaya AIDS Control Society, Meghalaya State Blood Transfusion Council, in collaboration with Blood Bank, NEIGRIHMS.
- Two staff nurses from the Emergency Department had attended a conference and workshop on **“Basic Emergency Care, AUTLS, Personality development, Communication and presentation skill and Cost Effective use of technology in Emergency Health Care”** at New Delhi.
- One CMO had participated in a Workshop on **“The Registration of Births and Deaths”** organised by the Directorate of Health Services, Meghalaya, Shillong.
- A CMO had also participated in a Workshop on **“Multi Drug Resistant Tuberculosis”**, held at NEIGRIHMS, Shillong.

9. OTHER ACTIVITIES:

- Emergency department conducted a Mass Disaster Mock drill involving the whole hospital as part of state wide exercises on the 10th May 2014.
- Participated in the **Orientation Programme for the 1ST Year Post Graduate and Post Doctor(MD/MS/DM) students-2014** organized by the Medical Education Unit, NEIGRIHMS, Shillong Introductory lecture of the ED and its workings was delivered.
- Participated in the **Orientation Programme for the 1ST Year MBBS students-2014**, organized by the Medical Education Unit, NEIGRIHMS, Shillong. Hands on practical exposure to the functioning of the department were delivered.

DEPARTMENT OF E.N.T

FACULTY

Post	Sanctioned	Current status	Name
Professor	1	-	Vacant
Associate Professor	1	1	Dr. N Bryan Shunyu
Assistant Professor	2	1	Dr. Abhijeet Bhatia

Highlights:

Routine OPD is run from Monday through Friday daily from 9.00 am to 4.00 pm and on Saturday from 9.00 am to 2.00 pm except holidays. An average of 80 patients is being seen daily.

Routinely Rigid & Flexible Laryngoscopes, Nasal Endoscopes, Biopsy, Foreign bodies removal, cauterization, nasal packing, tracheotomy tube change syringing, EUM, abscess drainage, lymph node biopsy etc are conducted in the OPD.

Audiology

Recently the department was upgraded with VNG for vertigo and OAE instrument for hearing assessment both for children and adults.

Speech/Voice therapy have been regularly been taken care in voice clinic such as professional voice users, teachers, neurogenic voice disorders etc on daily basis.

Special Clinics

Head and Neck cancer every Monday and Thursday 02-04pm

Vertigo and Head and Neck clinics every Wednesday 02-03pm

Cochlear Implant and Rehabilitation clinic on weekly basis

Intercollaborative Activities

The department runs collaborative Head and Neck Cancer clinics with State cancer unit in Civil Hospital, Shillong.

Operation

Every Tuesday and Friday under GA surgery are performed in the main OT

Every Saturday under LA surgery are performed in the main OT

Education:

- MBBS Teaching Programme
- Bsc Nursing Teaching Programme
- PG Teaching Programme in term of **Co-Guide:**
- Inter departmental activities, ward round, clinical round, CCR, CGR Etc.

CMEs/Workshops/Symposia/National and International Conference:

- **CME** on “Management of Discharging Ear”. **Time & Date:** 12.00 pm to 2.00 pm on 07.02.2015.
Venue: LT-I , NEIGRIHMS, Shillong

List of oral papers/posters presented

Dr N Brian Shunyu

Sl. No	Title of presentation	Name of the Conference	Date	Venue	City
1.	Paper on Hypopharyngeal Reconstruction using a newer modified PMMF	27 th Annual Conference of North Eastern Branch of Association of Otolaryngologists of India	17 th to 19 th October , 2014	Agartala Government Medical College	Agartala, India

Dr Abhijeet Bhatia

Sl. No	Title of presentation	Name of the Conference	Date	Venue	City
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1.	Otoacoustic emissions as a screening tool for noise induced cochlear damage	38 th Annual Conference of Association of Otolaryngologists of India	21 st to 22 nd Feb-2015	Maulana Azad Medical College	New Delhi
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Research/Funded project/Ongoing

S.No.	Title of the project	Name of Principal Investigator	Funded by (Name of funding agency)	Duration (year)	Total funds sanctioned (Rs.)
1.	Multicentric National Task Force entitled "Prevalance and Epidemiological Study of Hearing Impairment"	Dr N Brian Shunyu	ICMR	5 Years	48 lakhs
2.	Identification and development of DNA Methylation Biomarker for Oral Cancer in North Eastern Region of India.	Dr Ghosh NEHU	DBT (In Collaboration with NEHU)	3 years (Ongoing since 2 years)	58 lakhs
3.	Audiological profile of neonates with hyperbilirubinemia (Project being transferred from SMIMS, Gangtok to NEIGRIHMS, Shillong).	Dr Abhijeet Bhatia	ICMR	August-2014	9.6 Lakhs

Completed

S.No.	Title of the project	Name of Principal Investigator	Funded by (Name of funding agency)
1.	Study of the prevalence of hearing loss in iodine deficiency and abnormal TFT among pregnant women and neonates in NEIGRIHMS, Shillong.	Dr Alice Ruram Biochemistry Department	ICMR

Departmental projects (including thesis/dissertations) :Ongoing

S.No	Title of project
1.	High risk new born screening
2	Association between duration of exposure to personal listening devices and hearing

Collaborative Projects:Ongoing

S.No	Title of Project	Collaborating department/institution
1.	Study of the EGFR prevalence in head and Neck Cancer patients and treatment of locally advance HNC patient with targeted therapy.	With Meghalaya State Cancer Unit
2.	Incidence and Role of HPV in Head and Neck Cancer.	DBT Project (With Pathology Department)
3.	Evaluation of hearing loss after spinal Anaesthesia.	Intramural(withAnaesthesia department)
4.	Role of Brush biopsy and DNA cytometry in the diagnosis of Oral Premalignant and Malignant cases.	With Pathology Department

Completed

S.No	Title of Project	Collaborating department/institution
1.	Analysis of p16 gene expression and HPV 16/18 DNA status in Squamous cell carcinoma of Oral cavity in relation to grade and prognosis of the tumour who have undergone surgery in NEIGRIHMS	Intramural (With Pathology Department)
2	To study the expression of EBER (Epstein-Bar Virus Encoded RNA) in Nasopharyngeal carcinoma by CISH method. (Chromogenic in situ Hybridization).	Intramural (With Pathology Department) funded by DBT

Patient Care:

In patient care/supportive activities include information regarding: (a) facilities available in the department (including special clinics and/or special laboratory facilities (b) community services/campus etc.

Routine OPD is run from Monday through Friday daily from 9.00 am to 4.00 pm and on Saturday from 9.00 am to 2.00 pm except holidays. An average of 80 patients is being seen daily.

From April 2014 to March 2015, total of 20479 patients attended ENT OPD.

From April 2014 to March 2015, total of 4656 minor procedures and endoscopy procedures were performed in minor OT- OPD premises.

A total of 3615 patients attended Audio-vestibular and Speech-language unit.

A total of 258 major surgeries were performed

A total of 63 emergency surgeries were done

A total of 51 Minor surgeries.

Indoor Patients

There are 22 indoor beds under ENT department. A total of 261 Female patients and Male patients 332 were admitted and have received treatment.

Awards, Honours and Significant events:

List only awards, honours and named orations of national and international repute, conferred (non-elected) memberships of fellowships, offices of the international and national societies and journals. Do not list lectures delivered at CMEs and conference. Also include any major academic activity which is not included under teaching, research and patient care activities. Workshops, symposia etc. already under CME, should not be repeated under this section. These can also include membership of Programme Advisory Committee, Scientific Advisory Committee, Research Advisory Committee, Government Advisory. Please limit this information to a maximum of 500 words.

Visiting Scientist:

Dr. N Brian Shunyu

1. As an International Visiting scholar in the Division of Reconstructive Microsurgery, Department of Plastic & Reconstructive Surgery at the Chang Gung Memorial Hospital, Linkou, Taiwan from April 30 to June 23, 2014.

DEPARTMENT OF FORENSIC MEDICINE

FACULTY

Post	Sanctioned	Current status	Name
Professor	1	-	Vacant
Associate Professor	1	1	Dr.A.D.Ropmay
Assistant Professor	1	1	Dr.Daunipaia Slong

Highlights:

The Department of Forensic Medicine is engaged in academic, hospital and research activities. During the past year, the fifth batch of MBBS students were taught and trained in two batches. They were taken to Civil Hospital, Shillong in groups of ten every week for live postmortem demonstration, accompanied by a Senior Resident Doctor. Evening posting in the Emergency Department was arranged

to enable students to get hands-on practical experience and direct observation of medicolegal cases, with special reference to recording of injuries in accidents and assaults, and preparing a proper injury report which is both medically and legally acceptable.

As far as hospital activities are concerned, a duty roster is maintained for Faculty and Senior Residents to cover the Emergency Department in order to give advice on forensic-related matters as and when required by the medical officers posted there. Regular consultations are held to find out the load and type of medicolegal cases reporting to NEIGRIHMS hospital. Expert opinion on age estimation is given in both medicolegal and non-medicolegal cases at the requisition of police and other concerned authorities. Further, a state-of-the-art autopsy room with modern workstations is in the process of being set up.

A hospital based study on profile of poisoning was completed and published in a leading national journal. A second study on suicidal deaths was completed and published in 2014. It is a future endeavour for the department to form a liaison with local police and government while dealing with forensic cases.

Education:

- (i) Regular classes are held for MBBS, B.Sc Nursing**
- (ii) Departmental Seminar (monthly)**
- (iii) CGR (Clinical Grand Rounds):** Departmental presentation on “Guidelines & Protocols of Medico-legal Care for Survivors/Victims of Sexual Violence” on 20th September 2014.
- (iv) Innovative teaching methods**
 1. Problem-based and self-learning practical class. Small group discussion by students and presentation of a topic which has not yet been taught.
 2. Student seminars: Presentation of a topic by students.
- (v) Evening Casualty Posting for the 2nd MBBS Students** in order to observe medicolegal cases, as part of their academic curriculum from 9.2.2015.

CMEs/workshops/Symposia/National and International Conference:

Dr. A. D. Ropmay:

1. Workshop on ‘Developing a Health Sector Perspective in dealing with Violence against Women cases looking specifically into Sexual Assaults’, Shillong, 24th and 25th November 2014.
2. 36th Annual Conference of the Indian Academy of Forensic Medicine (IAFM) at Porur, Chennai on the 23rd, 24th, 25th January 2015.
3. Online Certificate Course on Gender Based Violence, Global Human Rights Leadership Training Institute (GHRLTI), 27th February to 31st March 2015.
4. MCI Basic Workshop on Medical Education Technologies from 26th to 28th March 2015, at NEIGRIHMS.

Dr. Daunipaia Slong:

1. CME on Clinical Laboratory Quality management System: Road to Accrediation organized by the Department of Biochemistry, NEIGRIHMS, Shillong on 20th May 2014.
2. CME cum Seminar on Clinical Relevance of Autonomic Function Testing organized by the Department of Physiology, NEIGRIHMS, Shillong on the 13th June 2014.
3. CME on Phamacovigilance organized by the Department of Pharmacology, NEIGRIHMS, Shillong on 28th June 2014.
4. MCI Basic Workshop on Medical Education Technologies from 26th to 28th March 2015, at NEIGRIHMS.

Dr. Samarendra Barman:

1. 36th Annual Conference of the Indian Academy of Forensic Medicine (IAFM) at Porur, Chennai on the 23rd, 24th, 25th January 2015.

Lectures delivered at CMEs, National and International Conference:

Name of Faculty member: Dr. A. D. Ropmay

Sl. No	Title of talk	Name of the CME/Conference	Date	Venue	Place
1.	“Forensic Medicine: It’s Significance in Crime Investigation.	Course on Scientific Investigation of Criminal Cases.	12/11/2014	North Eastern Police Academy	Umsaw, Meghalaya

Name of Faculty member: Dr. Daunipaia Slong

Sl. No	Title of talk	Name of the CME/Conference	Date	Venue	Place
1.	"Importance of Postmortem Examination"	Course on Scientific Investigation of Criminal Cases.	24/6/2014	North Eastern Police Academy	Umsaw, Meghalaya
2.	"Death due to Alleged Medical Negligence- Forensic Aspect"	Course on Scientific Investigation of Criminal Cases.	27/6/ 2014	North Eastern Police Academy	Umsaw, Meghalaya
3.	"The Post Mortem Examination: Importance in crime investigation and Procedure to be followed by Investigating officer while referring Human body to Medicolegal expert for Autopsy".	Course on Scientific Investigation of Criminal Cases.	13/11/2014	North Eastern Police Academy	Umsaw, Meghalaya

List of Oral Papers/Poster presented

Sl. No	Authors	Title of Presentation	Name of the Conference	Date	Venue	City
1.	Ropmay, AD	Cries in the Dark	36 th Annual Conference of IAFM	23/01/15	Sri Ramachandra Medical College	Chennai

Research

Departmental Projects (Including thesis/dissertations):Ongoing

S.No.	Title of Project
1.	Physical Assault Cases Attending the Emergency Department of a Tertiary Care Teaching Hospital – A Retrospective Study.

Completed

S.No.	Title of Project
1.	Profile of Poisoning at a Teaching Hospital in Shillong (North East India)

Patient Care:

1. Clinical examination and age estimation of cases at the request of the concerned authority.
 - Medico-legal cases, from April 2014 to March 2015: 17 (seventeen)
Requisitioning authority: Police officer not less than the rank of Sub Inspector (SI)
 - Non-Medicolegal cases, from April 2014 to March 2015: 103 (one hundred and three)
Requisitioning authorities: (1) Deputy Director, Sports Authority of India, Shillong Training Centre, Shillong.
(2) Chairperson, Child Welfare Committee, East Khasi Hills, Shillong.
2. Spot Postmortem Examination on 13/02/15 at the request of the concerned authority.
3. Forensic consultation in the Emergency Department.

DEPARTMENT OF GENERAL MEDICINE

FACULTY

Post	Sanctioned	Current status	Name
Professor & Head	1	1	Dr. Prasanta Kumar Bhattacharya
Associate Professor	2	1	Dr. K G Lynrah
Assistant Professor	3	2	Dr. Monaliza Lyngdoh Dr. Bhupen Barman

Highlights:

The Department of General Medicine is actively involved in patient-care services, teaching and research activities. Patient-care services include daily OPD, Emergency and in-patient services, and specialized services like endoscopy, hemodialysis and PFT. The Department has catered to 43,988 OPD and 3,398 indoor patients, and performed 3152 hemodialysis and about 2550 endoscopic procedures. The highlights in patient-care services of this year include (i) functioning of 6-Bed Medicine ICU, (ii) initiating the process to start a Geriatric OPD for comprehensive clinical care to the elderly patients, (iii) initiation of 'Clinical Service Improvement' with the approval of the competent authority for better patient care service and for optimizing service delivery with existing resources. Highlights of teaching activities include starting of postgraduate course (MD - General Medicine) from the academic year 2014-15, with regular post-graduate teaching activities like seminars, clinical case discussions, journal clubs and academic clinical rounds. Among the research activities, the faculty has contributed chapters in National Text Books and Updates, besides having publications in various national and international journals, and delivery of plenary lectures and guest lectures in international, national and regional conferences and workshops. The Department organized a workshop on 'Basics of Good Clinical Practice (GCP)' sponsored by CDSA (DBT) and co-organized a DBT sponsored symposia on 'Research Methodology and Biomaterials for Human applications for Clinical Translational Research' with the Department of Orthopedics. Senior faculty of the Department also acted as technical expert/member of autonomous bodies/institutions like MCI, UPSC, IIPS and external examiners in undergraduate and postgraduate university examinations.

Education:

The Faculty and Senior Residents of the Department are actively engaged in teaching the undergraduate and postgraduate students, in addition to involving in teaching programmes of the B Sc Nursing students of the College of Nursing. Medical Officers from other departments and institutions who are put on rotation in this Department are also trained in the clinical skills of the subject.

1. Undergraduate MBBS training:

- a. Lecture classes
- b. Bedside Clinics
- c. Interactive UG seminars for clinical case discussions

d. Tutorial classes for Problem-based learning

2. Postgraduate MD training:

- a. Clinical: bedside academic rounds for PG students - daily
- b. Seminars: weekly
- c. Case presentations: weekly
- d. Journal Club: weekly
- e. Theory class: With UG Classes as per schedule
- f. Research: postgraduate students are actively involved in various research activities including their Thesis work, assisting in publication of research works of the Department, preparing and presenting their platform and poster presentations

3. B Sc Nursing:

- a. Lecture classes: Twice a week

4. Medical Officers, Emergency Department:

- a. Clinical skill training: periodic, as per requirement

5. Bachelor of Trauma, Emergency & Disaster Management students posting in General Medicine: 2 months training

The changes in the academic schedule during the year include:

- 1. Starting of postgraduate academic activities with the starting of the PG course from this academic year
- 2. Starting of interactive clinical case discussion classes for undergraduate students
- 3. With the increase in the number of faculty, reorientation of undergraduate teaching, with faculty focusing on theory, bedside clinics and interactive seminars, while the SRD and postgraduates focus on bedside clinics and PBL classes.

CMEs/Workshops/Symposia/National and International Conference:

- 1. Organized National Workshop on basics of Good Clinical Practice (GCP), sponsored by Clinical Development Services Agency (CDSA), DBT, 28-29 March 2014, at NEIGRIHMS, Shillong
- 2. Co-organizer of DBT funded Symposia on Research Methodology and Biomaterials for Human applications for Clinical Translational Research in collaboration with the Department of Orthopedics, NEIGRIHMS, on 20-21 March 2015 at NEIGRIHMS, Shillong

Lectures delivered at CMEs, National and International Conferences:

Name of Faculty member: Dr Prasanta Kumar Bhattacharya

Sl	Title of talk	Name of the CME/	Date	Venue	City
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No		Conference			
Plenary lectures					
1	Challenges in the Management of Metabolic Non-communicable Diseases with special reference to Diabetes Mellitus	International Conference on Disease Biology and Therapeutics (ICDBT-2014)	04-12-2014	Institute of Advanced Study in Science & Technology	Guwahati
2	Essentials of Research Methodology: Practical approach	Symposia on Research Methodology and Biomaterials for Human applications for Clinical Translational Research	20-03-2015	NEIGRIHMS	Shillong
Guest Lectures/Invited talks					
3	Role of Qualitative Research in the Management of Diabetes Mellitus	13 th International seminar on "Prevention of non-communicable diseases" organized jointly by University of Alabama, Birmingham, USA & MDRF, India	24-01-2015	Madras Diabetes Research Foundation	Chennai
4	Critical review of published article	13 th International seminar on "Prevention of non-communicable diseases" organized jointly by University of Alabama, Birmingham, USA & MDRF, India	25-01-2015	Madras Diabetes Research Foundation	Chennai
5	Patient Empowerment in the Management of Diabetes Mellitus	21 st Annual Conference of Association of Physicians of India, West Bengal Branch	01-11-2014	APICON, West Bengal	Kolkata
6	Role of Institutional Ethical Committee	Workshop on "Basics of Good Clinical Practice", NEIGRIHMS, Shillong, 28-29 March 2014, sponsored by Clinical Development Services Agency (CDSA),	29-03-2014	NEIGRIHMS	Shillong

		DBT			
7	How to Read a Paper	4 th East Zone & 24th Annual Conference of Association of Physicians of India, Assam Branch	13-12-2014	NF Railway Hqrs. Campus	Guwahati
8	Clinical Trials and related Ethical issues	Symposia on Research Methodology and Biomaterials for Human applications for Clinical Translational Research	21-03-2015	NEIGRIHMS	Shillong
9	Critical appraisal of a paper with special reference to various study designs	Symposia on Research Methodology and Biomaterials for Human applications for Clinical Translational Research	21-03-2015	NEIGRIHMS	Shillong
10	Barriers in the management of Diabetes – Qualitative issues	CGR in General Medicine	13-12-2014	NEIGRIHMS	Shillong
11	Problem Based Learning (PBL)	Continue Medical Education / Faculty Development Programme by Medical Education Unit, NEIGRIHMS	18-09-2014	NEIGRIHMS	Shillong

Name of Faculty member: Dr K G Lynrah

SI No	Title of talk	Name of the CME/ Conference	Date	Venue	City
	Obesity- Basic science to Clinical perspective	19th Annual Conference of the North Eastern Diabetes Society (NEDSCON) 2014	10-10-2014	Rhino Hall	Shillong

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Name of Faculty member: Dr Bhupen Barman

Sl No	Title of talk	Name of the CME/ Conference	Date	Venue	City
	Treatment and Prevention of Hepatitis C	Hep.Com	25 th April 2014	Shillong Club	Meghalaya

List of oral papers/ posters presented

Sl No	Authors	Title of presentation	Name of the Conference	Date	Venue	City
1	Bhattacharya PK, Md Jamil, Roy A, Barman B, Lyngdoh M, Lynrah KG	Aetiology, Burden of Disease and Clinical Profile of Chronic Kidney Disease in North East India	Annual Day of NEIGRIHMS	March 4-5, 2015	NEIGRIHMS	Shillong
2	Barman B, Bhattacharya PK, Lyngdoh M, Md. Jamil	Alcoholism - a Health Burden: A study from North Eastern India	Annual Day of NEIGRIHMS	March 4-5, 2015	NEIGRIHMS	Shillong
3	Barman B, Bhattacharya PK, Wankhar B, Warjri SB, Beyong T, Roy A.	Metastatic Breast Carcinoma Associated with Numb Chin Syndrome	Annual Day of NEIGRIHMS	March 4-5, 2015	NEIGRIHMS	Shillong
4	Barman B, Bhattacharya PK, Handique A, Issar NK.	Hughes–Stovin syndrome: a case report	Annual Day of NEIGRIHMS	March 4-5, 2015	NEIGRIHMS	Shillong

Research:Funded Project:Ongoing

SI No	Title of the Project	Name of Principal Investigator	Funded by (Name of Funding agency)	Duration (year)	Start Year – End year	Total funds sanctioned (Rs.)
1	“Prospective study of hepatitis B virus infection and its genotypes in North Eastern India”	Prof. P. Kar	ICMR	3 Years	2012	Rs. 9,67,690.00/-

Departmental projects (including thesis/dissertations):Ongoing

SI No	Title of Project
1	Disease Burden and Clinical Profile of Sepsis in Non-Surgical Patients and Role of Serum Procalcitonin and C-Reactive Protein as Biomarkers in Sepsis
2	Clinico-Pathological Spectrum of Patients with Renal Failure of Infective Aetiology
3	A hospital-based retrospective study on glomerular diseases in adults from North Eastern India
4	Spectrum of Tuberculosis and its diagnostic methods: A retrospective study from North Eastern India
5	A Study of Clinical profile of Acute Kidney Injury
6	Incidence of Gastrointestinal Malignancies In Tertiary Care Hospital

Patient Care:

The patient care services of the Department of Medicine includes OPD, In-patient, Emergency services and Special investigational services of Endoscopy (upper and lower GI, Bronchoscopy) – both diagnostic and therapeutic, hemodialysis services and Pulmonary Function Tests.

The Department of General Medicine runs OPD six days a week from Monday to Saturday. The Department is divided into two Units for better patients care and services. Each Unit has got bed strength of 34 each. An additional 8 beds are added for patients with smear positive pulmonary tuberculosis.

There are 10 hemodialysis machines in the HD unit, which is under supervision of the Department of General Medicine. Of the 10 machines one is reserved for HIV positive patients and one for HBV/HCV positive patients. The remaining 8 machines are used for all other category of dialysis patients.

Specialized Procedures: Other specialized procedures include peritoneal & pleural aspiration, bone marrow aspiration and biopsy, lumbar puncture, Central Venous line Insertion, Skin Biopsy, Arterial Blood Gas sampling and analysis, Endotracheal Tube Intubation are performed as per case indications.

OPD patient attendance:

Total No. of OPD Patients (Old)		Total No. of OPD Patients (New)		Total
Male	Female	Male	Female	
10535	11443	10439	11571	43988

Breakup of patients admitted:

Male Medical Ward	Female Medical Ward	Total
1805	1593	3398

Haemodialysis unit:

MALE	FEMALE	Total
1902	1250	3152

Endoscopy procedures performed:

Name of Procedure	Total
Upper GI Endoscopy	2341
Biopsy	517

Antral Crush smear for H Pylori	276
EVL	10
Dilatation	4
Sclerotherapy	8
Lower GI Endoscopy	80
Biopsy	24
Bronchoscopy	53
Biopsy	19
Broncho Alveolar Lavage (BAL)	64

Pulmonary Function Tests performed:

Male	Female	Total
211	151	362

Awards, Honours and significant events:

Dr P K Bhattacharya:

1. Nominated as Member of Technical Advisory Committee (TAC), Longitudinal Ageing Study in India (LASI), a multi-centric cohort study (2013-2018) by the International Institute of Population Sciences (IIPS), Mumbai, Ministry of Health & FW, Govt. of India, in collaboration with Harvard School of Public Health and RAND Corporation, USA, funded jointly by MoHFW/MoSJE, GOI and NIA/NIH, USA.
2. Nominated as Member, Board of Studies for Professional Courses offered by NEIGRIHMS by North Eastern Hill University (NEHU) in September 2014
3. Deputed as In-charge of Central Team to inspect Hospitals/Isolation Centres identified by the States for treatment of Ebola Virus Disease, constituted by Ministry of Health & FW, Govt. of India in November 2014.
4. Acted as Assessor (Inspector), Medical Council of India (MCI) for inspecting Post graduate teaching facilities of Govt. Medical College at Bhavnagar, Gujarat on 04th April 2014

5. Acted as an Expert in the UPSC interview for selection of Medical Officers on 10th and 11th September 2014 at UPSC office, New Delhi

Dr K G Lynrah:

1. Deputed as member of Central Team to inspect Hospitals/Isolation Centres identified by the States for treatment of Ebola Virus Disease, constituted by Ministry of Health & FW, Govt. of India in November 2014.

DEPARTMENT OF GENERAL SURGERY

FACULTY

Post	Sanctioned	Current status	Name
Professor & Head	1	1	Dr.Noor Topno, MS
Associate Professor	2	2	Dr.Ranendra Hajong, MS Dr.Arup Jyoti Baruah, MS
Assistant Professor	3	2	Dr.Donkumar Khongwar, MS Dr.Dathiadham Tongper, MS

Services provided:

1. OPD

The OPD is located in the ground floor of the OPD block, Room # 22 to 26. OPD functions on all days except notified holidays.

Timings are: 9am -2 pm from Monday to Saturday

Average attendance 70 cases both old and new

The department apart from General Surgical cases handles basic Pediatric Surgery cases

2. Emergency Services: Round the clock on all days. With JRD, SRD and consultant on call

3. Operation Days

Thursday: 2 tables; 6-7 cases per OT day

Alternate Fridays: 1 table; 2-3 cases per OT day

4. Day care procedures:

Daily; OPD procedure room (Rom # 117)

5. OPD Scopy services: Monday – Saturday

Endoscopy for surgery department: 15 cases per week.

6. Inpatient services

34 bedded female surgery ward and 18 bedded male surgery ward which are shared by both the units.

Those patients requiring intensive care are managed in the Intensive Care Unit of the hospital under the aegis of the anesthesia department. All admissions are made in the name of the unit in charge, by the senior resident doctors in consultation with the Surgery consultant.

7. Teaching

The department caters to the requirements of MBBS, BSc nursing program and MS surgery 2 in number every year.

8. The major development of this department this year is the initiation of the post graduate program which was start from July, 2013, accommodating 2 students per batch.

Surgery department has as two units.

The functions of the unit will be as follows:

Unit I – Monday, Wednesday & Friday

Unit II – Tuesday, Thursday & Saturday

CMEs/Workshops/Symposia/National and International Conference:

Sl.No	Name of the event	Date	City
1	MID TERM CME of the ASSAM STATE CHAPTER OF THE ASSOCIATION OF SURGEONS OF INDIA	31 st May, 2014	NEIGRIHMS, Mawdiangdiang Shillong

Lectures delivered at CMEs, National and International Conferences

Name of Faculty member:

Sl.No	Title of talk	Name of the CME/Conference	Date	Venue
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1	Dr. Arup J. Baruah – Role of understanding the molecular biology of breast cancer leading to its clinical application	International conference on disease biology and therapeutics	3 rd to 5 th December 2014	IIT Guwahati
2	Prof. N. Topno – Management o Biliary Strictures	2014 – Midterm CME Assam State Chapter of ASI	31 st May 2014	NEIGRIHMS, Shillong
3	Prof. N. Topno – Conducted Panel discussion on Management of CBD Stones	2014 – Midterm CME Assam State Chapter of ASI	31 st May 2014	NEIGRIHMS, Shillong
4	Prof. N. Topno – Diabetic foot: Surgical perspective	19 th Annual Conference of North East Diabetes Society	10 th – 11 th October, 2014	Military Hospital, Shillong
5	Prof. N. Topno – Panel discussion on Basics of Research Collaboration	AIIMS & University of Michigan, Ann Arbor Research Collaboration	1 st -5 th December, 2014	AIIMS, New Delhi
6	Prof. N. Topno – Panelist for PG case discussion	ASI – TYSA (Torrent Young Scholar Award) North East Zonal CME- 2015	March, 2015	Guwahati

List of oral papers/posters presented

Sl.No	Authors	Title of presentation	Name of the Conference	Date	Venue	City
1	Prof.N.Topno	Two stage repair Bismuth Type III CBD injury	Guest Lecture Silchar Medical College	22 nd December, 2014	Silchar Medical College	
		Video Presentation on Transhiatal Esophagectomy	ASI – TYSA North East Zonal CME- 2015	March, 2015	Guwahati	
	Dr. R. Hajong	Miraculous survival story following through	60 th Annual Conference of	26 th to 28 th September,	Hotel Capitol	Bengaluru

		and through penetrating abdominal injury (Won the best poster award)	ICSIS	2014		
		Two port laparoscopic cholecystectomy-a simplified and safe technique	3 rd Annual Research Day at NEIGRIHMS	3 rd to 4 th March, 2015	Shillong	
		Breast cancer awareness	Mid Term CME of the Assam State Chapter of the Association of Surgeons of India	31 st May, 2013	Shillong	
2	Dr. Peter D.S. Khariong	Miraculous survival story following through and through penetrating abdominal injury	3 rd Annual Research Day at NEIGRIHMS	3 rd to 4 th March, 2015	Shillong	
3	Dr. Rajiv Paul	Cutaneous manifestations of Peutz Jegher's Syndrome	3 rd Annual Research Day at NEIGRIHMS	3 rd to 4 th March, 2015	Shillong	
4	Dr. K. Lenish Singh	Foreign body of esophagus presenting with dysphagia	3 rd Annual Research Day at NEIGRIHMS	3 rd to 4 th March, 2015	Shillong	
5	Dr. Girish Sharma	Solid pseudopapillary tumour of pancreas – a report of two cases	3 rd Annual Research Day at NEIGRIHMS	3 rd to 4 th March, 2015	Shillong	
6	Dr. Sandeep Ghosh	Malignant melanoma of anal canal – a rare case	3 rd Annual Research Day at NEIGRIHMS	3 rd to 4 th March, 2015	Shillong	

		report (Won 2 nd Prize)				
7	Dr. Sandeep Ghosh	Malignant melanoma of anal canal – a rare case report (Won Best Poster Award)	ASI North Eastern Zonal CME	March, 2015	Guwahati	
8	Dr. Donkumar Khongwar	Colonic lipoma presenting as intussusception	3 rd Annual Research Day at NEIGRIHMS	3 rd to 4 th March, 2015	Shillong	
9	Dr. Madhur Anand	Colonic lipoma presenting as intussusception	ASI North Eastern Zonal CME	March, 2015	Guwahati	
10	Dr. Sandeep Ghosh & Dr. Madhur Anand	Won Best PG Surgical Quiz award	ASACON 2014	November 2014	Guwahati	
11	Dr. Madhur Anand	Won 3 rd prize in Torrent Young Scholar Award	ASI North Eastern Zonal CME	March, 2015	Guwahati	

Departmental projects (including thesis/dissertations):Ongoing

Sl.No	Title of project
1	Prof. Noor Topno, Dr. Y. Khonglah, Dr. Sandeep Ghosh – A study on Helicobacter pylori infection in patients with cholecystitis
2	Prof. Noor Topno, Dr. K.G.Lynrah, Dr. Madhur Anand – A study on gastrointestinal manifestations of ascariasis
3	Prof. Noor Topno, Dr. A.J.Baruah, Dr. Girish Sharma – A study on predictors of difficult cholecystectomy
4	Dr. R Hajong, Dr. D. Khongwar, Dr. K. Lenish Singh – A clinical study of various diagnostic modalities for diagnosis of Acute appendicitis
5	Dr. R. Hajong, Dr. A.J. Baruah – A study of fatty liver disease in patients undergoing cholecystectomy

6	Dr. A.J. Baruah, Dr. R. Hajong – A study of the safety and usability profile of closed versus open technique of laparoscopic primary peritoneal access port in patient undergoing routine laparoscopic cholecystectomy
7	Dr. D. Khongwar , Prof. Noor Topno – Comparison between topical & oral antibiotics for prophylaxis of inguinal hernia mesh repair
8	Dr. D. Khongwar , Prof. Noor Topno – Epidemiologic profile of burn patients attending NEIGRIHMS, hospital

OPD ATTENDANCE

Male (New)	Female (New)	Male (Old)	Female (Old)	Male (Referred)	Female (referred)	Unit-I	Unit-II	Grand Total
1446	1058	4039	4070	1525	1404	7196	6346	13542

Total No of Ward Admission: UNIT WISE

Unit - I			Unit-II			Grand Total
Male	Female	Total	Male	Female	Total	
397	317	714	493	309	802	1516

GRAND TOTAL Minor OT Procedure UNIT- I & II = 2540

ROUTINE OT UNIT- I & II = 354

EMERGENCY OT UNIT- I & II = 216

DEPARTMENT OF MICROBIOLOGY

FACULTY

Post	Sanctioned	Current status	Name
Professor & Head	1	1	Dr. A. C. Phukan
Associate Professor	1	2	Dr. (Mrs) A. B. Khyriem Dr. (Mrs) W. V. Lyngdoh
Assistant Professor	2	1	Dr. (Mrs) Clarissa. J. Lyngdoh

Highlights :

The Department of Microbiology has been functioning since June, 2006 in the permanent campus of NEIGRIHMS at Mawdiangdiang, Shillong-18. The Department has been progressing according to the pre-designed road map with its short and long term visions to achieve the goals in the field of patients care, academic and biomedical research activities. During the reporting period patient care services are being provided to the beneficiaries through different diagnostic laboratories of the Department. Microbiological Surveillance of the Hospital is another activity of this Department. The Department also actively involves in execution of different National Health Programmes in the field of RNTCP, NACO, IDSP etc. The Department has been identified as a State Reference Laboratory for EQAS activity in HIV testing and development of trained human resource in the State of Meghalaya under NACO, India and Nodal Centre for North East India on Avian Influenza Surveillance Laboratory Network under IDSP in collaboration with National Centre for Disease Control, Delhi, Govt. of India.

The Department provides 24 hours diagnostic laboratory services including emergency laboratory services for the OPD and indoor patients during the reporting period. The Emergency Laboratory Services have proved to be very effective with special reference to the management of patient with complicated malaria due to *P. falciparum* infection and patients admitted in ICUs and other wards including Dialysis unit.

Academically, the Department has been conducting MD Microbiology Course since May, 2009 with an intake of 2 (two) Post-Graduate Students per year which was increased to 3 PG Students from the

Academic Session 2014 - 2017. The Post-Graduate teaching programme covers weekly Journal Club, Seminar and Practical Laboratory Exercise wherein relevant topics of recent developments are discussed. During the reporting period 7 PG students underwent MD Microbiology Course. Six PG students of 1st, 2nd & 3rd batches completed the MD Microbiology Course successfully under NEHU, Shillong.

The MBBS course in the Department started in August, 2009 with 50 students. The teaching activities for the MBBS include theory classes, tutorials, seminars and demonstration with practical classes. The Department has been involving in the training of SRDs and Technical Staff and teaching programmes for the B.Sc. Nursing Students of the College of Nursing of the Institute. The Department is well equipped with both conventional and modern laboratory equipments for patients care, academic and research activities.

The Faculty and Residents of the Department attended different local, regional and national conferences / workshops with active participation as a part of Continuing Medical Education (CME) through chairing and moderating the Technical Session, Scientific deliberation as Resource Person and presentation of the Scientific Papers and also as an effort for human resource development during the reporting period.

Over and above, Faculty of the Department has been extending their helping hands to the administration of NEIGRIHMS in multiple areas as and when necessary. The Prof. & Head of the Department has been executing the responsibility of Medical Superintendent I/c of the Hospital since November, 2010 in addition to his own duties and responsibilities.

Education :

Academically, the Department has been conducting MD Microbiology Course since May, 2009 with an intake of 2 (two) Post-Graduate Students per year which was increased to 3 PG Students from the Academic Session 2014 - 2017. The Post-Graduate teaching programme covers weekly Journal Club, Seminar and Practical Laboratory Exercise wherein relevant topics of recent developments are discussed. During the reporting period 7 PG students underwent MD Microbiology Course. Six PG students of 1st, 2nd & 3rd batches completed the MD Microbiology Course successfully under NEHU, Shillong.

The MBBS course in the Department has been started in August, 2009 with 50 students. The teaching activities for the MBBS include theory classes, tutorials, seminars and demonstration with practical

classes. The Department has been involving in the training of SRDs and Technical Staff and teaching programmes for the B.Sc. Nursing Students of the College of Nursing of the Institute. The Department is well equipped with both conventional and modern laboratory equipments for patients care, academic and research activities.

CMEs/Workshops/Symposia/National & International Conference :

- a. One day “SRL Workshop on EQAS in HIV Testing for ICTC Lab. Techs. in the State of Meghalaya” organized by the State Reference Laboratory, NEIGRIHMS on 8th December 2014 in the Department of Microbiology, NEIGRIHMS.
- b. One day “SRL Workshop on EQAS in HIV Testing for ICTC & Blood Bank Lab. Techs. in the State of Meghalaya” organized by the State Reference Laboratory, NEIGRIHMS on 25th March 2015 in the Department of Microbiology, NEIGRIHMS.

List of oral papers/posters presented :

Sl. No.	Authors	Title of presentation	Name of the Conference	Date	Venue	City
1	J.Rajbongshi, WV Lyngdoh, AB Khyriem, P. Bhattacharyya, D. Elantamilan	Carbapenemase resistance in Enterobacteriaceae in Intensive Care Unit	XXXVIII National Conference of Indian Association of Medical Microbiologists (IAMM)	15 th to 19 th Oct, 2014	Deptt. Microbiology, SMS Medical College, Jaipur.	Jaipur
2	P Sharma, S Dahiya, V Balaji, A Kanga, P Panda, WV Lyngdoh, A Dhanuraj, DK Mehandiratta. S Sood, BK Das A. Kapil	Multiple Locus Sequence Typing of Salmonella Typhi Isolates from India	XXXVIII National Conference of Indian Association of Medical Microbiologists (IAMM)	15 th to 19 th Oct, 2014	Deptt. Microbiology, SMS Medical College, Jaipur.	Jaipur
3	AB Khyriem, J.Rajbongshi, V. singh, M Anand, S. Sailo WV Lyngdoh	Chromobacterium violaceum causing Fournier,s Gangrene - A Case Report	XXXVIII National Conference of Indian Association of Medical Microbiologists (IAMM)	15 th to 19 th Oct, 2014	Deptt. Microbiology, SMS Medical College, Jaipur.	Jaipur
4	Singh V, Lyngdoh WV, Khyriem AB, Lyngdoh CJ	Prevalence of Surgical Site Infections Among the Postoperative Patients in a Tertiary Health Care Centre, NEIGRIHMS, Shillong	The 15th Congress of the International Federation of Infection Society, XIII National Conference of the Hospital Infection Society India	21 st to 24 th Mar, 2015		New Delhi
5	Bora I, Dutta V, Lyngdoh WV, Lyngdoh CJ,	Central line Bundle Implementation in Intensive Care	The 15th Congress of the International Federation of Infection	21 st to 24 th Mar,	JW Merriott Hotel, New Delhi	New Delhi

	Pradhan D.	Units and its Impact on Central Line Associated Blood Stream Infection (CLABSI) in a Tertiary Care Hospital	Society, XIII National Conference of the Hospital Infection Society India	2015		
6	Dutta V, Bora I, Khyriem AB, Lyngdoh WV, Lyngdoh CJ, Vijay S	Impact of Bundling Interventions on Catheter Associated Urinary Tract Infections (CAUTI) in Intensive Care Unit of a Tertiary Care Centre	The 15th Congress of the International Federation of Infection Society, XIII National Conference of the Hospital Infection Society India	21 st to 24 th Mar, 2015	JW Meriott Hotel, New Delhi	New Delhi
7	Gupta S, Khyriem A, Lyngdoh C	Ventilator associated pneumonia : a study on the causative gram Negative bacterial pathogens and their antibiotic susceptibility patterns in A tertiary care hospital in north east India	The 15th Congress of the International Federation of Infection Society, XIII National Conference of the Hospital Infection Society India	21st to 24th March 2015	JW Meriott Hotel, New Delhi	New Delhi
8	Dutta V , Bora I , Phukan A , Khyriem AB	Study of Nosocomial Infections among the Patients Admitted in the Intensive Care Units of A Tertiary Care Center of North Eastern India	The 15th Congress of the International Federation of Infection Society, XIII National Conference of the Hospital Infection Society India	21st to 24th March 2015	JW Meriott Hotel, New Delhi	New Delhi

Collaborative Research Projects:Ongoing

Sl. No.	Title of the Project	Name of Principal Investigator	Funded by (Name of funding agency)	Duration (year)	Start year-end year	Total funds sanctioned (Rs.)
1	Antifungal susceptibility testing and genotyping of cryptococcal isolates from Delhi and other parts of India	Dr. A. C. Phukan	DBT, GoI			
2	Surveillance of Chickungunya virus activity in Assam and Meghalaya	Dr. A. C. Phukan	ICMR, GoI			
3	Evaluation of loop mediated isothermal amplification and polymerase chain reaction in clinically suspected and radiologically	Dr. A. C. Phukan	ICMR, GoI			

	confirmed neurocysticercosis patients – ECD					
4	Avian Influenza Surveillance Laboratory Network	Dr. A. C. Phukan	IDSP, GoI			
5	State Level Viral Research & Diagnostic Laboratory	Dr. A. C. Phukan	DHR, GoI			
6	Class B Carbapenemase producing Gram negative Bacilli : Molecular epidemiology and analysis of genetic environment of the drug resistant determinant in elucidating its transmission dynamics	Dr. A. B. Khyriem	UGC	3 years	2013 – 2015	Rs. 1,56,000
7	Detection of New Delhi Metallo-B-Lactamase-1 Producing Enterobacteriaceae in Intensive Care Unit, NEIGRIHMS	Dr. W. V. Lyngdoh	DBT, GoI	2 years	2014 – 2016	Rs. 8,25,000
8	Epidemiological typing of <i>Burkholderia cepacia</i> complex and <i>Stenotrophomonas maltophilia</i> from septicaemic patients in the North East India	Dr. W. V. Lyngdoh	DBT, GoI	3 years	2015 – 2018	Rs. 1,10,000

Completed

Sl. No.	Title of the Project	Name of Principal Investigator	Funded by (Name of funding agency)	Duration (year)	Start year-end year
1	Prospective study of Hepatitis B virus infections and its genotypes in the North Eastern States -	Dr. A. B. Khyriem	ICMR, GoI	3 years	2012 – 2015
2	Multi-centre study on Antimicrobial Resistance Monitoring of Salmonella typhi and Salmonella paratyphi A- an attempt to make national guidelines to treat Enteric fever Salmonella typhi	Dr. W. V. Lyngdoh	ICMR, GoI	3 years	

Departmental projects (including thesis/dissertations):Ongoing

Sl. No.	Title of Project / Thesis
1	Detection of New Delhi metallo-beta lactamase-1 producing Enterobacteriaceae isolates from Intensive care Unit, NEIGRIHMS
2	A study of respiratory viruses affecting the upper respiratory tract in the paediatric patients attending NEIGRIHMS with special reference to Respiratory Syncytial Virus
3	Multiplex polymerase chain reaction for diagnosis of Enteric Infections associated with Diarrheogenic Escherichia coli(DEC)
4	Study of musculoskeletal Tuberculosis among the patients attending tertiary care centre in North eastern India.
5	Detection of mecA gene from the clinical isolates of Staphylococcus aureus
6	Detection of Diarrheogenic Escherichia coli by multiplex PCR
7	Comparative evaluation of single or multiple specimens from central and peripheral lines in conventional and Bact/ALERT blood culture systems in a Tertiary care
8	An attempt to formulate an antibiotic policy in NEIGRIHMS : A pilot study
9	Emergence of Linezolid resistance among Gram positive isolates in NEIGRIHMS
10	Fungal Infections in Intensive Care Unit : A Prospective Study
11	Isolation, Identification and Antimicrobial susceptibility of Neisseria gonorrhoeae isolates from clinical specimens in NEIGRIHMS
12	Isolation, identification and antimicrobial profile of non-diphtherial Corynebacterium spp. From clinical isolates
13	Retrospective Analysis of Bacteriological Profile of Osteomyelitis

Completed

Sl.	Title of project
1	Study of Markers of Hepatitis Viruses in Patients with Chronic Liver Diseases
2	Study of Drug Sensitivity Profile of <i>Mycobacterium tuberculosis</i> isolated from patients attending NEIGRIHMS (PG Thesis)
3	Study of Nosocomial Infections among the patients admitted in the Intensive Care Units of NEIGRIHMS, Shillong
4	Study of Intestinal Parasites among the Immunosuppressed patients attending NEIGRIHMS
5	“Study of Extended Spectrum Beta Lactamase (ESBL) and Metallo Beta Lactamase (MBL) producing clinical isolates of Enterobacteriaceae and non-fermenters in NEIGRIHMS, Shillong”
6	“Study of mycotic infections among immunocompromised patients attending NEIGRIHMS, Shillong with special reference to Candidiasis”
7	Characterization of β -Hemolytic streptococci from clinical isolates
8	A study on HIV-TB co-infection among patients attending NEIGRIHMS, Shillong
9	Detection and Identification of Candida species in patients with clinical cervico vaginal infections Characterization of Candida species from ICU isolates in NEIGRIHMS – A Retrospective study
10	Clinical-mycological profile of dermatophytosis in Meghalaya
11	Characterization of Candida species from ICU isolates in NEIGRIHMS – A Retrospective study
12	Mycological profile of onychomycosis in Meghalaya

Patient care activities

1. Clinical Diagnostic Laboratory Services :-

(i) Number of patients investigated in the Diagnostic Labs. : 50,219

OPD Patients : 21,149

Indoor Patients : 29,070

(ii) No. of Diagnostic tests performed : 3,28,553

(iii) Distribution of Laboratory tests performed :-

Sl. No.	(A) Bacteriology Tests for :	No. of test
1	Blood stream infections	33,201
2	Urinary tract infection	1,09,244

3	Respiratory tract infection	43,135
4	Meningitis, Peritonitis	17,389
5	Soft tissue & wound infection	37,371
6	Gastrointestinal infection	1,670
7	Direct identification of bacteria by Gram stain	5,122
8	Identification of bacterial isolates	13,769
9	Antimicrobial Susceptibility Testing	4,155
10	Detection of H. pylori in crush smear	271
11	Detection of acid fast bacilli in extra-pulmonary samples	1,659
Total		2,66,986

Sl. No.	(B) Serology Tests for :	No. of test
1	Detection of Hepatitis B virus surface antigen	19,085
2	Detection of Hepatitis C virus antibody	18,648
3	Screening of Syphilis by RPR testing	7,124
4	Diagnosis of Enteric fever	1,443
5	Detection of ASO / CRP / RF	4,929
6	TORCH	66
Total		51,295

Sl.	(C) Parasitology Tests for :	No. of test
1	Demonstration of malaria parasites in Peripheral Blood Smears	2,457
2	Detection of protozoa & helminthes ova in stool	1,390
Total		3,847

Sl.	(D) Mycology	6,425
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2. Microbiological Surveillance conducted for ICUs & OTs = 331 nos.

Most of the isolates were Coagulase Negative Staphylococci and Aerobic Spore bearing Bacilli.

3. Designated Microscopic Centre (DMC) :- Started since May, 2008 under RNTCP for demonstration of Acid Fast Bacillus in the sputum samples from both the OPD and IPD patients. Following data were obtained during the reporting period :-

DMC (RNTCP) Report w.e.f. April, 2014 to March, 2015

Total No. of cases	OPD cases				IPD cases			
	New Cases	Old Cases	Relapse cases/others	Total OPD cases	New Cases	Old Cases	Relapse cases/others	Total IPD cases
2392	1118	10	25	1153	1195	39	25	1259

OPD +ve cases		IPD +ve cases		Total +Ve cases	Repeat sputum examination cases		Follow up cases		Positivity rate (%)
New +ve cases	Old +ve cases	New +ve cases	Old +ve cases		-ve	+ve	=ve	+ve	
66	25	58	25	174	46	3	93	29	7.3

4. Integrated Counselling & Testing Centre (ICTC) :- Started functioning since August, 2008 under NACO, Govt. of India. Extended the services to both the Self-Referred and Institutional Referred Clients as a part of prevention and control of HIV transmission.

During the reporting period following services were provided to the Clients for awareness,

counseling, testing for sero-status and referring to Anti-Retroviral Therapy (ART) Centre for further relevant lab. investigations, management and follow up activity. :-

Annual Report of ICTC, NEIGRIHMS, w.e.f. April 2014 – March, 2015

Total Clients			Total Test Done			Total Positive		
Gen	ANC	Total	Gen	ANC	Total	General (%)	ANC (%)	Total
6157	1166	7323	6157	1166	7323	90(1.5)	2(0.2)	92

HIV TB Collaboration			ART Referral		
ICTC to RNTCP(%)	RNTCP to ICTC (%)	Total	General	ANC	Total (%)
2(0.03)	53(0.9)	55(0.9)	90	2	92(100)

5. State Reference Laboratory (SRL) :- NACO identified the Deptt. of Microbiology, NEIGRIHMS as SRL on External Quality Assessment Scheme in HIV testing for the State of Meghalaya. The SRL started the EQAS activity by analyzing sera received on Quarterly basis from various ICTCs including Blood Banks of the State and Panel sera from the National Reference Laboratory (NRL) at NICED, Kolkata since May, 2009 as part of Proficiency Testing.

EQAS activity conducted during April, 2014 to March, 2015

No. of ICTCs under SRL, NEIGRIHMS	No. of Blood Banks under SRL, NEIGRIHMS	Test on the samples received from ICTCs & Blood Banks as a part of EQAS	% of discordance detected.	Samples sent to NRL (NICED), Kolkata as a part of EQAS	% of concordant	No. of Tests on Panel sera received from NRL, (NICED), Kolkata as a part of Proficiency Testing	% of concordant
41	05	432	0.46%	NIL	NIL	16	100%

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As a part of development of human resource in the field of HIV testing in Meghalaya, the SRL also conducted Training / Workshops for Laboratory Technicians of various ICTCs, 24 x 7 PHCs/CHCs and Blood Banks during the reporting period. Special emphasis was made on Biosafety, EQAS and Proficiency Testing, Total Quality Management, Detection of HIV infection & Interpretation of results and SOP in these Training / Workshop with following details :-

Trainings/Workshops conducted by the SRL, NEIGRIHMS

Sl. No.	Name of the Training/Workshops	No. of Participating Centres	No. of Participants
1	One day "SRL Workshop on EQAS in HIV Testing for ICTC Lab. Techs. in the State of Meghalaya" on 8 th December 2014.	16 nos.	16 nos.
2	One day "SRL Workshop on EQAS in HIV Testing for ICTC & Blood Bank Lab. Techs. in the State of Meghalaya" on 25 th March 2015.	21 nos.	21 nos.

DEPARTMENT OF NEUROLOGY

FACULTY

Post	Sanctioned	Current status	Name
Professor	1	-	Vacant
Associate Professor	1	1	Dr.Shri Ram Sharma
Assistant Professor	2	1	Dr.M.Hussain

Education:

- ❖ Undergraduate classes
- ❖ Neuroradiology weekly seminar

- ❖ Training Program for Senior Resident/Junior Residents
- ❖ Observership for DNB students (Nominated from designated hospitals)

CMEs/Workshops/Symposia/National and International Conference:

- ❖ Neurology Colloquium, New Delhi 2015
- ❖ Child Neurocon 2015 KOLKATA
- ❖ International Neuroupdate 2015, Jaipur
- ❖ India –UK Seminar 2015
- ❖ International Neurology Update 2015-Sleep and the Neurologist Mumbai

List of oral papers/posters presented:

<i>Sl. No</i>	<i>Authors</i>	<i>Title of presentation</i>	<i>Name of the Conference</i>	<i>Date</i>	<i>Venue</i>	<i>City</i>
1	Dr. Shri. Ram.Sharma	Bio-Repository of DNA In Stroke (BRAINS): A study protocol involving Three ancestral populations	Annual day NEIGRIHMS	4 March 2015	NEIGRIHMS	Shillong

Research:

Funded project: Ongoing

<i>Sl.No</i>	<i>Title of the project</i>	<i>Name of Principal investigator</i>	<i>Funded by (Name of funding agency)</i>	<i>Duration (Year)</i>	<i>Start Year- End year</i>	<i>Total funds sanctioned (Rs.)</i>
1	Bio-Repository of DNA In Stroke (BRAINS): A study protocol involving Three ancestral populations	Dr. Shri. Ram.Sharma	DBT, GOI	3 years	2014	8 lacs
2	A hospital based study	Dr. M. Hussain	ICMR	2years		Awaiting

	of stroke in a tertiary care centre and the study of antiplatelet effect of aspirin in patients with ischemic stroke					Sanction
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Collaborative projects

Ongoing

Sl.No	Title of the project	Collaborating department/institution
1	Evaluation of loop mediated isothermal amplification and polymerase chain reaction in clinically confirmed Neurocysticercosis patients	Microbiology Department, NEIGRIHMS

Patient Care:

- ❖ OPD's clinics attended per month: 26 days per month
- ❖ IPD duties assigned and done per month
- ❖ Procedures/surgeries undertaken: Botox, tpa, NCV, EMG, EP
- ❖ New techniques developed: Botox, tpa
- ❖ New Services started Creation of disease management Programs for care-continuum: new department started
- ❖ Destination programs (High excellence): fellowship in movement disorder, start DM courses
- ❖ Interdisciplinary clinical treatment that are pace setters for other systems to adopt: neuroradiology, neuropathology, neurorehabilitation, neuroophthalmology, Neurootology etc
- ❖ Development of new models/care delivery methods: mobile stroke unit, autonomic Function testing laboratory

DEPARTMENT OF NEUROSURGERY

FACULTY

Post	Sanctioned	Current status	Name
Professor	1	-	Vacant
Associate Professor	1	-	Vacant
Assistant Professor	2	1	Dr.Arindam Kakoti

Highlights: Neurosurgery OPD was started functioning from April 2013 and is located in the second floor of the Hospital building Room no.202,203,204, OPD functions on all days except Sundays and notified holidays.

Timings are 9:00AM to 4:00Pm from Monday to Saturday.

Average attendance, 25 cases per OPD day both old and new.

Emergency Services: Round the clock on all days, with SRD, JRD and consultant on call

Operation days: Monday and Wednesday, average 2 cases per OT day.

Education:

CMEs/Workshops/Symposia/National and International Conferences:

Name of Faculty member: Dr. Arindom Kakati

1. Basic Course Workshop in Medical Education Technologies from 4 – 6th December 2014 in KGMC, Lucknow.
2. Neurotrauma Conference on August 2014 in Kalakhshetra, Guwahati.
3. 4th International Neurosurgery Update 6th – 8th June 2014 in PD Hinduja Hospital, Mumbai.

Lectures delivered at CMEs, National and International Conferences:

Name of Faculty member:

Sl.No.	Title of talk	Name of the CME/Conference	Date	Venue	City
1	Dr Arindom Kakati	Basic Course Workshop in Medical Education Technologies	4-6 th December 2014	KGMC,	Lucknow
2	Dr Arindom Kakati	Neurotrauma Conference	August 2014	Kalakhshetra	Guwahati
3	Dr Arindom Kakati	4 th International Neurosurgery Update	6-8 th June 2014	P D Hinduja Hospital	Mumbai

Patient Care: Neurosurgery ward was started from June 2013. The 22 bedded ward is situated below the ground floor of the main Hospital building in the right wing of the Hospital. Those patients requiring intensive care are managed in the Intensive Care Unit of the Hospital, under the aegis of the Anaesthesia Department and Paediatric patients requiring intensive care are managed in the Paediatric Intensive Care Unit under the Aegis of the Paediatric Department. All admissions are made in the name of the unit in charge, by the Senior Resident Doctors in consultation with the Neurosurgery consultant.

Departmental Stastics:-

	No. of Patients Male	No. of Patients Female	Total
OPD Attendance	1511	973	2484
Ward Admission	456	201	657
Routine OT	114	62	176
Emergency OT	79	37	153
ICU Admission	226	53	279
Emergency Admission	438	171	609

DEPARTMENT OF OPHTHALMOLOGY

FACULTY

Post	Sanctioned	Current status	Name
Professor	1	1	Dr. P.K. Goswami
Associate Professor	1	1	Dr. Tanie Natung
Assistant Professor	2	2	Dr. Lanalyn Thangkhiew Dr. Benjamin Nongrum

HIGHLIGHTS:

I. Eye OPD:

Department of Ophthalmology runs OPD from Monday to Saturday. The average attendance of patients for 2014 to 2015 is 1511 per month. Specialty clinics viz. the 'Medical Retina Clinic' and 'Squint Clinic' are being conducted every Thursday (I/C - Dr.T.Natung) and Glaucoma Clinic every Wednesday (Dr. B. Nongrum with Dr. L.Thangkhiew).

II. Eye O.T. –

Eye operations like Phacoemulsification and SICS, Strabismus surgeries, Trabeculectomy, Dacryocystorhinostomy, Oculoplasty and Orbit cases are routinely done. Injury cases are common and repaired accordingly.

III. Eye Ward: -

A 10 (ten) bedded Eye Ward for both male and female patients.

EDUCATION:

Undergraduate MBBS course is provided for 2nd and 3rd year students. Classes are held for theory twice a week, clinics daily, demonstration classes twice a week. Apart from that, Undergraduate seminar is held on alternate Saturday.

Theory classes for the Bsc. Nursing students are conducted and bedside clinics were also held.

Classes, case discussions and departmental CMEs were held every month in the department. The department also took active participation in the interdepartmental CMEs conducted every Saturday.

CMEs/Workshops/Symposia/National and International Conference:

Organised a Local CME on the topic “**Oculoplasty**” on 8th August, 2014 at NEIGRIHMS. Dr. Ruchi Goel, Professor of Ophthalmology, Guru Nanak Eye Centre, Maulana Azad Medical College, New Delhi was the Guest Speaker. Ophthalmologists from Meghalaya and nearby Assam participated in the CME.

Lectures delivered at CMEs, National and International Conferences

Name of Faculty member: Dr. Tanie Natung

Sl. No.	Title of talk	Name of the CME/Conference	Date	Venue	City
1.	“Normal Macular Thickness in Healthy Indian Eyes using Spectral-Domain Optical Coherence Tomography”	<i>65th Annual Conference of the Delhi Ophthalmological Society</i>	11-13 th April, 2014.	The Ashok	New Delhi
2.	“Normal Macular Thickness in Healthy Indian Eyes using Spectral-Domain Optical Coherence Tomography”	<i>46th Ophthalmological Society of Assam Annual Conference</i>	17-18 th October, 2014.	Anvik Lawn	Dibrugarh
3.	Comparison of serum cortisol and testosterone levels in acute and chronic central serous chorioretinopathy	46 th Ophthalmological Society of Assam Annual Conference	17 th - 18 th October, 2014.	Anvik Lawn	Dibrugarh
4.	“Sample Size and Statistical analysis Plan”.	Orientation Programme for Post Graduate and Post Doctoral students – 2014	23 rd July, 2014	NEIGRIHMS	Shillong
5.	“Normal Macular Thickness in Healthy Indian Eyes using Spectral-Domain Optical Coherence Tomography”	3 rd Annual Day Celebration of NEIGRIHMS	4 th -5 th March, 2015	NEIGRIHMS	Shillong

Name of Faculty member: Dr. Benjamin Nongrum

Sl. No.	Title of talk	Name of the CME/Conference	Date	Venue	City
1	Introduction to Oculoplasty	CME on Oculoplasty	8 th August 2014	NEIGRIHMS	Shillong

Name of Faculty member: Dr. Lanalyn Thangkhiew

Sl. No	Title of talk	Name of the CME/Conference	Date	Venue	City
1		CME on Oculoplasty	8 th August 2014	NEIGRIHMS	Shillong

Dr. L. Thangkhiew attended the following Workshop/CME

1. Basic course in Medical Education Technology held at KGMC, Lucknow, U.P. from 18th – 20th September, 2014
2. Participated as Resource Person during the Basic Course for Workshop in Medical Education Technology held at NEIGRIHMS from 26th – 28th March, 2015.
3. CME on “Complication of Diabetes & Diabetic Retinopathy” organised by Bansara Eye Care Centre at Shillong on 8th Nov. 2014.
4. Screening and awareness programme organised by Department of Ophthalmology during Glaucoma Week from 8th – 14th Mar, 2015.

List of oral papers/posters presented

Sl. No.	Authors	Title of presentation	Name of the Conference	Date	Venue	City
1.	Natung T, Kreditsu A, Lyngdoh LA, Dkhar B.	“Normal Macular Thickness in Healthy Indian Eyes using Spectral-Domain Optical Coherence Tomography”	<i>65th Annual Conference of the Delhi Ophthalmological Society</i>	11-13 th April, 2014	The Ashok	New Delhi
2.	Natung T, Kreditsu A, Lyngdoh LA, Dkhar B.	“Normal Macular Thickness in Healthy Indian Eyes using Spectral-Domain Optical Coherence Tomography”	<i>46th Ophthalmological Society of Assam Annual Conference</i>	17-18 th October, 2014		Dibrugarh
3.	Natung T, Kreditsu A.	Comparison of serum cortisol and testosterone levels in acute and chronic central serous chorioretinopathy	<i>46th Ophthalmological Society of Assam Annual Conference</i>	17-18 th October, 2014		Dibrugarh

Research: Departmental projects (including thesis/dissertations) Ongoing

S.No.	Title of project
1.	Sutureless, Glue-less Conjunctival Autograft versus Conjunctival Autograft with Sutures in Primary Pterigium Surgery: a Randomized Clinical Trial.
2.	Comparison of 2 drops Vs 3 drops proparacaine 0.5% drops for phacoemulsification surgery. A comparative study.

3.	“Comparison of the iCare Rebound Tonometer with Goldman Applanation Tonometer in Refractive Errors”
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Completed

S.No.	Title of project
1.	Normal Macular Thickness in Healthy Indian Eyes using Spectral-Domain Optical Coherence Tomography”

Patient Care:

The department of Ophthalmology runs OPD six days a week from Monday to Saturday. O.T. days are on Tuesdays and Fridays. Cross references of all departments from OPDs, wards, Casualty, ICU, CCU and PICU are attended to every day. Emergency services are provided 24 hrs a day every day.

OPD attendance

New		Old		Referral		Total
<i>Male</i>	<i>Female</i>	<i>Male</i>	<i>Female</i>	<i>Male</i>	<i>Female</i>	
3292	3857	3280	4271	1649	1788	18137

O.T. attendance:

Male	Female	Total
225	275	500

Eye Ward attendance:-

<i>Male</i>	<i>Female</i>	Total
238	308	546

Awards, Honours and significant events:

Dr. Natung is a Reviewer of International Journal of Ophthalmology.

DEPARTMENT OF ORTHOPAEDICS AND TRAUMA

FACULTY

Post	Sanctioned	Current status	Name
Professor	1	-	Vacant
Associate Professor	1	2	Dr.Bhaskar Borgohain, MS Dr.Sharat Agarwal, MS
Assistant Professor	2	1	Dr.Tashi G.Khonglah, MS

Senior Resident Doctors : 2 (Two)

The Orthopaedics department has emerged as a regional leader in the field of Joint Replacement Surgery, Arthroscopic knee Surgery, complex trauma management and Deformity correction in the government sector. Ceramic on Ceramic hip Replacement and bilateral Reverse hybrid Total hip Replacement successfully performed this year; the first of its kind for Meghalaya. State of the art 'Anatomical' ACL reconstruction for sports injuries by Key-hole (Arthroscopy) has been started this year. Due to high output in academics, research and clinical works throughout the year, several awards were conferred by NEIGRIHMS authority this year to inspire: Dr Bhaskar Borgohain (**Academic Excellence Award 2014-15**), Dr. Sharat Agarwal (**Second Best Research publication: 2014-15**), Dr Tashi Khonglah (**Best attendance: Clinical Grand Rounds 2014**), Sanjay Kumar (**Best Technician: 2014**), Sister Jenifer (**Best Nursing Staff: 2014**). Physiotherapy, Occupational Therapy and Artificial limb Centre team is offering commendable rehabilitation services. The department started revolving fund with administration for bringing transparency in implant surgeries. The Orthopaedic ward (30 bedded) and OPD are conveniently located in the ground floor. The average Bed occupancy rate was 90%. The OPD runs on Tuesday, Thursday, Friday and Saturday and Elective OT (ground floor) runs on Monday and Wednesday. The department is providing prompt emergency Trauma care including emergent surgeries round the clock.

Undergraduate: MBBS Teaching- Clinical, Theory, B.Sc. Nursing Scheduled Classes

Postgraduate: Proposal to start PG programme (MS) taken up in Academic council

Training: Internship to MBBS ongoing, BPT (Physiotherapy) internship Proposal submitted.

Innovative educational activities:

- Early exposure to Research methodology and Biomaterial Research through workshop
- Medical Education training for all orthopaedic faculty to improve teaching-learning
- Orthopaedics-Radiology Meet to ensure cross-over, information sharing and gap reduction
- The department expedited two way interaction in Clinical Grand rounds, Mortality meet, CPC and IEC activities for Disaster management
- Ensuring BLS Training for doctors and staff, etc

CMEs/Workshop/Symposia/National and International conference

organized by the department

	Name of Event	Date	City held at
1	CRE on "Trends on Rehabilitation Therapy and Inclusive development" supported by United States Agency for International Development (USAID) & Mobility India. Organizing Chairman: Dr. B. Borgohain	September 27-29 2014	NEIGRIHMS, Shillong
2	"Symposia on Research Methodology and Biomaterials in Human applications" Supported by DBT and NEIGRIHMS Organizing Chairman: Dr. B. Borgohain	March 20 & 21 2015.	NEIGRIHMS, Shillong
3.	Dr. S. Agarwal: Chairperson at CGR.	June 2014	NEIGRIHMS, Shillong
4.	Dr. B. Borgohain: Chairman at CGR	April 2014	NEIGRIHMS, Shillong
5	Dr. S. Agarwal and Dr. Tashi G. Khonglah conducted and Orthopaedic Camp on "Bone & Joint Day" under the aegis of OSS.	August 4 2014	Bhoilymbong CHC, Meghalaya

Lectures delivered at CMEs, National and International Conferences

Sl. No	Title of Talk	Name of CME/Conference	Date	Venue	City
Name of Faculty member: Dr. Bhaskar Borgohain					
1	Fatigue Analysis of Ortho Joints and Bio Composite Material	Course on "Recent Advancements in Composites"	Coimbatore Institute of Technology	3 rd and 4 th November 2014	Coimbatore, Tamil Nadu.
2	Biomaterials in Orthopaedics" & Orthopaedic Biomaterial including bone substitute"	QIP lecture (PhD Programme)	IIT	26 th February 2015	Guwahati.
4	Biomaterials in joint replacement: Concepts, current trends & limitations	BRAND Symposium	Regional March 20-21 2015	NEIGRIHMS Shillong	Shillong
5	Trends on Rehabilitation Therapy and Inclusive development	Regional CRE -2015	Sept 27-29 2014	NEIGRIHMS Shillong	NEIGRIHMS Shillong
6	Epidemiology, natural history & treatment outcome of major orthopaedic diseases of the North Eastern Region (India) for clinical translational research	State of the art seminar for PhD Thesis work	June 9, 2014	IIT Guwahati Assam Institute level	IIT Guwahati
7	Epidemiology, natural history & treatment outcome of major orthopaedic diseases of the North Eastern Region (India) for clinical translational research	Annul Progress seminar for PhD Thesis	April 29, 2015	IIT Guwahati Assam Institute level	IIT Guwahati
8	The challenges of treating Tuberculosis of spine	International 2014 ICDBT/ International conference on Disease Biology & Therapeutics	3-5 Dec 2014	Institute of Advanced Sciences & Technology Guwahati	Institute of Advanced Sciences & Technology Guwahati
9	Patient safety seminar (WHO Model)	Institute level April 7, 2015	Patient safety in surgery: Protocols & Guidelines	NEIGRIHMS Shillong	Shillong
10	Fracture geometry in distal radius as a predictor of concomitant injury	Research presentation programme	March 5 2015	NEIGRIHMS	Shillong

11	1. Open fractures 2. Unstable pelvic fracture 3. The diagnosis of a tumour like bone lesion	Institute Saturday CGR /CPC/mortality meet/Must know procedures	BETWEEN APRIL 2014- March 2015	NEIGRIHMS	Shillong
12	Orthopaedic-Radiology inter-departmental meet	Institute June , 2014	Radiological evaluation in total joint replacement	NEIGRIHMS	Shillong

Name of Faculty member: Dr. Sharat Agarwal

Sl. No	Title of Talk	Name of CME/Conference	Date	Venue	City
1	Media in Medical Education	MCI Basic Course Workshop on MET	26-28 March 2015	NEIGRIHMS	Shillong
2	Backache, Osteoarthritis and common Pediatric Orthopaedic Problem in Children	All India Radio	11 July 2014	All India Radio studio	Shillong
3	'Live' interactive session for audience	All India Radio	24 th October 2014	All India Radio studio	Shillong

List of oral papers/Poster presented

Sl.	Authors	Title of presentation	Name of conference	Date	Venue	City
1	Dr. S. Agarwal:	'Use of Media in Medical Education'	CME by Medical Education Unit.	28 th June'2014	NEIGRIHMS	Shillong

Research Funded Project: Ongoing

Sl. No	Title of the Project	Name of Principal	Funded by (Name of	Start year-	Total funds sanctioned
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		Investigator	funding agency	End year	(Rs.)
1	“Developing light weight, durable and user friendly artificial limbs through Nanotechnology-based modification of conventional materials and optimizing mechanical component design for enhancing their functional performance”	Dr Bhaskar Borgohain And Dr. S. Kanagraj, IIT Guwahati	DBT	Started on 2012 End year 2015	56 Lakhs
2.	Study of Prevalence demographic profile and risk factors for osteoporosis in a tertiary care Hospital, NEIGRIHMS	Dr. Sharat Agarwal	Applying in process for funding by DBT	-	-

Departmental projects (including thesis/dissertations)

Ongoing

Sl. No	Title of Project
1	Pattern of Analgesic Utilization in Outpatient setting of a tertiary care Hospital, NEIGRIHMS” (On going)
2	Epidemiology, natural history & treatment outcome of major orthopaedic diseases of the North Eastern Region (India) for clinical translational research
3	Microbiological profile in musculoskeletal tuberculosis among the patients attending tertiary health care centre in north-eastern India
4	Value of MRI evaluation of the knee joint in football related sports injuries
5	Assessment of the problem of Osteoporosis among reproductive female in hospital based study
7	Comparative Study Between Efficacy of Cooled Radiofrequency Ablation of Lateral sacral Branch of Sacro-iliac Joint Vs Intra-articular Steroid Injection in patients with Chronic low Back Pain due to Sacro-iliac joint Dysfunction (To be started)
8	Evaluation of intra-articular injection of platelet rich plasma in the management of Chronic Low Back Pain due to Facet Arthropathy (To be started)
9	A Comparative study between plate osteosynthesis and conservative management in Fracture Clavicle at NEIGRIHMS, Shillong. (To be started)

Completed

Sl. No	Title of Project
1	"A prospective NEIGRIHMS hospital based study of Pediatric Orthopaedic problems"

Collaborative Projects

Ongoing

Sl. No	Title of Project
1	"Developing light weight, durable and user friendly artificial limbs through Nanotechnology-based modification of conventional materials and optimizing mechanical component design for enhancing their functional performance" (On going) DBT funded twinning project with IIT Guwahati

Patient care:

The Orthopaedics department has emerged as a regional leader in the field of Joint Replacement Surgery, Arthroscopic knee Surgery, complex trauma management and Deformity correction in the government sector. Ceramic on Ceramic hip Replacement and bilateral reverse hybrid Total hip Replacement successfully performed this year. Due to high output in clinical works, awards were conferred by NEIGRIHMS authority this year to inspire the human resource team of the orthopaedics & Trauma department. The notable facilities available are: Instrumentations for Total hip replacement, Total knee replacement, C-arm & Radiolucent OT table; Instrumentations for deformity correction using Ilizarov apparatus, Spine surgery (TLIF/PLIF etc); Dedicated Sports injury Clinic (Knee and Ankle joint Arthroscopy), Paediatric Orthopaedic Clinic; Alpha mattress beds, SCD Pump for DVT Prevention, advanced Physiotherapy unit (Tilt Table, Microwave diathermy, Hubert tank, TENS etc), occupation therapy facility and artificial limb centre.

Awards, Honours and significant events: Dr. Bhaskar Borgohain

1. **Academic Excellence Award** 2014-15 conferred by NEIGRIHMS authority
2. **AO Fellowship** from BG Trauma Centre Germany
3. Inducted as **Editorial Board Member**, Indian journal of orthopaedics (Pubmed)

4. External examiner to **Delhi University** for MBBS exam, New Delhi.
5. My **PhD Thesis work** with IIT Guwahati : Annual Progress Report approved by DPCC
6. One of the **Best original Research paper** award for 2014-15, Annual Day NEIGRIHMS
7. Member, **State task force** for control of Tuberculosis, Meghalaya
8. Member, **Board of Study** for Professional Courses, N.E.H.U.

Reviewer of Journal: Dr. Bhaskar Borgohain

- Journal of Hand and Microsurgery. Official journal of **Society of Hand & Microsurgeons of India, Kenya & Colombia.**
- Indian Journal of Orthopaedics, Official Journal of Indian Orthopaedic Association indexed in PubMed
- Journal of Clinical Orthopaedics and Trauma, Official publication of the Delhi Orthopaedic Association; indexed in PubMed
- BMJ Case report (British)
- Journal of Neurosciences in Rural Practice, Official International Journal of Asociación Ayuda Enfermo Neuroquirúrgico (**AAEN**) (Assoc. for Helping Neurosurgical Sick People)

Significant events: Dr. Bhaskar Borgohain

- Discharged responsibilities as **Deputy Medical Superintendent**, i/c Emergency Department and i/c CSSD Department.
- Organizing Secretary : Institute **Annual day** Research presentation
- Chief Editor of the editorial board of the **North East Orthoscan**, the official journal of North-East Regional Orthopaedic Surgeons' Association (NEROSA)
- Member, Institutional Committees: Internal purchase committee, Transfusion Committee, Quarter allotment committee, Disaster Management Committee, Official language implementation committee, Hospital Diet committee etc.
- Editor: *Research compendium 2015* (Research methodology & Biomaterials)



Photo: Hon'able Governor of Meghalaya Sri V. *Shanmuganathan* and Director NEIGRIHMS Prof A.G.Ahangar visited the Orthopaedic Ward to see a patient of total hip replacement, June 12, 2015

Awards, Honours and significant events: Dr. Sharat Agarwal

1. Award for **2nd Best Publication** on '3rd Annual Day Celebration of NEIGRIHMS' (5th March'2015)
2. Executive Member (East Zone) Pediatric Orthopedic Society of India (**POSI**) - 2014-2016
3. Dr. S. Agarwal: Chaired the Guest lecture on 'Drug Safety' by Faculty from PGIMER, Chandigarh in the CME on '**Pharmacovigilance**' organized by Department of Pharmacology, under the aegis of Indian Pharmacopoeia Commission, Ministry of Health & Family Welfare, Government of India
4. **Secretary** Orthopedic Society Shillong (OSS) 2014 onwards
5. Member `International Board of Editors' of peer reviewed international Pubmed indexed `Electronic Physician Journal'
6. Member `**Editorial board**' of NEIGRIHMS Journal of Health & Medical Sciences
7. Member, O.T user committee, NEIGRIHMS, Shillong

Awards, Honours and significant events: Dr. Tashi Galen Khonglah

1. Attended MCI Basic course workshop on MET on 26-28 March 2015 at NEIGRIHMS
2. Organizing Secretary of “Symposia on Research Methodology and Biomaterials in Human applications” Supported by DBT and NEIGRIHMS held on 20th and 21st March 2015.
3. Attended NEORSA Mid Term CME on Hand Injuries on 14th Sept. 2014.
4. Awarded for Best attendance among faculty : Clinical Grand Rounds 2014

Visiting Scientist:

- **Prof. P.S.Robi**, IIT Professor of Mech. Eng. & Former Dean (R& D), IIT Guwahati
- **Dr Utpal Bora**, PhD Professor, Biotechnology, IIT G
- **Dr S. Kanagaraj**, PhD. Assoc. Professor Deptt. of Mechanical Engineering, IIT G
- **Dr P. Sukumar**, MBBS, PhD. Asst. Professor, Deptt. of Biotechnology, IIT G
- **Dr Karuna Kalita**, PhD, Associate Professor, Deptt. of Mechanical Engineering, IIT G
- **Dr Hiranya Saikia**, PhD. Sr. Lecturer of Biostatistics, Deptt of Community Medicine, Assam Medical College, Dibrugarh
- **Nitin Sahai**, Faculty, Biomedical Engineering, NEHU, Shillong

OPD ATTENDANCE

Male	Female	Total
9919	9196	19115

Name and No. of Operations and procedures (O.T)

Patients attending Orthopaedic OPD for intervention (Minor procedures) from 1st April 2014 to 31 st March 2015									
Month 2014-15	Injections: Joint/intra-leisonal	Joint Aspiration	Wound Dressing	Stitch Removal	Club foot Corrections/ CTEV	Crepe bandage application	POP Casts		Total
							Plaster/POP Application	POP Removal	
Total	159	91	448	71	25	1014	588	632	3028

No. of Emergency OT performed : 120

ADMISSION

No. of Indoor Patients admitted in Orthopaedics and Trauma

Month	Trauma/ Dislocation				Joint replacement	Spine		Arthroscopy			Deformity correction	Joint Infection			Tumour	Minor procedures	Amputations	Total
	Fracture Fixation	Soft tissue injury/ Skin grafting	Implant removal	Hip & Knee replacement		Fracture	Disc surgery	Diagnostic/others	ACL reconstruction	Meniscectomy		Arthrotomy I & d	Osteomyelitis	Soft Tissue infection				
Total	174	51	7	17	15	0	0	4	1	5	11	2	19	3	8	9	17	333

Admissions, Operations, MLC (Medico-legal case) and Death

Month	Male	Female	New Admission	Operations done	Medico Legal Case	No. of deaths In ward
Total	336	157	493	307	152	3

SPORT INJURY & ARTHROSCOPY CLINIC (SIAC) REPORT

Clinic Head: Dr. Bhaskar Borgohain

SL.NO	GAMES	NO OF PATIENTS REGISTERED	INJURY
1	Football	170	Knee injury: 45 Ankle injury: 23 Leg pain and hip pain: 25 Shoulder, LBA & foot : 7 Elbow, hand & chest injury: 7 Medical fitness exam only: 35
2.	Basketball	13	Finger injury: 4 Knee pain: 3 Ankle injury 3 Others: 3
3.	Cricket	7	Finger and wrist injury: 5

			Shoulder and knee: 2
4.	Athlete	6	Miscellaneous
5.	Boxing	4	Shoulder and hand pain
6	Badminton	3	Miscellaneous
6	Others	7	Miscellaneous

- A total of 210 patients were registered under the **SIAC Clinic** out of which the majority was Football related injuries with knee injuries being the most common.
- The age group range was from 10-41 yrs.
- Many football players were from **Football Clubs** of Shillong, besides others.
- Arthroscopies of the Knee & Ankle Joints were done when indicated.

Physiotherapy and Rehabilitation Activity:

Detail statistics including usage of Physio equipments	
Physiotherapy for O.P. D	
	Total
Home exercise Programme . (Guidance /Demonstration)	5256
TENS Therapy Machine	788
Manual Therapy/Mobilization	2683
Ultra Sound Therapy	2685
IFT	4814
MWD/ Microwave Diathermy	1341
Continuous Passive Motion	123

*SWD/Shortwave Diathermy	172
MST/Faradic	1664
Traction	169
Static cycle/EGRO	1362
Shoulder Wheel	1320
Hot pack/Hydrocollatar	7125
Rowing	1265
Tread Mill	267
Wax	211
Pulley	1621
Parallel bar	40
Tilt Table	17
Laser	5
Total	32928
No. of Patient attending OPD	14705

Physiotherapy unit in NEIGRIHMS is functioning for optimum physical rehabilitation of patients, both in indoor and for outdoor in a disabled friendly environment with six physiotherapists sophisticated equipment based, as well as manual therapy techniques, are being employed. The physiotherapists of the unit are involved in evidence based practices and academics.

Physiotherapy for In- Patient**(Including patients attended in all critical care units like ICU, CCU, and ICCU etc.)**

Modality	Total
Bed side Therapy	4318
MST (Faradic)	54
Ultra sound therapy	58
IFT	162
Tilt Table	122
Tens therapy	19
MWD /Microwave Diathermy	3
CPM (Continuous Passive Motion)	3
SWD (Short Wave Diathermy)	6
Parallel Bar	67
Static Cycle	60
Hot pack	211
Pulley (Shoulder)	38
Rowing	30
Wax	27
Total	5178

Occupational Therapy Annual Report from 1st April, 2014 to 31st March, 2015

Cases	Total
Back Ache	1382
PIVD/ T.B. Spine/	278
Neck pain/	867
Cervical Spondylosis/	334
Low Back Pain with Knee Osteoarthritis	527
Inflammatory Arthritis/Polyarthralgia	452
Knee pain/ Sports related injuries	485
Osteoarthritis/Knee	548
Shoulder/Elbow/ pain	425
Hand Injuries	508
Cerebral/Palsy/ Delayed Milestones	42
Post encephalitis sequelae/	4
Post stroke paralysis/ Head Injury	4
Total No of new registration	5856
*Follow- up cases	168

Statistic Report of Patient attending Prosthetic & Orthotic Services

(Including artificial limb Centre):

Seventy patients were benefitted from the Splints, Orthosis and Prosthesis fabricated in our Prosthetic & Orthotic workshop. Currently, an approved DBT funded collaborative research project is running for

developing light weight four bar linkage knee(artificial limb) using Nanotechnology, with technical collaboration with IIT Guwahati to create design suitable for amputees living in hilly terrain and its human trial has began. **The IIT PhD student working with this IIT-NEIGRIHMS Collaborative research project received prestigious Young Scientist’s Award 2014 from the Honorable President of India for this work.** Additional

Prosthetic & Orthotic Services statistics						
Month	Artificial Limbs AE/BE/AK/BK Prosthesis	Knee splints/Brace	Spinal Brace	Arm, forearm, wrist & hand splints	AFO & shoe modification & Accessories	Total
Total	12	15	21	8	24	70

DEPARTMENT OF OBSTETRICS & GYNAECOLOGY

FACULTY

Post	Sanctioned	Current status	Name
Professor	1	1	Dr.A.Santa Singh
Associate Professor	1	2	Dr.SubratPanda Dr.Manika Agarwal
Assistant Professor	4	2	Dr.Nalini Sharma Dr.Ananya Das

Highlights:

The department has been providing regular in-patient and out-patient care along with emergency and critical care services as well. Academic activities both for undergraduates and post graduates are being arranged from time to time. Artificial reproductive techniques have been going on partly with IVF just to be initiated for patients.

Education:

The departmental academic activities are held regularly in Clinical Teaching – 2 room, located in the 2nd floor. It is a huge room with seating capacity of around 50 and highly sophisticated audiovisual aids. The academic programme consists of the following :-

1. Post – graduate teaching programme.

Clinical bedside teaching rounds by Faculty – Everyday Monday to Saturday except Wednesdays (9 AM to 11 AM)

Clinical Seminars by PG students followed by interactive session on every 2nd Saturday (12:30– 1:30 PM).

Case Presentation by PG students every Wednesday (2:30 - 4 PM).

Journal Club by PG students every Thursday (2:30 - 4 PM).

Statistics (monthly) presentation by SRDs every 1st Saturday (12:30– 1:30 PM).

2. Under – graduate teaching programme.

Clinical bedside teaching for 2010, 2011, 2012 Batch every Monday to Saturday (10:00 AM to 1:00 PM).

Theory lecture classes:-

– 3 classes per week (each of 1 hour duration) & 1 class per week (2 hours duration) on

Problem Based Learning for 2010 Batch.

- 3 classes per week for 2011 Batch.

- 1 class per week for 2012 Batch.

3. B. Sc Nursing teaching programme.

Theory lecture classes (each of 1 hour duration) every Wednesday from 3 PM to 4 PM.

Last but not the least, we are also actively participating in different CMEs and academics meetings of the Shillong Obstetrical and Gynaecological Society (SOGS) under FOGSI.

**CMEs/Workshops/Symposis/National and International Conference:
Lectures Delivered at CMEs, National and International Conferences**

Name of Faculty member: Dr. M. Agarwal

Sl. No	Title of talk	Name of the CME/Conference	Date	Venue	City
1	Took a session on "Skills in Medical Communication"	Orientation programme for 1 st year post-graduate & post doctoral (M.D/M.S/D.M) students	23.07.14	Medical Education Unit, NEIGRIHMS	Shillong
2.	Delivered a talk on "Myths and facts in Gynaecology"			All India Radio	Shillong
3.	Anchored a session on "Gynaecological Cancers"	Workshop cum CME on Gynae oncology (Guest speaker: Dr. K. Uma Devi from Kidwai Cancer Institute, Bangalore)	28.07.14	Deptt. Of Obstetrics & Gynaecology, NEIGRIHMS	Shillong
4.	Moderated a panel discussion on "Obstetrical Emergencies"	XVth Annual SOGS Scientific Conference	20.09.14 - 21.09.14	Pinewood Hotel	Shillong
5.	Gave a lecture on "Communication Skills"	SOGS Meeting	22.08.14	Landmark Hotel	Shillong
6.	Guest speaker on "Grooming, Etiquettes & Communication"	Orientation programme of 1 st year MBBS students	13.11.14	NEIGRIHMS	Shillong
7.	"Prevention of Cancer Cervix" in Breast and Cervical Cancers	Awareness Programme	14.11.14	BSF, Umpling	Shillong
8.	Participated as live expert on the programme "Doctor Se Miliye"		28.11.14	All India Radio (AIR)	Shillong.
9.	Participated in "Basic Course in Medical Education Technologies"		26.03.15 to 28.03.15	NEIGRIHMS	Shillong
10.	Participated as live expert on "Gynaecological Problems"		22.05.15	All India Radio (AIR)	Shillong

Name of Faculty member: Dr. A. Das

Sl. No	Title of talk	Name of the CME/Conference	Date	Venue	City
1	Gestational Diabetes	NEOGSCON 2014	6/12/14	GMCH, Guwahati	Guwahati

List of oral papers/posters presented

Sl. No	Authors	Title of presentation	Name of the Conference	Date	Venue	City
1	Dr. M. Agarwal	Co-author in Poster by PG student on 'Choriocarcinoma presenting as uterine rupture - a rare clinical presentation'	Research Programme for 3 rd Annual Day Celebration	5 th March 2015	NEIGRIHMS	Shillong
2.	Dr. M. Agarwal	Congenital outflow obstructive disorders of Female Genital tract - 4 unique cases	4 th National Conference on Gynae Endocrinology - GESICON 2014	25 th - 27 th April 2014	Hotel Grand Vasant Kunj	New Delhi

3.	Dr. M. Agarwal	Co-author in poster presentation by PG Student on 'Primary Amenorrhoea- A management challenge'	4 th National conference on Gynae Endocrinology – GESICON 2014	25 th – 27 th April 2014	Hotel Grand Vasant Kunj	New Delhi
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Research: Funded project

Ongoing:

Sl.No	Title of the Project	Name of Principal Investigator	Funded by (Name of funding agency)	Duration (year)	Start Year – End Year	Total fund sanctioned (Rs.)
1	Evaluation of cervix with Visual Inspection with Acetic Acid (VIA) and Visual Inspection with Lugol's Iodine (VILI) in comparison with Pap Smear (PG Thesis)	Chief Guide: Dr. M. Agarwal	DBT funded	3 year	2013-2016	1,10,000/-
2	Study of prevalence, demographic profile and risk factors for osteoporosis in a tertiary care center in north-eastern India – A NEIGRIHMS hospital based prospective study	Dr. S. Agarwal as Co-investigator	To be started – in the process of applying to get funded			
3	Effect of grandmulti parity and prolonged lactation as bone mineral density	Dr. Nalini Sharma	-	1 year	2014-2015	
4	Intravenous Iron in Obstetrics & Gynaecological Project	Dr. Ananya Das	-	2 yrs	2015	-

Completed:

Sl. No	Title of the Project	Name of Principal Investigator	Funded by (Name of funding agency)	Duration (year)	Start Year – End Year	Total fund sanctioned (Rs.)
1	Obstetric cholestasis pregnancy outcome with active management	Dr. Nalini Sharma	-	1 year	2014-2015	-

Departmental projects (including thesis/dissertations)

Ongoing:

Sl.No.	Title of project
1.	Fetal Kidney length and transverse diameter of fetal heart measurement for estimation of gestational age in comparison to conventional parameters.
2.	Evaluation of cervix by visual inspection with acetic acid (VIA) & visual inspection with Lugol's iodine (VILI) in comparison with pap smear
3.	A clinical study of perimenopausal uterine bleeding

Completed:

Sl.No.	Title of project
1.	Perinatal outcome analysis in oligohydramnios after 32 weeks of gestation using clinical

	sonological evaluation.
2.	Maternal & Perinatal outcome in hypertensive disorder complicating pregnancy.

Patient Care:

Apart from routine Obs & Gynae patients the department is also providing High Risk Pregnancy, Infertility and Oncology clinics. A lot of OPD procedures viz. Cu-T insertion, Pap smear cervical biopsy, colposcopy, IUI, folliculometry and LASER cervical cauterly, both obstetrics and gynae ultrasound are performed.

In-patient care is also prompt and well-equipped. In Labour Room, we have all the modern amenities, CTG machines, highly sophisticated tables are available. In operation theatres, along with routine surgeries, many laparoscopic procedures are performed.

Visiting Scientist:

Dr. K. Uma from Kidwai Cancer Institute, Bangalore, spoke on chorio carcinoma in the Workshop cum CME on Gynae oncology organized by the Department of Obstetrics & Gynaecology in NEIGRIHMS on the 28th July, 2014

DEPARTMENT OF PEDIATRICS

FACULTY

Post	Sanctioned	Current status	Name
Professor	1	1	Dr.Jnanendra Nath Sharma
Associate Professor	1	1	Dr.Himesh Barman
Assistant Professor	2	1	Dr.Sourabh G.Duwahar

Highlights:

Over the last year the department of pediatrics, NEIGRIHMS was involved in teaching, research, patient care and also corporate activities. The syllabus for the undergraduate course was streamlined and 2010 batch successfully completed the MBBS course. The department organized many training programmes like-PALS course for nurses, Refresher course for medical officers of Meghalaya and a workshop on Growth and developmental pediatrics. There was also a visit by a foreign faculty Dr.Martin Bitzan, Pediatric nephrologist from Montreal Children's hospital, Canada who gave a talk on acute kidney injury in children. Faculty from the department also participated in various conferences and CME's all over the country. The department was also actively involved in research activities resulting in three international and four national publications.

The department has also been able to be a referral point for patients from all over the North East and also the state. The intensive care facilities of the department, PICU and NICU have been able to provide high end care for critically ill children from all over the north east region. The Pediatric Nephrology service of the department has also been a referral centre for patients from all over North east.

Education:

Undergraduate:

1. Number of lectures and seminars : 105
2. Clinical bedside teaching: 191
3. Problem based learning: 33

Postgraduate:

1. Neonatology class for Obs & Gynae post graduate students: 15 hour.
2. Neuroradiology meet: 10 hours

Nursing:

1. Training on recognition of sick child and Neonatal resuscitation to staff nurses of the department.

CMEs/Workshops/Symposia/National and International Conferences:

1. Paediatric Advanced Life Support (PALS) course for Nurses was held on 9th May 2014 in association with the Indian Academy of Pediatrics (IAP) Meghalaya State Branch at NEIGRIHMS.
2. Undergraduates (Local College Round) Pediatrics quiz associated with IAP Meghalaya State Branch was held on 18th July 2014 at NEIGRIHMS.
3. Refresher course in Basic pediatrics for Medical Officers of Meghalaya was held on 19th September 2014 at NEIGRIHMS and 28th October 2014 at Mairang.
4. Growth Developmental and Behavioral Pediatrics (GDBP) workshop was held on 15th November 2014 at NEIGRIHMS.

Lectures delivered at CMEs, National and International Conferences

Name of Faculty member:

1. Dr. J. N. Sharma, Professor & HOD

Sl. No.	Title of talk	Name of the CME/Conference	Date	Venue	City
1.	Complementary feeding in an exclusively breast fed infant	Refresher course in basic pediatric for medical officers	19 th September 2014	NEIGRIHMS	Shillong
2.	Treatment of Acute exacerbation of asthma	Refresher course in basic pediatric for medical officers	19 th September 2014	NEIGRIHMS	Shillong
3.	Complementary feeding in an exclusively breast fed infant	Refresher course in basic pediatric for medical officers	28 th October 2014	Mairang, Meghalaya	Mairang
4.	Treatment of Acute exacerbation of asthma	Refresher course in basic pediatric for medical officers	28 th October 2014	Mairang, Meghalaya	Mairang
5.	The Academic Roadmap MBBS	Undergraduate orientation programme	13 th November 2014	NEIGRIHMS	Shillong

2. Dr. Himesh Barman, Associate Professor

Sl. No.	Title of talk	Name of the CME/Conference	Date	Venue	City
1.	Self directed learning skills	Post graduation orientation programme	23 rd July 2014	NEIGRIHMS	Shillong
2.	Febrile seizures: how serious are they?	Refresher course in basic pediatric for medical officers	19 th September 2014	NEIGRIHMS	Shillong
3.	Febrile seizures: how serious are they?	Refresher course in basic pediatric for medical officers	28 th October 2014	Mairang, Meghalaya	Mairang
4.	Steroid resistant nephrotic syndrome	“21 st East Zone PEDICON and TRIPEDICON ;2014”	7 th to 9 th November, 2014	Agartala, Tripura	Agartala
5.	Tips for effective learning	Undergraduate orientation programme	13 th November 2014	NEIGRIHMS	Shillong
6.	Improving outcome in steroid resistant nephrotic syndrome	CME of IAP Barak valley	6 th December 2014	Silchar Assam	Silchar

7.	Teaching learning principle and interactive teaching methods	MCI Basic course workshop on medical education technology	26 th -28 th March 2015	NEIGRIHMS	Shillong
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3. **Dr. Sourabh Gohain Duwarah, Assistant Professor**

Sl. No.	Title of talk	Name of the CME/Conference	Date	Venue	City
1.	Cerebral malaria: An approach	Refresher course in basic pediatrics for medical officers	19 th September 2014	NEIGRIHMS	Shillong
2.	Pediatrics and Neonatology	Undergraduate orientation programme	13 th November 2014	NEIGRIHMS	Shillong
3.	Basic Life support	“Assam State Pedicon 2014”	28 th & 29 th December, 2014	FAAMCH, Barpeta, Assam	Barpeta
4.	MCQs and Item analysis	MCI Basic course workshop on medical education technology	26 th -28 th March 2015	NEIGRIHMS	Shillong

List of oral papers/posters presented

Sl. No.	Authors	Title of presentation	Name of the Conference	Date	Venue	City
1.	Himesh Barman	Pottels equation performs well against height dependent equation for estimation of GFR in Indian children	Annual Day research presentation	4 th March 2015	NEIGRIHMS	Shillong
2.	SG Duwarah	Composition and antimicrobial resistance pattern of microbial flora on the hands of health care personal	Annual Day research presentation	4 th March 2015	NEIGRIHMS	Shillong
3.	Ripon Debbarma	Profile of Takayasu Arteritis in Children admitted in NEIGRIHMS	Annual Day research presentation	4 th March 2015	NEIGRIHMS	Shillong

Research:Funded project:Ongoing

S. No.	Title of the Project	Name of Principal Investigator	Funded by (Name of funding agency)	Duration (year)	Start year – End year	Total funds sanctioned(Rs.)
1.	“Study of prevalence of iodine deficiency and abnormal thyroid function test among pregnant women and	Dr. Alice A Ruram	ICMR	3 year	July 2012 – July 2015	

	neonates in NEIGRIHMS, Shillong					
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Completed

S. No.	Title of the Project	Name of Principal Investigator	Funded by (Name of funding agency)	Duration (year)	Start year – End year	Total funds sanctioned(R s.)
	Composition and antimicrobial resistance pattern of microbial flora on the hands of health care personal	Dr.S.G.Duwarah	None	1 month	June-July 2014	None

Departmental projects (including thesis / dissertations):Ongoing

S.	Title of project
1.	Detection of Diarrhoeogenic E Coli by multiple PCR
2.	To study the prevalence of viruses in upper respiratory tract infection in paediatric patients attending NEIGRIHMS with special reference to respiratory s
3.	Prevalence of vitamin D deficiency in infants attending well baby clinic department of Pediatrics, NEIGRIHMS

Completed

S.	Title of project
1.	Spectrum of Glomerular Diseases at NEIGRIHMS: Study by light and Immuno Fluorescence microscopy
2.	Outcome of
3.	A study of maternal and perinatal morbidity and mortality in hypertensive disorders complicating pregnancy

Patient Care:

Outpatient services:

General pediatric OPD: 6 days a week

Total Patient attended: 16,817

Average: 1401.41/month

Pediatric nephrology clinic: Thursdays (11 am - 1 pm)

Total patient attended: 123

Emergency services:

24 hours emergency service

Patient attended: 1971

Admission: 868

No admission: 1103

In patient services:

Pediatric general ward:

- Total beds: 36

- Total admissions: 1653
- Monthly bed occupancy: 73.3 %

Pediatric Intensive care unit: 13 bedded general pediatric ward

- Total beds: 13
- Total admissions: 628
- Total underwent ventilation: 169
- Bed occupancy: 68.9%

Neonatal intensive care unit:

- Total beds:6
- Cesareans attended: 743
- Total admission: 263
- CPAP: 43
- Mechanical ventilation: 12
- Bed occupancy: 68.2%

Awards, Honours and significant events:

❖ **Himesh Barman**

1. Represented Indian academy of pediatrics in state committee for implementation of intensified diarrhea control fortnight (IDCF) programme
2. Served as member of state task force for immunization in state of Meghalaya for year 2014 representing Indian Academy of Pediatric Meghalaya state branch
3. Served as the member of RNTCP institute committee
4. Reviewers of Indian pediatrics, Indian journal of pediatrics and Saudi journal of kidney disease and transplant
5. President of IAP Meghalaya for year 2014

❖ **Dr. Sourabh Gohain Duwarah**

1. Editor of IAP Meghalaya journal
2. Vice Chairperson of RNTCP institute committee

Visiting Scientist:

Provide the name, Institutional affiliation, city and country of persons visiting with official approval.

1. Dr Martin Bitzan, Associate Professor and Director of Nephrology, Montreal's children's hospital, Canada, 12-13 December 2014

List of conferences / workshop attended by Senior Resident

Dr. Rosina Ksoo – Workshop attended on Pulmonary Investigations, PEDICON 2015, New Delhi on 21st January 2015

Dr. Ripan Debbarma – Workshop attended on ICU – Investigations role of Imaging & Ultrasound in PICU, PEDICON 2015, New Delhi on 21st January 2015

DEPARTMENT OF PATHOLOGY

FACULTY

Post	Sanctioned	Current status	Name
Professor & Head	1	1	Dr. Vandana Raphael
Associate Professor	2	2	Dr. Yookarin Khonglah Dr. Jaya Mishra
Assistant Professor	2	1	Dr. Evasaralin Marbaniang

The department has service laboratories for Hematology, Clinical pathology, Histopathology, Cytopathology & Gynecologic pathology, Renal pathology and Immunopathology. In addition to the existing routine and specialized laboratories, a fully automated liquid based cytology, Neuropathology lab, Flow Cytometry Lab, Molecular Genetics Lab and Cytogenetics Lab were initiated during the year 2013-2014.

Highlights –

- Routine diagnostic services including liquid based cytology for cervical smears, neuropathology services with specific neuropathological markers and flow cytometric analysis for the diagnosis of leukemias and lymphomas have now been regularised.
- There has also been an increase in the MD seats from 2 to 3/year.
- Department has established the R&D lab for biotechnology funded by DBT, GOI

Education:

Please provide a list all the academic activities including undergraduate, postgraduate, paramedical teaching, short term/long term training and innovative educational activities. Please mention changes during the year.

Sl	Course	Educational activities
1	MBBS	Didactic lectures/Student Seminars/ Problem based learning / Tutorials Demonstration/Practicals
2	BSc nursing	Didactic lectures Demonstration/Practicals
3	Post Graduates(MD Pathology)	Weekly - Slide seminars,Gross seminars

		Subject seminars,Clinicopathological case discussions And Journal club Monthly -Faculty seminar,Slide Tests,autopsy review Thesis protocol presentations and review meetings quarterly,Internal Assessment periodically
4	Laboratory Technicians	Weekly Technical seminars
5	Training Junior Research Fellow	Daily review of the research work and monthly project progress review with discussions

CMEs/Workshops/Symposia/National and International Conference:

Please provide a list of events organized by the department. For each event please provide: Name of the event, date and city.

1. Hematology quiz for MBBS and Postgraduate students, July 2014, NEIGRIHMS
2. Hands-on workshop on vacutainer use for nursing staff August & September 2014,NEIGRIHMS
3. Symposia on Pre-analytical errors for nursing staff October 2014,NEIGRIHMS

Lectures delivered at CMEs, National and International Conferences

(all lectures, invited talks, plenary lectures, guest lectures except named Orations are to be listed here)

Name of Faculty member: Dr Yookarin Khonglah

Sl.No.	Title of talk	Name of the CME/Conference	Date	Venue	City
1.	Taxonomy of Educational Objectives	Basic course workshop in medical education technologies	26 th -28 th March 2015	NEIGRIHMS	Shillong
2.	Basics of hemostasis for surgeons	CME on intra operative hemostasis	March 2015	NEIGRIHMS	Shillong

Name of Faculty member: Dr Jaya Mishra

Sl.No.	Title of talk	Name of the CME/Conference	Date	Venue	City
1.	Panel Discussion on Specialized Microscopy	Research Methodology workshop	2015	NEIGRIHMS	Shillong

Name of Faculty : Prof V Raphael

Sl.No.	Title of talk	Name of the CME/Conference	Date	Venue	City
1.	Panel Discussion on Thyroid Cancer Management	CME in Thyroid disorders	2014	Nazareth Hospital	Shillong
2	Braf mutation study in Thyroid cancers	CME in Thyroid disorders	2014	Nazareth Hospital	Shillong

List of oral papers/posters presented (This list should be in chronological order)

Sl no.	Authors	Title of presentation	Name of the Conference	Date	Venue	City
1	Aman M, Khonglah Y, Hage N, Lyngdoh M	Gout nodulosis – an unusual presentation of gout	NERCON 2014	27-28 th September 2014	Kohima	Kohima Nagaland
2	Kalantri S Raphael V, Khonglah Y, Mishra J	Lymphoepithelial carcinoma of salivary gland – a case report	NERCON 2014	27-28 th September 2014	Kohima	Kohima Nagaland
3	.B.B.Gogoi, J.Mishra, Y. Khonglah, .V.Raphael, B.Shunyu*	Encapsulated follicular variant of papillary carcinoma of thyroid - a case report	NERCON 2014	27-28 th September 2014	Kohima	Kohima Nagaland
4	Khonglah Y, Raphael V ,JitaniA, Kakoti A, Phukan P.	Primary CNS lymphoma with steroid effect: a diagnostic dilemma	Haematocon 2014, 55 th Annual conference of Indian Society of	6 th - 8 th November 2014	Ramoji Film City	Hyderabad

			Haematology and blood transfusion			
5	Shah N, Khonglah Y, Raphael V, Swer B, Singh AS.	Antenatal screening for hemoglobinopathies with HPLC	Haematocon 2014 and NERCON 2014, Annual Day NEIGRIHMS	6 th - 8 th November 2014 September 2014 and Mar 2015	Ramoji Film City	Hyderabad & Kohima
6	Jajodia E, Mishra J, Khonglah Y, Kakoti A, Handique A.	Primary bone lymphoma: a case report of a polyostotic disease	Haematocon 2014,	6 th - 8 th November 2014	Ramoji Film City	Hyderabad
7	Jitani A, Khonglah Y, Mishra J, Raphael V, Natung T.	Case of Juvenile myelomonocytic leukemia	Haematocon 2014 and NERCON 2014	6 th - 8 th November 2014 September 2014	Ramoji Film City	Hyderabad & Kohima
8	Saikia A, Raphael V, Khonglah Y, Mishra J, Bryan S.	Analysis of Epstein Barr Virus encoded RNA(EBER) expression in Nasopharyngeal carcinoma by CISH	5 th International conference on stem cell and cancer . NERCON 2014, Annual Day NEIGRIHMS	3 rd - 5 th November 2014 Septembr 2014 and Mar 2015	New delhi	New Delhi
9	Gogoi BB, Khonglah Y, Kumar R, Lynrah KG.	Synchronous occurrence of two distinct primary tumors in esophagus	NEIGRIHMS Annual day Research presentation	4 th March 2015	NEIGRIHMS	Shillong
10	Ghosh S, Topno N, Khongwar D, Khonglah Y.	Malignant melanoma in anorectum.	NEIGRIHMS Annual day Research presentation	4 th March 2015	NEIGRIHMS	Shillong
11	Ralte S, Bhattacharya A, Khonglah Y.	A case report of pyramidal lobe of thyroid gland and its clinical implications	NEIGRIHMS Annual day Research presentation	4 th March 2015	NEIGRIHMS	Shillong
12	Thakur B K, Verma S,	Clinical, Trichoscopic	NEIGRIHMS	4 th March	NEIGRIHMS	Shillong

	Raphael V.	and Histopathological features of primary cicatricial alopecias: A retrospective observational study at a tertiary care centre of north east.	Annual day Research presentation	2015		
13	Pala S, Raphael V, Kalita B	DLHS Survey of Meghalaya.	NEIGRIHMS Annual day Research presentation	4 th March 2015	NEIGRIHMS	Shillong
14	Dympep B, Kakoti A, Shunyu B, Phukan P, Khonglah Y.	Aneurysmal bone cyst of the frontal bone: a case report.	NEIGRIHMS Annual day Research presentation	4 th March 2015	NEIGRIHMS	Shillong
15	Jajodia E, Khonglah Y, Raphael V, Mishra J.	Varied presentations of Myeloid sarcoma	Imphal Mid term CME-2015	March 2015	Imphal	Imphal Manipur
16	Aman M, Khonglah Y, Raphael V, Mishra J	Cutaneous melanoma of the breast	Imphal Mid term CME-2015	March 2015	Imphal	Imphal Manipur
17	Nobin H, Mishra J, Sailo S	Sebaceous carcinoma of the penile region- a rare case report-	Imphal Mid term CME-2015	March 2015	Imphal	Imphal Manipur
17	Pholgu PC, Raphael V	Collision tumor of MPNST with benign schwannoma	Imphal Mid term CME-2015	March 2015	Imphal	Imphal Manipur

Research:Funded project:Ongoing

S.No.	Title of the Project	Name of Principal Investigator	Funded by (Name of funding agency)	Duration (year)	Start Year-End year	Total funds sanctioned (Rs.)
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1.	DBT project for infrastructure creation for R& D Lab in Medical Biotechnology	Prof. Vandana Raphael	Department of Biotechnology,GOI	3 years	2013-2016	446 lakhs
2.	Expression of GP-30 protein in breast cancers.	Prof. Vandana Raphael,GOI	Department of Biotechnology	3 years	2014-17	16 lacs

Completed

S.No.	Title of the Project	Name of Principal Investigator	Funded by (Name of funding agency)	Duration (year)	Start Year-End year	Total funds sanctioned (Rs.)
1.	Antenatal screening for hemoglobinopathies.	Dr Yookarin Khonglah	Department of Biotechnology	1 ½ years	2013-2015	1.25 lakhs
2.	Study on prevalence of EBV in nasopharyngeal carcinoma.	Prof.Vandana Raphael	Department of Biotechnology	1 ½ years	2013-2015	1.25 lakhs

Departmental projects (including thesis/dissertations)

Ongoing (Please do not list faculty/guide/candidate names or whether it is a PhD, DM, MD thesis, etc)

S.No.	Title of project
1.	Role of brush biopsy and DNA cytometry in the diagnosis of oral premalignant and malignant lesion
2.	Analysis of lymphocyte subsets in alcoholic liver disease
3.	Efficacy of intraoperative tissue diagnosis in central nervous system lesions.
4.	Prevalence of HPV infection in abnormal PAP smears.

Completed

S.No.	Title of project
1	Antenatal screening for hemoglobinopathies. Funded by DBT
2	Study on prevalence of EBV in nasopharyngeal carcinoma. Funded by DBT.

Collaborative Projects:Ongoing

S.No.	Title of Project	Collaborating department/institution
1.	Mean signal intensity curve analysis in brain tumors by dynamic susceptibility contrast MR perfusion imaging–funded by DBT	Department of Radiodiagnosis
2.	A study on Helicobacter Pylori infection in patients with calculous cholecystitis	Department of General Surgery
3.	Red blood cell antigen typing among the indigenous population of Meghalaya.	Blood Bank, Community Medicine
4.	VILI screening in correlation with Pap smear	O&G
5.	NASH assessment in Liver in patients with cholecystitis.	Department of General Surgery

Patient Care:

In patient care/supportive activities include information regarding: (a) facilities available in the department (including special clinics and/or special laboratory facilities (b) community services/campus etc.

Special Laboratory services –

- Frozen section laboratory – for intraoperative diagnosis
- Renal Pathology – reports on renal biopsy includes light microscopy and Immunoflourescence
- Neuropathology – Intraoperative diagnosis along with specific neurological markers on immunohistochemistry
- Dermatopathology – reports on light microscopy and immunoflourescence

- Flow cytometry Laboratory – for the diagnosis of leukemias and lymphomas
- Screening for cervical cancer by Fully automated Liquepap system
- HPLC for the diagnosis of hemoglobinopathies
- Cytogenetics : Karyotyping, FISH for lymphoma , leukemia and breast cancers

Awards, Honours and significant events:

List only awards, honours and named orations of national and international repute, conferred (non-elected) memberships of fellowships, offices of the international and national societies and journals. Do not list lectures delivered at CMEs and conferences. Also include any major academic activity which is not included under teaching, research and patient care activities. Workshops, symposia etc. already under CME, should not be repeated under this section. These can also include membership of Programme Advisory Committee, Scientific Advisory Committee, Research Advisory Committee, Government Advisory. Please limit this information to a maximum of 500 words.

1. First prize in poster presentation in Imphal Mid term CME for paper titled “Varied presentations of Myeloid sarcoma”
2. First prize in poster presentation in NEIGRIHMS Annual day research presentation for paper titled “Synchronous occurrence of two distinct primary tumors in esophagus”
3. First prize in poster category in NEIGRIHMS Annual day research presentation for paper titled “Case of Juvenile myelomonocytic leukemia”
4. First prize in paper presentation in NEIGRIHMS Annual day research presentation for paper titled “Clinical, Trichoscopic and Histopathological features of primary cicatricial alopecias: A retrospective observational study at a tertiary care centre of north east”
5. Contributed a chapter on Taxonomy of educational objectives to the “Handbook on Basics of Medical education” brought out by Medical Education unit, NEIGRIHMS
6. Prof. V. Raphael is in addition to HOD, functioning as Dean of NEIGRIHMS, Chairperson of IEC,NEHU,Shillong, Chairperson Laboratory Services, Editor of NEIGRIHMS J of health & Medical Sciences, Member of IEC, Thesis Committee, NEIGRIHMS, Chairperson of Research Committee NEIGRIHMS, External expert for Evaluation of Progress of SRF(PhD) at NEHU, Biosafety Inspector for the Institutional Biosafety Committee at NEHU, External Examiner for Manipur University , Shankaradeva University Assam, Tripura University.
7. Dr Y. Khonglah is Sub Dean Student affairs, Chairperson of NEIGRIHMS Internal Complaints Committee for Prevention of Sexual Harassment, Warden MBBS Girls Hostel, Sub committee member of Medical education unit, Member of IEC,NEHU.
8. Dr Jaya Mishra is also Assistant warden of MBBS Girls Hostel.

Visiting Scientist:

Provide the name, Institutional affiliation, city and country of persons visiting with official approval.

- Dr Venetia Sarode, UT South Western Medical Centre, Dallas ,Texas

DEPARTMENT OF PHYSIOLOGY

FACULTY

Post	Sanctioned	Current status	Name
Professor & Head	1	-	Vacant
Associate Professor	1	1	Dr.Rituparna Barooah
Assistant Professor	1	1	Dr.John A.Lyngdoh

Highlights:

Two Research activities on 1st Yr. MBBS

- Usefulness of group formative feedback
- Short term research activities (FAIMER Project)

Education:

Objective internal Assessment

- Peer corrected objective tests
- Assignments
- Short term research projects
- Conduct, regularity
- Online teaching in Google, Moodle
- Group activity and peer assisted learn based learning Didactic lecture, Demonstration, relevant clinical exposure/ seminar

CMEs/workshops/Symposia/National and International Conference:

Name: Dr. Rituparna Barooah

1. "Basics of Good Clinical Practice" CDSA 28th & 29th March 2014, NEIGRIHMS, Shillong.
2. "Clinical Laboratory Quality Management System: Road to Accreditation" 20th May 2014, NEIGRIHMS, Biochemistry, Shillong.
3. "Clinical Relevance of Autonomic Function Testing" funded by NEIGRIHMS and NEC. 13th June 2014, NEIGRIHMS, Shillong
4. "Assessment of Autonomic Function in Human Beings" SSUHS, 16th June, 2014 Guwahati, Assam.
5. Pharmacovigilance, Underaegis of Indian Pharmacopoeia Commission(IPC), 28th June 2014 NEIGRIHMS, Pharmacology, Shillong.
6. "health Professions Education Engage your learners: promotive active and deep learning in your large classes" 24th- 27th September 2014, Sevagram

7. "Curriculum Review and Planning: towards transformative Health Professions Education"
24th- 27th September 2014, Sevagram
8. "Developing medical curricula Toward genetic literacy" 12-15th November 2014, Colombo, Sri Lanka
9. "Simulation in Medical Education" 12-15th November 2014, Colombo, Sri Lanka
10. "Teaching communication skills" 12-15th November 2014, Colombo, Sri Lanka
11. "Clinical and Experimental Neurophysiology" 17th – 19th December 2014, Puducherry.
12. Preparation of manuscript and publication of research papers in indexed journals" 17th – 19th December 2014, Puducherry.
13. "Essential skills in medical Education(ESME)" conducted by Association of Medical Educators of Europe
9th – 11th January 2015.
14. "Regional CME workshop on Medico legal Reporting" 12th June, 2015, NEIGRIHMS, Shillong.
15. "Competency Based Medical Education" 18th – 21st June 2015, at PSG-Coimbatore.

Name: Dr. John A. Lyngdoh

1. "How to teach Evidence based Child Health" PGIMER, 30th Jan-1st February 2014, NEIGRIHMS, Shillong
2. Basics of Good Clinical Practice Clinical Development Services Agency An Extramural unit of Translational Health Science and Technology Institute DBT, 28th -29th March 2014, NEIGRIHMS, Shillong
3. "Clinical Laboratory Quality Management Road to Accreditation" Department of Biochemistry, 20th May, 2014, NEIGRIHMS, Shillong
4. "Clinical Relevance of Autonomic Function Testing" CME-cum-Seminar, 13th June, 2014, NEIGRIHMS, Shillong
5. Underaegis of Indian Pharmacopoeia Commission(IPC), Pharmacovigilance, 28th June 2014, NEIGRIHMS, Shillong
6. Faculty improvement programme Star college Scheme, 28th October 2014, St. Edmund College, Shillong.
7. Faculty Development Programme MET Dept in collaboration with MCI, 26-28th March, 2015, NEIGRIHMS, Shillong
8. "Regional CME workshop on Medico legal Reporting" 12th June, 2015, NEIGRIHMS, Shillong
9. Workshop on Basic Life support NEIGRIHMS collaboration with EMRI, 16 June 2015, NEIGRIHMS, Shillong

Lectures delivered at CMEs, National and International Conference:

Name of Faculty member: Dr. Rituparna Barooah

List of Oral Papers/Poster presented (this list should be in chronological order)

Dr. Rituparna Barooah (Associate professor)

1. “Usefulness of group formative feedback to offset faculty shortage.”
Health Professions Education
Engage your learners: promotive active and deep learning in your large classes
Curriculum Review and Planning: Towards Transformative Health Professions Education 24-27 Sept 2014, MGMIS, Sevagram, 2014, Wardha
2. Introduction of STR in Physiology Curriculum
3rd Conference of the SEARAME & the 2nd Conference of the Forum of Sri Lankan Medical Educationists
Developing Medical Curricula Towards Genetic Literacy Simulation in Medical Education, 12-15th Nov 2014, Colombo, Sri Lanka
3. Research – Igniting interest in undergraduates in Physiology- Clinical, Experimental and Neurophysiology, 1st National Conference of Association of Physiologist of India, 17th-19th Dec,2014, Pudicherry
4. “Exposure to clinics as adjunct to physiology teaching” International Convention on Challenges in Medical Education, 9-11 Jan 2015, MGMS Aurangabad, Maharashtra.

Research: Funded project :Ongoing

S. No	Title of the project	Name of principal Investigator	Funded by (Name of funding agency)	Start Year – End year
1.	Baro- Reflex Sentivity Etiology of Essential Hypertension and other life style disorders.	Dr. Rituparna Barooah	Funding applied for	2003
2.	Age-related Autonomic Changes in the elderly in khasi hills.	Dr. Rituparna Barooah	Funding applied for	2004
3.	BMI, Liver Enzymes & LIPID changes with different pattern and choice of alcohol consumption in Adult Khasi Males.	Dr. Rituparna Barooah and Dr. John A. Lyngdoh	Funding applied for	2009
4.	Role of Mediation and Yoga in prevalence of diabetes	Dr. Rituparna Barooah	Funding applied for	

	mellitus.			2012
5.	Normative Spirometric values in Khasi Population of Meghalaya (proposal to be cleared by IEC, NEIGRIHMS)	Dr. John A. Lyngdoh	To apply after IEC clearance	-

Completed

S. No	Title of the project	Name of principal Investigator	Duration	Start Year – End year	Total funds sanctioned (Rs.)
1.	Introduction of Research in Physiology curriculum	Dr. Rituparna Barooah	2 years	2013	2015

Publications:

1. Abstract on “Research in physiology-igniting interest in undergraduates” published in 1st National Conference of Association of Physiologists of India Golden ASSOPICON 2014 from 15th – 19th December, 2014 – Dr. Rituparna Barooah
2. Abstract on “ Introducing research into the undergraduate physiology curriculum” published in 3rd SEARAME conference 2014 from 12th – 15th November 2014, Colombo, Sri Lanka.
3. Abstract on “ Early Clinical Exposure –when and how. A students’ perspective” in International Convention on Challenges in Medical Education 2015 from 9th – 11th January, 2015, Aurangabad.
4. Chapters in handbook of medical education: Dr. Rituparna Barooah
 - Giving feedback
 - Interactive teaching in large groups
 - Motivation for learning
 - Adult learning

Patient Care:

Awards, Honours and Significant events:

Dr. Rituparna Barooah – Awarded FAIMER Fellowship 2013

Visiting Faculty: Dr. Rituparna Barooah- LGB institute of Mental Health Tezpur (Neurophysiology)

DEPARTMENT OF PHARMACOLOGY

FACULTY:

Post	Capacity	Current status	Name
Professor	1	1	Dr. Chayna Sarkar
Associate Professor	1	1	Dr. Dhriti Kr. Brahma
Assistant Professor	1	1	Dr. Julie B. Wahlang

Highlights:

The department aims at contributing fully towards fulfillment of all the aspects of the multi-pronged Aims and objectives of the Institute. It was involved in imparting regular classes for undergraduate MBBS and BSc. nursing students. The department uses audiovisual and other modern aids, softwares and computer assisted learning methods for teaching purposes. The department is also engaged in "Pharmacovigilance" activities and it is encouraging spontaneous Adverse Drug Reaction (ADR) reporting system in NEIGRIHMS. Pharmacovigilance training programme was also conducted for all the nurses of the institute phase wise during the month May- June'2014. The department starts doing research works on Indigenous plants in animal models. In this regard some of the equipments like NIBP have been purchased this year. The department has also been equipped with highly sophisticated instruments like HPLC for qualitative and quantitative analysis of drugs and is planning to start patient care related activities like therapeutic drug monitoring in the near future. The department has been actively involved in organizing two important events (National conference & Regional CME) with Gauhati Medical College and NEIGRIHMS respectively. The department is fully prepared to start postgraduate course.

Education:

1. The department is presently imparting training to the 2nd year MBBS students both theory and practical. Total theory and tutorial during the period : 143 Hrs. (April to July – 1 batch and Aug to Nov. – 2 Batches). Total Practical and Demonstration Classes : 210 Hrs. (April to July – 1 batch and Aug to Nov. – 2 Batches)
2. The department is also imparting training to the 2nd year B.Sc. Nursing students of the college of Nursing. It takes 2 (two) nos. of theory classes per week by faculty and/or resident doctors of the department.
3. The department uses software and audiovisual aids, computer simulation software (CAL) of different animal experiments and animations for teaching purposes.
4. Ongoing Research work on Indigenous plant using animal models and drug analysis by HPLC.

The Department also takes part and presented in the Clinical Grand Rounds (CGR) of the Institution.

The Department is holding monthly seminars on the 2nd Saturdays of every month presented by Resident Doctors and Faculty on various topics of Pharmacology.

Internal Examinations conducted: 3 (Three) including theory, practical and viva for MBBS and Theory Internal examination for 2nd Yr. BSc. Nursing.

University 2nd Professional Examinations held: 3rd week of December`2014 and supplementary examination in April 2015.

In addition to the regular class tests, tutorial, integrated teaching on theory and practical were conducted for MBBS students and also for B.Sc. Nursing students.

CMEs/ Workshops/ Symposia/ National and International Conferences:

1. CME on Pharmacovigilance Under the aegis of Indian Pharmacopoeia Commission Organized by Department Of Pharmacology. NEIGRIHMS. Date: 28th June 2014.
2. Regional CME cum Seminar on clinical Relevance of Autonomic function testing. Department of Physiology.NEIGRIHMS.13th June 2014. Co- Organizer.
3. Training programme for nurses of NEIGRIHMS on Pharmacovigilance in batches in the months of May and June 2014.

List of oral papers/posters presented

Sl. No.	Authors	Title of presentation	Name of the conference	Date	Venue	City
1	R Barooah, DK Brahma	Introducing research into the undergraduate physiology curriculum	3 rd South East Asian Regional Association for Medical Education and 2 nd (SERAME) Sri Lankan Medical Educationists (FOSME) conference 2014	12-15 Nov 2015	College of Medicine, University of Colombo, Sri Lanka	Colombo
2	JB Wahlang, MD	Utilization of	IPSCON 2014	28-30 th	Gauhati	Guwahati,

	Marak, DK Brahma, J Lalromawii, BS Lahon, BS Nongkynrih	Antirabies vaccine in Pasteur Institute, Meghalaya: A three year assessment		December 2014	Medical College	Assam`
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Research: Non-funded:Ongoing Departmental Projects

Sl.	Title of project
1	Pattern of Adverse Drug reaction due to cancer chemotherapy in Oncology department of a tertiary care Teaching hospital
2	Prescribing patterns and utilization of Analgesic in patients attending Oncology, Pain clinic, Orthopaedics etc
3	Effect of Methanolic extract of roots of Aristolochia tagala cham. on blood pressure and heart rate in experimental rats.

Ongoing Collaborative Projects

Sl.	Title of project
1	A comparative study on the short term effects of Zoledronate and Pamedronate on the histomorphometry of the metaphysis of tibia in young Albino rats. Department of Anatomy and Pharmacology NEIGRIHMS

Patient Care:

The department is also engaged in "Pharmacovigilance" activities and it is encouraging spontaneous Adverse Drug Reaction (ADR) reporting system in NEIGRIHMS. The ADR reporting form is made available in all the OPDs and Wards of the hospital. Reported ADR cases from the Institute are visited and confirmed by the faculty/residents of the department and forwarded to National Pharmacovigilance centre. The Department is currently involved in analyzing the analgesic utilization of OPD patients in three clinical departments of the Institute. Till now 13 spontaneously reported ADR cases have been reported by the AMC NEIGRIHMS to NCC.

Visiting Faculty:

Prof Y K Gupta, Professor & HOD, Department of Pharmacology, AIIMS, New Delhi

Dr Vikash Medhi, Additional Professor, Department of Pharmacology, PGIMER, Chandigarh

DEPARTMENT OF PSYCHIATRY

FACULTY:

Post	Capacity	Current status	Name
Professor	1	-	Vacant
Assistant Professor	1	1	Dr.Arvind Nongpiur

Senior Residents : 2 (Two)

HIGHLIGHTS

OPD and Indoor Psychiatry Service:

The department of Psychiatry runs OPD for 6 days a week from Monday to Saturday.

Patients requiring psychiatric inpatient care are admitted in the General Medical ward. All psychiatric referrals from indoor wards are seen bedside in respective wards.

With the joining of a Clinical Psychologist in December 2014, Counselling services have been expanded and Non-Pharmacological intervention has started.

A weekly counselling programme has also started for MBBS students, which was welcomed by all students.

The following is the distribution of total patients reviewed in the psychiatry department during the period of 1st April 2014 to 31st March 2015.

NO. OF NEW PATIENTS	444
NO. OF REFERRED PATIENTS	2040
NO. OF FOLLOW-UP PATIENTS	1250
TOTAL	3734

EDUCATION

The Faculty and Senior Resident of the Department are actively engaged in teaching Under Graduate MBBS students. In addition the Department is also involved in teaching programmes of the B.Sc. Nursing students of College of Nursing. Apart from teaching programmes for

students within the campus, the faculty also supervises the field work training of MSW and Psychology students specializing in Medical and Psychiatric Social Work and MA Psychology respectively from different colleges around the country. The Department conducts regular ward discussions and seminars. The faculty of the Department is invited by other organizations for training and awareness on Mental Health.

CMEs/Workshops/Symposia/National and International Conferences

A workshop was conducted to commemorate World Mental Health Day on the 10th of October, 2014. The theme of the workshop was “living with schizophrenia” and it was conducted in collaboration with the Border Security Force.

Lectures delivered at CMEs, National and International Conferences

Name of Faculty Member: Dr. Arvind Nongpiur

Sl.No.	Title of Talk	Name of the CME/Conference	Date	Venue	City
1.	Pharmacogenomics	Mid-Term CME of the Indian Psychiatric Society Eastern Zonal Branch	19 th and 20 th July 2014	RIMS,	Imphal
2.	Living with Schizophrenia	1 st Regional Symposium on Mental Health	10 th October 2014	Martin Luther Christian University	Shillong
3.	Issues on Mental Health Education	National Seminar organized by the Department of Education, North Eastern Hill University	26 th Feb 2015	NEHU	Shillong

Departmental Projects (including thesis/dissertation):Ongoing

Sl.No	Title of the Project
1.	Psychiatric complications in chronic kidney disease (CKD) patients in North East India: An exploratory study
2.	Efficacy of high frequency rTMS in patients of Somatization Disorder: A randomized, double blind sham controlled study.
3.	Diffusion tensor imaging in complicated Alcohol Withdrawal Syndrome
4.	A head to head clinical trial on the efficacy of Acamprosate and Naltrexone in alcohol abstinence

Completed

Sl.No.	Title of the Project
1.	Deliberate self harm and suicide attempters in a tertiary care hospital in Meghalaya

Collaborative Projects:Ongoing

Sl.No.	Title of the Project
1.	Antidepressant induced switch: Assessment of risk factors. A multicentric study

Patient Care

- a) **Facilities available in the Department:** Daily outpatient services with counselling services available.

A modified ultrabrief ECT and rTMS machines are also available in the department.

With the approval of the Director, two special clinics were started from August 2013 as follows:-

Drug De-addiction Clinic -Every Wednesday

NO. OF MALE PATIENTS	95
NO. OF FEMALE PATIENTS	4
TOTAL NO. OF PATIENTS	99

Child Guidance Clinic - Every Saturday

NO. OF MALE PATIENTS	271
NO. OF FEMALE PATIENTS	156
TOTAL NO. PATIENTS	541

- b) **Community services/campus:**

Counselling program for MBBS students commenced from August, 2014. The counselling program was started to address to the psychological problems of the students. The number of counselling sessions and students counselled are as follows:

NUMBER OF SESSIONS	14
NUMBER OF STUDENTS COUNSELLED	50

DEPARTMENT OF RADIOLOGY & IMAGING

FACULTY:

Post	Capacity	Current status	Name
Professor & Head	1	1	Dr C Daniala
Associate Professor	2	1	Dr Akash Handique
Assistant Professor	3	2	Dr. Pranjal Phukan Dr. Baphiralyne Wankhar

Highlights:

Department of Radiology & Imaging with its various state of the art Radiological Equipments provides diagnostic and therapeutic Interventional Radiological Procedures giving Imaging support to all clinical departments. The department also provides round the clock services.

Education:

The department also have MD Degree program in Radiodiagnosis and admits two Resident Doctors per year.

CMEs/Workshops/Symposia/National and International Conference:

1. Ultrasonography Workshop cum CME which was held on 16th – 18th December 2014.

Lectures delivered at CMEs, National and International Conferences

Dr. C. Daniala, Professor & HOD

Sl.No	Title of talk	Name of the CME/Conference	Date	Venue	City
1.	Imaging of Low Back Pain Chairing Sessions	17th Annual conference of Indian society of Neuroradiology	9 th to 12 th October 2014	Gurgoan	Haryana

		(ISNR 2014)			
2.	Chairing sessions	IV Annual conference of Indian Association of Cardiac Imaging (IACI 2014)	31 st October to 2 nd November 2014	Kolkata	Kolkata
3.	Chairing session on Interventional Radiology	40 th Annual conference of Indian Radiology and Imaging Association (Assam Branch)	13 th to 15 th December 2014	Assam	Guwahati

List of oral papers/posters presented:

Sl.No	Title of Presentation	Name of the conference	Date	Venue	City
1.	1. Syphilitic Aortitis, Diagnosis and management with EVAR- A case Report 2. CT imaging of takayasu arteritis (co author)	IV Annual conference of Indian Association of Cardiac Imaging (IACI 2014)	31 st October to 2 nd November 2014	Kolkata	Kolkata

Lectures delivered at CMEs, National and International Conferences

Dr. Akash Handique MD, PDCC (Neuroradiology), Associate Professor

Sl.No	Title of talk	Name of the CME/Conference	Date	Venue	City
1.	"Carotid Interventions"	16 th Annual conference Indian Society of Vascular & Interventional Radiology	4 th – 5 th April 2014	Mumbai	Mumbai
2.	"Endovascular treatment of vein of Galen Malformation"	11 th Neuro Intervention Complications Meeting (Moonsoon Meeting)	31 st July – 3 rd August 2014	Goa	Goa

3.	“Imaging in Pediatric Stroke”	17th Annual conference of Indian society of Neuroradiology (ISNR 2014)	9 th to 12 th October 2014	Gurgoan	Haryana
4.	“Interventional Radiology in the management of Hepatic tumors”	International conference on Disease Biology and Therapeutics (ICDBT 2014)	3 rd to 5 th December 2014	Guwahati	Guwahati
5.	“Catheter-Directed Thrombolysis for DVT: Tips, Tricks & Pitfalls.”	17 th Indian Society of Vascular and Interventional Radiology (ISVIR 2015)	19 th to 22 nd February 2015	Hyderabad	Hyderabad
6.	“Biomaterials development in Interventional Radiology”	QIP Short Course on Micro manufacturing for Biomedical Applications	24 th to 27 th February 2015	Department of Mechanical Engineering, Indian Institute of Technology	Guwahati
7.	Natural History of Ruptured and Unruptured Intracranial Aneurysms	International conference on “Stroke and Advanced Neurovascular Intervention (SAANVI 2015)	13 th to 15 th March 2015	Kolkata	Kolkata

List of oral papers/posters presented:

Sl.No	Title of Presentation	Name of the conference	Date	Venue	City
1.	1. endovascular treatment of low flow vascular malformation 2. Endovascular parent artery occlusion of intracranial aneurysm: still a viable option	16 th Annual conference Indian Society of Vascular & Interventional Radiology	4 th – 5 th April 2014	Mumbai	Mumbai
2.	Endovascular treatment of intracranial aneurysm in an infant: A case report (how I did differently)	RAIN 2014, SRMC	13 th to 16 th November 2014	Chennai	Chennai
3.	1. Meningioma and schwannoma as single tumor in a case of NF2 2. Aneurysmal bone cyst of frontal	40 th Annual conference of Indian Radiology and Imaging Association (Assam Branch	13 th to 15 th December 2014	Guwahati	

	<p>bone; a case report(co author)</p> <p>3. spontaneous recovery of spontaneous spinal epidural hematoma(co author)</p> <p>4. CT imaging of takayasu arteritis (co author)</p> <p>5. mean signal intensity curve analysis of brain tumor (co author)</p>				
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Lectures delivered at CMEs, National and International Conferences

Dr. Pranjal Phukan MD, DM (Neuroradiology), Assistant Professor

Sl.No	Title of talk	Name of the CME/Conference	Date	Venue	City
1.	<p>1. Endovascular sclerotherapy on peripheral low flow vascular malformations.</p> <p>2. Endovascular parent artery occlusion of intracranial aneurysm: still a viable option</p>	16 th Annual conference Indian Society of Vascular & Interventional Radiology	4 th – 5 th April 2014	Mumbai	Mumbai
2.	Endovascular treatment of intracranial aneurysm in an infant: A case report (how I did differently)	RAIN 2014, SRMC	13 th to 16 th November 2014	Chennai	Chennai
3.	Normal cross sectional anatomy of brain	Neuroradiology Update	16 th November 2014	Guwahati	
4.	<p>1. endovascular management of Acute stroke</p> <p>2. Japanese encephalitis(co author)</p> <p>3. Meningioma and schwannoma as single tumor in a case of NF2</p> <p>4. Aneurysmal bone cyst of frontal</p>	40 th Annual conference of Indian Radiology and Imaging Association (Assam Branch)	13 th to 15 th December 2014	Guwahati	

	<p>bone; a case report(co author)</p> <p>5. spontaneous recovery of spontaneous spinal epidural hematoma(co author)</p> <p>6. CT imaging of takayasu arteritis (co author)</p> <p>7. mean signal intensity curve analysis of brain tumor (co author)</p>				
5.	Radiological services in NEIGRIHMS			NEIGRIHMS,	Shillong

List of oral papers/posters presented:

Sl.No	Title of Presentation	Name of the conference	Date	Venue	City
1.	<p>1. endovascular treatment of low flow vascular malformation</p> <p>2. Endovascular parent artery occlusion of intracranial aneurysm: still a viable option</p>	16 th Annual conference Indian Society of Vascular & Interventional Radiology	4 th – 5 th April 2014	Mumbai	Mumbai
2.	<p>1. endovascular management of Acute stroke</p> <p>2. Japanese encephalitis(co author)</p> <p>3. Meningioma and schwannoma as single tumor in a case of NF2</p> <p>4. Aneurysmal bone cyst of frontal bone; a case report(co author)</p> <p>5. spontaneous recovery of spontaneous spinal epidural hematoma(co author)</p> <p>6. CT imaging of takayasu arteritis (co author)</p> <p>7. mean signal intensity curve analysis of brain tumor (co author)</p>	40 th Annual conference of Indian Radiology and Imaging Association (Assam Branch	13 th to 15 th December 2014	Guwahati	

Dr. Baphiralyne Wankhar, MD (Radiodiagnosis), Assistant Professor

Sl.No	Title of talk	Name of the CME/Conference	Date	Venue	City
1.		CME on clinical laboratory quality management system.	20 th May 2014	Department of Biochemistry, NEIGRIHMS	Shillong
2.		IV Annual conference of Indian Association of Cardiac Imaging.	31 st October to 2 nd November 2014	Kolkata	
3.	Panelist at Thyroid CME & Workshop”	Thyroid CME & Workshop	15 th to 16 th November 2014	Nazareth Hospital	Shillong
4.		Basic course workshop in Medical Education Technologies	26 th to 28 th March 2015	NEIGRIHMS	Shillong

List of oral papers/posters presented:

Sl.No	Author	Title of Presentation	Name of the conference	Date	Venue	City
1.		E-Poster titled Imaging spectrum of Takayasu arteritis on MDCT at Annual CME on cardiac Imaging	IV Annual conference of Indian Association of Cardiac Imaging.	31 st October to 2 nd November 2014	Kolkata	
2.		Poster titled ocular TB presenting as optic & choroidal mass	Annual day, NEIGRIHMS		NEIGRIHMS	Shillong

Departmental projects (including thesis/dissertations)

Ongoing

Sl.No	Title of project

1.	Dr Kalyan Sarma, Post Graduate Year - 2 Multimodality Imaging in diagnosis of Non-Specific Aorto-arteritis, Comparison of MRI with contrast enhanced MR Angiography and Multidetector CT Angiography to determining extent of disease and disease activity.
2.	Dr. Ranjit Meher, Post Graduate Year - 2 Mean Signal Intensity Curve Analysis of Brain Tumour by Dynamic Susceptibility Contrast MR (DSC MR) Perfusion Imaging.
3.	Dr Panchasanguparakalarajan R Study of Coronary Artery Diseases (CAD) by Coronary CT Angiography using mdct (128 slice) in comparison with conventional Coronary Angiography.
4.	MRI in evaluation of Football (soccer) related knee injuries. Dr Mukesh Sharma

Patient care: Enclosed details Patient Care Services provided by the Department

Awards, Honours and significant events:

Dr. Pranjal Phukan: Special Prize in poster competition at NEIGRIHMS annual day 2015, 2nd prize paper presentation as co author at IRIA Annual Conference 2014 and 3rd prize in poster presentation in IRIA annual conference 2014.

The Department is providing round the clock Radiology Services for the Hospital catering to all Departments involving all Faculty, Resident Doctors , Technicians and Nursing Staffs.

Statistics: From 1st April 2014 to 31st March 2015

Procedure	No. of Procedure
Digital Radiography	58330
CONTRAST PROCEDURES & INTERVENTIONAL RADIOLOGY	1614
MRI	2091
MAMMOGRAPHY	43

ULTRASOUND	17670
CT SCAN	6698
DUAL ENERGY XRAY ABSORBSIOMETRY (DXA)	602
Total	87048

Interventional Radiological Procedures done from April 2014 – March 2015

Name of procedures	Numbers
Percutaneous Nephrostomy (PCN)	75
Hysterosalpingography (HSG)	153
Percutaneous Transhepatic Biliary Drainage (PTBD)	22
Digital Subtraction Angiography (DSA)	32
Cholangiogram	08
Fistulogram	03
Sinogram	08
Nephrostogram	01
Cystogram, MCU + RGU	122
Colonogram	01
Angioplasty	-
Thrombolysis	04
TACE	03
EVLT	08
Uterine Fibriod Embolization	02
Broncheal Artery Embolization	05
Renal Artery Embolization	01
Hepatic Artery Embolization	02
Nasopherengial Embolization	-
Spinal Artery Embolization	02

Gluteal Artery Embolization	01
Brain (Carotic Artery) Embolization	04
Facial Artery Embolization	-
Upper Limb Embolization	01
Left Shoulder Embolization	01
Sclerotherapy Upper Limb	08
Sclerotherapy lower Limb	10
Sclerotherapy Abdomen	02
Sclerotherapy Tongue	01
Sclerotherapy Eye Lid	04
Sclerotherapy Lip	03
Renal Angioplasty	-
Aorta Angioplasty	03
Hepatic Vein Stenting	-
Cerebral Aneurysm Coiling	07
PAIR	01
Drainage	15
TOTAL	513

DEPARTMENT OF RADIOTHERAPY & ONCOLOGY

FACULTY:

Post	Capacity	Current status	Name
Professor & Head	1	-	Vacant
Associate Professor	1	-	Vacant
Assistant Professor	2	2	Dr. L. Purnima Devi Dr Ritesh kumar (tendered)

			resignation)
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Medical Physicist

- 2 (two)

Highlights:

The Department continued to render service to the needy cancer patients who come with advanced stage, patients who went outside for treatment and referred back along with prescriptions for logistic reasons and also to those patients who cannot afford to go outside for personal reasons, in form of Chemotherapy and Pain Management.

In collaboration with the department of Anesthesiology, Palliative Care Unit is functioning. Oral morphine tablets being dispensed to cancer patients.

Part of Population Based Cancer Registry Project.

Education:

TEACHING ACTIVITIES

- a) Regular training to the Staff Nurses & Nursing students regarding safe Handling of Cytotoxic Drugs
- b) Teaching theory classes for MBBS students and B.Sc. Nursing Students and also teaching other students coming from outside hospitals and institutes.
- c) Holding regular Bed side clinics and participating in the Seminars
- d) Presentation in CGR.

INTERCOLLABORATIVE ACTIVITIES

- Teaching of participant in palliative care workshop regularly along with Anaesthesiology department.
- Inter-departmental discussions regarding management of cancer patients.

Lectures delivered at CMEs, National and International Conferences

Name of Faculty member:

Dr.L Purnima Devi

Sl.No.	Title of talk	Name of the CME/Conference	Date	Venue	City
1.	Delivered Guest Lecture On Cancer Awareness Among Women	Women health	09/03/2015	BSNL Office	Shillong

Dr Ritesh Kumar

Sl.No.	Title of talk	Name of the CME/Conference	Date	Venue	City
1	Cervical & Breast Cancer Awareness Camp	Health Camp	16/11/2014	BSF	Shillong
2	Health Camp on Cancer Awareness	World Cancer Day	05/02/2015	BSF	Shillong

Collaborative Projects:Ongoing

S.No	Title of Project	Collaborating department/institution
1.	Pattern of Adverse drug reaction (ADR) due to cancer Chemotherapy in Oncology Department of a tertiary care teaching hospital and impact of pharmacovigilance in ADR reporting. (As a Co-investigator)	Pharmacology
2.	Pattern of analgesic utilization in Oncology setting of a tertiary care hospital, NEIGRIHMS. (As a Co-investigator)	Pharmacology

Patient Care:

OPD service is being carried out from Monday to Friday from 9.00 am to 4.00 pm and on Saturday from 9.00 am to 2.00 pm (except holidays).

EMERGENCY SERVICE

24hrs including holidays.

DAY CARE SERVICES

- Day care services are being carried out every Monday to Saturday.
- Day care chemotherapy services
- Minor procedures in day care

IN- PATIENT SERVICES

- Oncology Ward is functioning with 16 beds including Day Care service, to provide best possible clinical support to the needy cancer patients.

- Patients are also admitted in Private Ward.
- Minor procedures.

DEPARTMENTAL STATISTICS

- New Patients (OPD): 156
- Referral from other department: 401

- **Total number of new patients: 557**

- **Total no of patients followed up: 2683**

Site wise

Esophagus:	122
Lung:	84
Head & neck:	63
Stomach:	68
Breast:	42
Lymphoma:	36
Colon:	38
Brain:	22
Sarcoma:	18
Bone tumors:	10
Cervix:	12
Ovary:	8
Endometrium:	4
Prostate:	5
Bladder:	6

Others: 19

- Total no of patient treated under Day care: 190
- Total no patient admitted in Oncology ward: 763
- Total number of chemotherapy cycles administered as the inpatient service: 1240
- Total number of inter departmental consultation attended & offered: 401

General Medicine: 111

General Surgery: 119

ENT: 45

Gynecology: 28

Orthopedics: 17

Pediatrics: 06

Urology: 10

Neurology: 20

Neuro Surgery 21

CTVS: 06

Ophthalmology: 03

Cardiology: 09

Dermatology: 01

ICCU 05

- Total number of minor procedures performed: 140
 - Ascetic tapping: 80
 - Pleural tapping & Pleuredesis: 35
 - Bedsore Debridement: 25

DEPARTMENT OF UROLOGY

FACULTY:

Post	Capacity	Current status	Name
Professor& Head	1	-	Vacant
Associate Professor	1	1	Dr. Stephen L. Sailo
Assistant Professor	2	2	Vacant

Highlights:

The Department provides the latest state of the earth treatment for all Types of urological diseases including Holmium Laser Eneucleation of the prostate, Extra-corporeal Shock Wave Lithotripsy, minimally invasive treatment for bladder tumours and stones . The department caters to patients not only from Meghalaya, but also from various states of the North-East Mizoram, Nagaland, Arunachal and Tripura.

Education:

1. Department Seminar/Journal Reading – Every Friday
2. MBBS Class – Friday
3. Nursing class – Friday
4. Post-graduate Students from the Department of General Surgery come for two months for their peripheral posting .

List of oral papers/ posters presented:

Sl.No.	Authors	Title of presentation	Name of the Conference	Date	Venue	City
1	Dr. S.L.Sailo Dr. S.W.Hasan	Management of VVF – Our experience over 8 years	PEN RECON 2014 Ahmedabad	23 rd –24 th August 2014	Gujarat University Convention and Exhibition	Ahmedabad

Departmental projects (including thesis/ dissertations):Ongoing

Sl.No.	Title of project
1	Urodynamic Study in Diabetics, NEIGRIHMS
2	Management and outcome of VVF in a tertiary care hospital

Patient Care:

The department sees 160-180 patients on OPD days and provides all the latest treatments for various urological diseases . The department is equipped with Holmium Laser-100

watts, Extra Corporeal Shock Wave Lithotripsy Machine, Urodynamic System, Bipolar TURP and Laparoscopy instruments.

COLLEGE OF NURSING

The College of Nursing, NEIGRIHMS is located towards the North to the Director's Block, NEIGRIHMS, Mawdiangdiang, Shillong. It was established in the year 2006 with an intake of 50 students per annum. The College is currently offering a 4-year B.Sc Nursing Course.

The College is recognized by the Indian Nursing Council / Meghalaya Nursing Council. It is affiliated to the North Eastern Hill University, Shillong.

MANPOWER

Teaching Staff:

- | | |
|--|---|
| 1. Professor-cum- Principal | - Vacant |
| 2. Professor-cum-Vice Principal | - Vacant |
| 3. Ms C. E. Myrthong, Master of Nursing
<i>office as Principal I/c wef 24.12.2010- till date</i> | - Assoc. Professor / Reader <i> Holding the</i> |
| 3. Ms Bina Khongbuh, M.Sc. Nursing | - Lecturer |
| 4. Smt. Nochovono Tase, M.Sc. Nursing | - Lecturer |
| 5. Shri. L. Anand, M.Sc. Nursing | - Lecturer |
| 6. Smt. Namita Singha, M.Sc. Nursing | - Lecturer |
| 7. Smt. Jodibala Haobijam, M.Sc. Nursing | - Lecturer |
| 8. | |

Tutor/Clinical Instructor - 14 nos.

The College is assisted by a number of external guest lecturers who are invited to teach the B.Sc Nursing students on subject like Introduction to Computer, Nutrition, Sociology, English, Psychology, Khasi and Statistics.

A few classes on the subjects like Anatomy, Physiology, Biochemistry, Pharmacology, Medical Surgical Nursing I & II, Pediatric Nursing, part of Obstetric & Gynecological Nursing, Genetics, Pathology and

Microbiology etc are also being assisted by medical Faculty of various Departments from NEIGRIHMS Hospital.

Non-Teaching Staff :

- | | | |
|--------------------|---|---|
| 1. Sr.Stenographer | - | 1 |
| 2. UDC | - | 1 |
| 3. Warden | - | 1 |
| 4. House Keeper | - | 1 |

The Institute is employing outsourced manpower for other positions like Clerks, Cooks, Cleaners, attendants etc in the College and Student's hostel.

STUDENTS STATISTICS

		TOTAL	
		M	F
1 st Year Students	= 54 (Meghalaya 35, Manipur 9, Assam 6, Arunachal Pradesh 1, Nagaland – 1, West Bengal – 1, Tripura - 1)	6	48
2 nd Year Students	= 51 (Meghalaya 23, Manipur 20, Assam 7, Arunachal Pradesh 1)	4	47
3 rd Year Students	= 45 (Meghalaya 16, Manipur 23, Assam 4, Nagaland 1, Arunachal Pradesh 1)	2	43
4 th Year Students	= 44 (Meghalaya 24, Manipur 16, Assam 1, Nagaland 3)	6	38
Total No. of students - 194		18	176

- The Fifth Batch of B.Sc Nursing students graduated on July, 2014. Out of 57 students appearing for final year exam 35 students passed with 1st class and 22 students passed with 2nd class. The passing percentage was 100%.
- The Sixth Batch of B.Sc Nursing Students is expected to pass out during July 2015.

FRESH INTAKE OF STUDENTS - session 2014-15

The entrance exam for the session 2014-2015 was conducted on 22nd June 2014 and the new session started on 8th July 2014

Advertisement for admission to B.Sc. Nursing 10th Batch (for 2015-2016) session was uploaded in the Institute's website at www.neigrihms.gov.in Registration and Filling up of Application Form was done via ONLINE mode only w.e.f. 5th May 2015 to 8th June 2015.

HOSTEL FACILITIES

- The College is having hostel facilities for girls with an intake capacity of 200. However, boys are accommodated in Type 'D' Quarters.

ACADEMIC ACTIVITIES

The academic activities were conducted during the year 2014-2015 were as per the guidelines of the Indian Nursing Council. Practical experience was largely gained at NEIGRIHMS hospital. Apart from the regular clinical placement at NEIGRIHMS, students were also sent for clinical experience in various institutions / set-ups as under:

Sl. No.	Place	Period	Batch
1.	Reid Provincial Chest Hospital, Shillong	08.09.2014 – 04.10.2014	2 nd year
2.	Ganesh Das Hospital, Shillong	07.07.2014 – 08.02.2015	3 rd year and 4 th year
3.	MIMHANS, Shillong	04.08.2014 – 09.11.2014	3 rd year and 4 th year
4.	Mawroh PHC, Shillong (Rural experience)	06.10.2014 – 01.11..2014	2 nd year
		17.11.2014 – 13.12.2014	4 th year
5.	Pomlum PHC, Shillong (Rural experience)	06.10.2014 – 01.11.2014	2 nd year
		17.11.2014 – 13.12.2014	4 th year
6.	Rynjah State Dispensary (Urban experience)	14.07.2014 – 20.09.2014	4 th year
7.	Mawpat Urban Health Centre	14.07.2014 – 20.09.2014	4 th year
		06.10.2014 – 01.11.2014	2 nd year
8.	Pynthorumkhrah Urban Health Centre	14.07.2014 – 20.09.2014	4 th year
		06.10.2014 – 01.11.2014	2 nd year
9.	Sanker Rehabilitation Centre, Mawroh	14.07.2014 – 23.08.2014	3 rd Year

Activities conducted by the students during their clinical posting in different Institutions as mentioned above are as under:-

Sl. No.	Place	Activities performed	By whom
1.	Mawpat UHC	Intensified Diarrhea Control Fortnight was observed <ul style="list-style-type: none"> • Poster display • Role Play on Prevention of Diarrhoea and Importance of breast feeding 	4 th Year
2.	Psar Village	Project work on “Take one step each day for a healthier life”	2 nd Year
3.	Nongpiur Village	Project Work on “Small steps towards a healthy future”	4 th Year
4.	Myrkhan village	Project work on “Keeping healthy for a better tomorrow”	4 th Year
5.	Mawnianglah Village	Project work on “Be Hygienic, Be Healthy”	2 nd Year
6.	Pynthorunkrah UHC & Rynjah State Dispensary	Participated in IPPI Programme	2 nd Year
7.	Laitlum ICDS Centre	Project Work on “Malaria and its prevention”	2 nd Year
8.	Mawpat UHC	Awareness Programme on “Iodine deficiency disorder” <ul style="list-style-type: none"> • Poster display • Role Play 	2 nd Year
9.	Umsaw Village	Project Work on “Health is Wealth”	4 th Year
10.	Laitlum Aganwadi Centre	Project work on “Tuberculosis, its prevention and management”	4 th Year

Apart from the above regular activities, 4th Year B.Sc. Nursing students were divided into 8 (eight) groups for conducting Research Project on the following:-

1. ***“A study to assess the natural history of treatment methods, referral pattern and practices of renal calculi patients from the onset of symptoms experienced till the time of admission”***. Guide : Shri.L.Anand, Lecturer, College of Nursing
2. ***“A study to assess the knowledge regarding care of arteriovenous fistula among patients undergoing hemodialysis in NEIGRIHMS Hospital ”*** Guide : Shri.L.Anand, Lecturer, College of Nursing
3. ***“A study to assess the effectiveness of health education programme on prevention of breast cancer among B.Sc.Nursing students of a selected Nursing College, Meghalaya”*** Guide : Smt.N.Singha, Lecturer, College of Nursing

4. *“A study to assess the knowledge and expressed practice regarding cervical cancer and its prevention among female aged 20 to 50 years in a selected rural area of Meghalaya.”* Guide: Smt.N.Tase, Lecturer, College of Nursing
5. *“A study to assess the effectiveness of health education programme (HEP) for dental carries and its prevention in terms of knowledge and practice of primary school going children in a selected school of Meghalaya”* Guide:Smt.N.Tase, Lecturer, College of Nursing
6. *“A study to assess the knowledge regarding post menopausal syndrome among women of age group of 45-60 years in a selected community area of Meghalaya”* Guide : Smt.J.Haobibam, Lecturer, College of Nursing
7. *“A descriptive study to assess the knowledge and perceived ill effects of Alcohol consumption among higher secondary school students of a selected school in an urban area, Shillong.”*Guide : Guide: Smt.B.Khongbuh, Lecturer, College of Nursing
8. *“A study to assess the knowledge and expressed practice of care givers having under-five children regarding Acute Respiratory Infection and its prevention in a selected urban community”* Guide : Ms.C.E.Myrthong, Principal, College of Nursing.

In addition to the above, the students were also sent to the following Institutions for one day educational visit to gain first-hand knowledge:-

SI No.	Place	Period	Batch
1.	SOS Children Village, Umiam	23.08.2014	2 nd year
2.	Milk Dairy, Mawiong	14.11.2014	2 nd year
3.	Juvenile Home, Social Welfare, Risa Colony, Shillong	27.11.2014	2 nd year
4.	Waste Disposal Treatment Plant, Mawiong	23.01.2015	2 nd year
5.	Mercy Home, Madanryting, Shillong	08.11.2014	2 nd year
6.	Leprosy Colony, Nongpoh	21.11.2014	2 nd year
7.	The Greater Shillong Water Supply Scheme, Mawphlang	05.12.2014	2 nd year

UNIVERSITY / SELECTION EXAMINATION

The University Examination 2014 (April) of B.Sc. Nursing Course was conducted under the aegis of NEHU. The University results of students are as below:-

1st Year - Passed 81.03 % (Appeared 58, Passed 47)

2nd Year - Passed 95.56 % (Appeared 45, Passed 43)

3rd Year - Passed 100 % (Appeared 44, Passed 44)

4th Year - Passed 100 % (Appeared 57, Passed 57)

The Selection Examination was conducted internally by the College in December, 2013.

EXTRA CURRICULAR ACTIVITIES OF STUDENTS:

❖ **5th May 2015**

The general body meeting of the SNA Unit along with the Principal and teaching staff of College of Nursing, NEIGRIHMS was held on the 5th May 2015.

The agenda discussed were:

- Reading of the last minute
- Confirmation of the minute
- Report from unit SNA general Secretary
- Report from unit SNA Treasurer and Fund raising Secretary
- Election of new SNA Advisor and office bearers.
- Reading of report from April 2013-April 2014
- Other business

Confirmation of the minute was proposed by Ms. Lipi Devi and seconded by Ms. Sonu Pradhan and Ms. Deiphi Banri Khongliw.

➤ **DATE 12TH – 18TH May, 2014**

The Nurses Week Celebration was celebrated from 12th May 2015 to 17th May 2015. A week-long programme was organized wherein the B.Sc.Nursing students also took active participation.

12th May: ***Inauguration*** of the Nurses week followed by Poetry Recitation

13th May: ***Badminton*** match for staffs and students

15th May: ***Combine Food Fest*** at Savio hall Laitumkhrah followed by ***poster display, spot painting, floor decoration and dodge ball*** for the students

16th May: ***Dancing and singing*** competition for staffs and students

17th May: ***Closing ceremony*** of Nurses week

➤ **Date: 1st to 2nd August, 2014**

Venue: Paediatrics OPD, NEIGRIHMS

Intensified Diarrhoeal Control Fournight (IDCF) was celebrated by College of Nursing, NEIGRIHMS in collaboration with the Department of Paediatrics, NEIGRIHMS. SNA members from 3rd year B.Sc Nursing students took active role by health teaching on

diarrhoea and breastfeeding. Also demonstration on preparation of home-made ORS and readymade ORS sachet was done. Diarrhoea Dos and Don'ts pamphlets were distributed to all the people attending the programme.

➤ **Date: 5th August, 2014**

Venue: School of Nursing, H. Gordon Robert, Hospital, Shillong

As part of World Breastfeeding Week celebration, the Indian Academy of Paediatrics (IAP), Meghalaya Branch organized the 4th Inter Nursing Institute Quiz competition to commemorate the World Breastfeeding Week and ORS week. Two representatives from six nursing institutes participated in the quiz competition. Ms. Neizokhonou Nancy and Mr. Raimon Disiar of College of Nursing NEIGRIHMS won the 1st prize and were awarded with cash prize and certificates.

➤ **Date: 7th August, 2014**

Venue: GANESH DAS, Antenatal OPD Hospital

The 22nd world Breastfeeding Week was observed on 7th August, 2014 in Ganesh Das Hospital organized by College of Nursing, NEIGRIHMS along with the support of faculties from Ganesh Das Hospital. The theme of this year's World Breastfeeding week was "Breastfeeding: A winning goal for life!" Short speech related to importance of breastfeeding was given by Madam J.F. Balieh, Matron, Ganesh Das Hospital. A speech related to the theme was given by Madam E. Pyngrope, tutor, College of Nursing, NEIGRIHMS. SNA members from 4th year B.Sc Nursing took active part by role playing, health teaching on breastfeeding. Vote of thanks was given by Mr. B. Syiemlieh, 4th year B.Sc Nursing student, College of Nursing, NEIGRIHMS.

➤ **Date: 15th August, 2014**

Venue: NEIGRIHMS Centre point

Independence Day was observed in the Institute with the hoisting of National tricolour by Madam (Dr) V. Raphael, Dean, NEIGRIHMS. Students of B.Sc Nursing and MBBS sang patriotic song on this day.

➤ **Date: 20th August, 2014**

Venue: Auditorium NEIGRIHMS

Fresher's meet for the 9th batch B.Sc Nursing was organized by the executive members of SNA along with all the SNA members of 2nd, 3rd and 4th year B.Sc Nursing.

➤ **Date: 23rd August, 2014**

The 2nd year B.Sc Nursing students of the 8th batch visited the **SOS children's village**, Umiam, Meghalaya as part of their curriculum.

➤ **Date: 5th September, 2014**

Venue: Auditorium NEIGRIHMS

Teacher's day was celebrated in the Institute which was organized by both the B.Sc Nursing and MBBS students. The Chief Guest was Dr. A. G. Ahangar, Director, NEIGRIHMS and the Guest of Honour was Madam C.E. Myrthong, Principal, College of Nursing, NEIGRIHMS.

- Date: *15th to 20th September, 2014*

EUPHORIA (Institutional week)

On the 15th September, 2014, opening ceremony was organized by the Sports Committee. The function started with 'Torch bearing' followed by March pass by B. Sc Nursing and MBBS students. The theme of the week was "Spirit in Motion". All SNA members took active part in various programs along with MBBS and PG students. Closing ceremony was on the 20th September, 2014 where prizes were distributed to all the winners of the Euphoria week, 2014.

- Date: *2nd October, 2014*

SWACH BHARAT ABHIYAN or CLEAN INDIA CAMPAIGN was observed on this day. College of Nursing, NEIGRIHMS being a part of the central institute took active part in the cleaning drive which started at 7 a.m. where all the teaching and non-teaching staffs of the college participated. Attendance of the students were taken prior to and after the cleaning drive. At 1p.m., all the students, assemble in the college premises in the presence of the Dean, Deputy Director and other faculty of NEIGRIHMS, to take the pledge, whereby Madam C.E Myrthong, Principal, College of Nursing, lead the pledge.

- Date: *31st October, 2014*

To commemorate the death anniversary of Late Indira Gandhi, NEIGRIHMS organised a "RUN FOR UNITY" Programme to pay tribute to Independent First Woman Prime Minister of India. The day is being celebrated as "NATIONAL REDEDICATION DAY" for promoting peace and harmony amongst the community as well as unity and integration of the Nation. Principal, College of Nursing, flagged off a run for unity from the hospital to the indoor stadium of the institute after addressing participants of the run.

- Date: *5th November, 2014*

Venue: NEIGRIHMS, Auditorium

The 5th lamp lighting and oath taking ceremony for the 8th batch was organised in the institute auditorium by college of Nursing, NEIGRIHMS. The chief guest of the function was Mrs. Roshan Warjri, Home Minister, Govt. of Meghalaya. The lighting of the inaugural lamp was done by the Chief Guest and other dignitaries of the institute. It was followed by the 2nd Graduation programme of the 5th batch of College of Nursing, NEIGRIHMS. Momentos and certificates were distributed to the graduated by the chief guest in presence of the Director, Dean, Deputy Director and Principal College of

Nursing, NEIGRIHMS. The 1st three toppers were awarded with a prize money of Rs.10,000, Rs. 7000 and 5000 respectively.

➤ Date: **8th November, 2014**

Mercy Home, Madanryting, Shillong was visited by the 2nd year B.Sc Nursing students as part of their educational activity under the guidance of Madam. N. Singha, Lecturer, and Madam S. Premila, Tutor, College of Nursing, NEIGRIHMS.

➤ Date: **14th November, 2014**

Central Dairy, Mawiong, Shillong was visited by the 8th batch 2nd year B.Sc Nursing students as part of their educational activity under the guidance of Madam K. Newar and Madam J. B. Handique, Tutors, College of Nursing, NEIGRIHMS.

➤ Date: **21st November, 2014**

Leprosy Center, Nongpoh, Meghalaya was visited by the 8th batch 2nd year B.Sc Nursing students as part of their educational activity under the guidance of Madam N. Singha, Lecturer, and Madam Purabi, Tutor, College of Nursing, NEIGRIHMS.

➤ Date: **5th December, 2014**

Greater Shillong Water Supply, Mawphlang, Meghalaya, was visited by the 8th batch 2nd year B.Sc Nursing students as part of their educational activity under the guidance of Sir. L. Anand, Lecturer, and Madam J.Kumar, Tutor, College of Nursing, NEIGRIHMS.

➤ Date: **17th December, 2014**

The Pre-Christmas Celebration was celebrated in the Institute's Auditorium. The SNA members of College of Nursing, NEIGRIHMS took part in the institute's Pre-Christmas celebration by participating in singing, melo drama and performing choreography.

➤ Date: **January 19th – 20th, 2015**

The 2nd year B.Sc Nursing students participated in the PPI for two days – 19th and 20th Jan, 2015. The students were divided into two groups – Pynthorbah Urbah Health Centre, guided by the Madam Meenakshi Devi and Nongmynsong Subcentre, guided by Madam Jyotima Handique, Tutors, College of Nursing, NEIGRIHMS..

➤ Date: **23rd January, 2015**

Sewage Disposal, Mawiong, Meghalaya, was visited by the 8th batch 2nd year B.Sc Nursing students as part of their educational activity under the guidance of Madam Meenakshi and Madam Purabi, Tutors, College of Nursing, NEIGRIHMS.

➤ **Date: 26th January, 2015**

Republic day was celebrated in the Institute in front of the Casualty Block of the Hospital. The chief Guest of the function was Dr. A.G.Ahanger, Director of NEIGRIHMS who unfurled the National Tricolour amidst the presence of Medical Faculties, Resident Doctors, Para-medical staff and other staff and the residents. The B.Sc.Nursing students also participated in the celebration and took part in singing patriotic songs.

➤ **Date: 23rd – 24th February, 2015**

Thirty eight 2nd year B.Sc Nursing students participated in the PPI for two days – 23rd and 24th Feb, 2015. The students were divided into two groups – Pynthorbah Urban Health Centre and Nongmynsong Subcentre. On the first day, firstly, the students went to their respective UHC and SC, after which they were further divided into 2-3 students in a group in one booth. Mopping up was done on the second day.

➤ **Date: 4th March, 2015**

As part of the 3rd Annual Day Celebration of the Institute, there was a scientific paper presentation hosted by the Scientific and Research Committee of NEIGRIHMS, Shillong. The presentation was divided into different platforms. In the Nursing platform there were nine presentations presented by nine 4th year B.Sc Nursing students. The paper “*A descriptive study to assess the knowledge and perceived ill effects of alcohol consumption among higher secondary school students of a selected school in an urban area, Shillong*” presented by Ms. Daisy Mary Sawkmie was awarded as the best paper.

➤ **Date: 5th March, 2015**

The 3rd Annual Day of the institute was observed. The inaugural function started at 11 a.m in the Institute’s Auditorium wherein Dr. Mukul Sangma, Honourable Chief Minister, Government of Meghalaya graced the function as the Chief Guest.

➤ **Date: 7th March, 2015**

Venue: Mawlynnong, Meghalaya

On the 7th March, 2015, the SNA members organized a college picnic to Mawlynnong. All SNA members, the teaching and non-teaching staff joined the picnic.

➤ **Date: 12th March, 2015**

Juvenile, Social Welfare, Dhanketi, Shillong, was visited by the 8th batch 2nd year B.Sc Nursing students as part of their educational activity under the guidance of Madam Jyotima and Madam Rashi, Tutors, College of Nursing, NEIGRIHMS.

➤ Date: **March 20th, 2015**

Venue: Lecture Theatre 1, NEIGRIHMS

The 4th year B.Sc Nursing students attended Symposia on “Research Methodology and Proposal writing” organized by the Biomedical Research Institute.

❖ **GFATM ACTIVITIES**

Training of Trainers and Training of Nurses

Name of the Project : GLOBAL FUND FOR AIDS , TUBERCULOSIS AND MALARIA (GFATM).

- **Project Coordinator :** Ms C E Myrthong, Principal, College of Nursing NEIGRIHMS.
- **Objective of the Project :** (1) Providing training for Nurses on HIV/AIDS and ART
(2) Providing Training for Nurses on Tuberculosis Care and Control
- **Principal Recipient of training fund in India :** Indian Nursing Council, New Delhi
- **Sub Recipient :** Belair, Maharashtra
- **Sub-sub Recipient :** College of Nursing NEIGRIHMS, Shillong
- **Trainers :** Lecturers and tutors from various institute who are trained under GFATM Project.
- **Participants :** Participants (nurses) are drawn from both government and private charitable hospitals for training under this project.
The 1st Training of Nurses programme was conducted in the College of Nursing, NEIGRIHMS on 18.05.2009 to 22.05.2009 and 1st Training of Trainers was conducted in the College of Nursing on 20.07.2009 to 24.07.2009.

❖ **Trainings conducted from April 2014 to March 2015**

● **1st to 3rd May 2014**

Name of Programme : ANM TOT

Resource person : Ms C E Myrthong, Principal Coordinator College of Nursing
NEIGRIHMS

Ms Bina Khongbuh, Lecturer, College of Nursing, NEIGRIHMS

Ms Kalpana Newar , Tutor, College of Nursing NEIGRIHMS

Ms Atifa Begum, Training Coordinator, GFATM Project

Ms Mamata Choudhury, Asst Director of ICTC (MACS)

Total No Of Participants : 32

● **26th to 31st May 2014**

Name of Programme : HIV/AIDS & ART TON

Resource person : Ms C E Myrthong, Principal Coordinator College of Nursing
NEIGRIHMS
Ms Jodibala Haobijam, Lecturer, College of Nursing, NEIGRIHMS
Ms Rosema Kom , Tutor, College of Nursing NEIGRIHMS
Ms Silbana Lyngdoh, Tutor, School of Nursing, Civil Hospital
Shillong
Ms Ibapynhun Jane Sohkhet, Tutor, School of Nursing, Roberts
Hospital, Shillong
Ms Atifa Begum, Training Coordinator, GFATM Project
Ms Agni Daimie, Project Coordinator, MSNPT, Shillong
Total No Of Participants : 40

- **8th to 13th September 2014**

Name of Programme : HIV/AIDS & ART TON

Resource person : Ms C E Myrthong, Principal Coordinator College of Nursing
NEIGRIHMS
Ms Bina Khongbuh, Lecturer, College of Nursing, NEIGRIHMS
Ms Kalpana Newar , Tutor, College of Nursing NEIGRIHMS
Ms Basyrpailin L Thabah, Asst Matron, Civil Hospital Shillong
Ms Ibapynhun Jane Sohkhet, Tutor, School of Nursing, Roberts
Hospital, Shillong
Ms Atifa Begum, Training Coordinator, GFATM Project
Ms Agni Daimie, Project Coordinator, MSNPT, Shillong

Total No Of Participants : 33

- **18th to 20th September 2014**

Name of Programme : ANM HIV/AIDS & ART TON

Resource person : Ms C E Myrthong, Principal Coordinator College of Nursing
NEIGRIHMS
Ms Rinkumoni R Marak, Tutor, School of Nursing Tura Christian
Hospital.
Ms Pallabi Boruah, Clinical Instructor, Sankar Madhab, College of
Nursing, Guwahati
Ms Atifa Begum, Training Coordinator, GFATM Project
Ms Mamata Choudhury, Asst Director of ICTC (MACS)

Total No Of Participants : 26

- **31st October 2014**

Name of Programme : State Level Nursing Superintendent Workshop

Resource person : Ms C E Myrthong, Principal Coordinator College of Nursing
NEIGRIHMS
Mr S N Misra, Senior Technical Advisor, Futures Group, Gurgoan

Dr M Mawrie, DTO East Khasi Hills, Meghalaya
Ms Jodibala Haobijam, Lecturer, College of Nursing, NEIGRIHMS
Ms Esther S Roy, Professor, College of Nursing NBMC, West

Bengal

Ms Atifa Begum, Training Coordinator, GFATM Project

Total No Of Participants : 45

- **10th to 15th November 2014**

Name of Programme : HIV/AIDS & ART TON

Resource person : Ms C E Myrthong, Principal Coordinator College of Nursing
NEIGRIHMS

Ms Geeta Dutta, Principal Nursing Officer, SMK Civil Hospital

Ms Jodibala Haobijam, Lecturer, College of Nursing, NEIGRIHMS

Ms Minakshi Devi, Tutor, College of Nursing NEIGRIHMS

Ms Jomila Pyngrope, Vice Principal, School of Nursing, Civil
Hospital, Shillong

Ms Atifa Begum, Training Coordinator, GFATM Project

Ms Agni Daimie, Project Coordinator, MSNPT, Shillong

Total No Of Participants : 35

- **19th to 21st November 2014**

Name of Programme : ANM HIV/AIDS & ART TON

Resource person : Ms C E Myrthong, Principal Coordinator College of Nursing
NEIGRIHMS

Ms Mamoni Dutta, Principal, ANM School of Nursing, Guwahati

Ms Jasmine M Shadap, PHN Tutor, Female Health Worker Training
Centre, Ganesh Das Hospital, Shillong

Ms Atifa Begum, Training Coordinator, GFATM Project

Total No Of Participants : 33

- **26th to 28th November 2014**

Name of Programme : TB TON

Resource person : Ms C E Myrthong, Principal Coordinator College of Nursing
NEIGRIHMS

Ms Kalpana Newar , Tutor, College of Nursing NEIGRIHMS

Ms Dipika Das Boruah, Principal I/C, School of Nursing MMCH,
Guwahati

Ms Atifa Begum, Training Coordinator, GFATM Project

Ms Jenniefer Kharwanlang, Sr M&HO, DTC Shillong

Total No Of Participants : 32

- **3rd to 5th December 2014**

Name of Programme : TB TON

**Resource person : Ms C E Myrthong, Principal Coordinator College of Nursing
NEIGRIHMS**

Ms Bina Khongbuh, Lecturer, College of Nursing NEIGRIHMS

Ms Phisha Nora Nongpluh, Tutor, School of Nursing, Civil Hospital,
Shillong

Ms Atifa Begum, Training Coordinator, GFATM Project

Ms Jenniefer Kharwanlang, Sr M&HO, DTC Shillong

Total No Of Participants : 32

• **10th to 12th December 2014**

Name of Programme : TB TON

**Resource person : Ms C E Myrthong, Principal Coordinator College of Nursing
NEIGRIHMS**

Ms S Pramila Devi, Tutor, College of Nursing NEIGRIHMS

Ms Silbana Lyngdoh, Tutor, School of Nursing, Civil Hospital,
Shillong

Ms Atifa Begum, Training Coordinator, GFATM Project

Ms Jenniefer Kharwanlang, Sr M&HO, DTC Shillong

Total No Of Participants : 34

• **2nd to 4th February 2015**

Name of Programme : TB TON

**Resource person : Ms C E Myrthong, Principal Coordinator College of Nursing
NEIGRIHMS**

Ms Rosema Kom, Tutor, College of Nursing NEIGRIHMS

Ms Thiyarlyne Nongkhlaw, Tutor, School of Nursing, Civil
Hospital, Shillong

Ms Mebarisha I Khongriah, Training Coordinator, GFATM Project

Dr M Mawrie , DTO East Khasi Hills, Shillong

Total No Of Participants : 31

• **9th to 11th February 2015**

Name of Programme : TB TON

**Resource person : Ms C E Myrthong, Principal Coordinator College of Nursing
NEIGRIHMS**

Ms S Pramila Devi, Tutor, College of Nursing NEIGRIHMS

Ms Ieidleng Dkhar, Tutor, School of Nursing, Ganesh DasHospital,
Shillong

Ms Mebarisha I Khongriah, Training Coordinator, GFATM Project

Dr A Kabir, MO I/C, DOTS & DMC, NEIGRIHMS

Total No Of Participants : 33

• **18th to 20th February 2015**

Name of Programme : TB TON

Resource person : Ms C E Myrthong, Principal Coordinator College of Nursing
NEIGRIHMS
Ms S Pramila Devi, Tutor, College of Nursing NEIGRIHMS
Ms Larista Dohling, Public Health Nurse Instructor, Regional Health
and Family Welfare Training Centre, Shillong
Ms Mebarisha I Khongriah, Training Coordinator, GFATM Project
Dr M Mawrie , DTO East Khasi Hills, Shillong

Total No Of Participants : 31

- **9th to 14th March 2015**

Name of Programme : HIV/AIDS & ART TON

Resource person : Ms C E Myrthong, Principal Coordinator College of Nursing
NEIGRIHMS
Ms Kalpana Newar, Tutor, College of Nursing NEIGRIHMS
Ms Alila Jamir, Tutor, College of Nursing NEIGRIHMS
Ms Pallabi Chetia, Lecturer, SMCON, Guwahati
Ms Nabajani Dutta, Lecturer, Army Institute of Nursing, Guwahati
Ms Mebarisha I Khongriah, Training Coordinator, GFATM Project
Dr O P Agarwal, Sr M&O, ART Centre Civil Hospital Shillong.

Total No Of Participants : 32

- **16th 17th March 2015**

Name of Programme : ANM TB TON

Resource person : Ms C E Myrthong, Principal Coordinator College of Nursing
NEIGRIHMS
Ms Arunjyoti Dutta, Training Coordinator, RNC, Guwahati
Ms Daily Happy Langbha, Tutor, School of Nursing, Ganesh Das
Hospital, Shillong
Ms Mebarisha I Khongriah, Training Coordinator, GFATM Project

Total No Of Participants : 29

- **19th to 21st March 2015**

Name of Programme : ANM HIV/AIDS & ART TON

Resource person : Ms C E Myrthong, Principal Coordinator College of Nursing
NEIGRIHMS
Ms Nirupama Devi, Principal, School of Nursing Nagoan
Ms Himakshi Kalita, Clinical Instructor, SMCON, Guwahati
Ms Mebarisha I Khongriah, Training Coordinator, GFATM Project
Mr Famous Star Marbaniang, Statistical Officer, MACS

Total No Of Participants : 25

- **24th to 25th March 2015**

Name of Programme : ANM TB TON

Resource person : Ms C E Myrthong, Principal Coordinator College of Nursing
NEIGRIHMS

Ms Atifa Begum, Staff Nurse, NEIGRIHMS
Ms Malynda Marbaniang, Tutor, School of Nursing, Ganesh Das
Shillong.
Ms Mebarisha I Khongriah, Training Coordinator, GFATM Project
Dr M Mawrie, DTO East Khasi Hills, Shillong.

Total No Of Participants : 22

OTHER ACTIVITIES

- **Anti-Ragging** - Ragging is banned in the College of Nursing, NEIGRIHMS. The Anti – Ragging squad comprising of all teaching faculty and Wardens of the College was constituted in line with the Hon’ble Supreme Court directives on the recommendations of the Lyngdoh Committee.
No report on ragging was received from the college.

SECTION – B
HOSPITAL ADMINISTRATION
MEDICAL SUPERINTENDENT

Medical Superintendent

Prof. A. C. Phukan, MD,DMV,DSA,WHO Fellow.

Deputy Medical Superintendent.

Dr. B. Borgohain, MBBS, MS(Ortho), DNB(Ortho).

Senior Resident, Deptt. of Hospital Administration.

Dr. Seema Konwar, MBBS, MHA.

The Office of the Medical Superintendent is located at the ground floor near the Entrance of the OPD Block in Room No. 12 of the Main Hospital Complex. Opposite to it is the Registration and Reception area along with the MRD Department.

The Office oversees to all the activities related to patient care services in the Hospital. NEIGRIHMS being a Premier Institute in the entire North East Region is equipped with the best of infra-structure, equipments and human resource offering quality health care services to the patients with the available facilities. The Hospital has total bed strength of 541 which are distributed among various Medical, Surgical and Super specialty Departments It is well equipped with modern diagnostic and therapeutic facilities provided by the competent and experienced Faculty, Resident Doctors and trained nurses and supporting staff which are delivered either free of cost or at subsidized rates to the patients. It renders patient care services to the people of entire North East Region where maximum beneficiaries are from the State of Meghalaya besides patients from the surrounding North Eastern States and other states of the country. Patients from outside the country like Nepal, Bangladesh, Myanmar and Bhutan also avail to the hospital services. It has State- of-the-art Operation Theatres providing operative services to the needy patients and Intensive Care Units such as CCU, ICCU, PICU, NICU, CTVS-ICU for extending quality intensive and critical care services.

The number of patients availing treatment in NEIGRIHMS for the period from 1st April, to 31st March, 2015 is on the rising trend. The total number of patients who attended Out-Patients Department was **2,54,910** and In-Patient Department was **18,477** where **4,990** patients underwent surgical procedures both major and minor operations during the reporting period. The Hospital also provides various Clinical Laboratory & Diagnostic Services to the patients. The Clinical labs altogether conducted **14,94,399** investigations of different types in the Department of Biochemistry, Pathology and Microbiology during the reporting year. The Diagnostic services

rendered by the Department of Radio-diagnosis in the form of MRI, CT Scan, X-Ray, Ultra-Sonography, Interventional Radiology etc has come to around **87,048**.

The existing functional Departments in the hospital are:-

1. Basic Sciences:

- Anatomy
- Biochemistry
- Community Medicine
- Forensic Medicine
- Microbiology
- Pathology
- Pharmacology
- Physiology

2. Medical Speciality:

- Anaesthesiology
- Dermatology
- General Medicine
- Oncology
- Paediatrics
- Psychiatry
- Radiology

3. Surgical Speciality:

- ENT
- General Surgery
- Obstetric & Gynaecology
- Ophthalmology
- Orthopaedics

4. Medical Super Speciality:

- Cardiology
- Neurology

5. Surgical Super Speciality:

- CTVS
- Neuro-Surgery
- Urol

Other services of the hospital are:-

- Ambulance Services
- Blood Bank

- Dentistry
- Dietary
- Dialysis unit
- Emergency & Casualty Services
- Medical Social Work
- Mortuary Services
- Pain Clinic
- Pharmacy
- Physiotherapy
- Private Ward facility

Performance for the period 1st April 2014 to 31st March 2015 can be summed up as:-

- i. Patients availing OPD & IPD services
 - OPD –2,54,910
 - IPD – 18,477
- ii. Total Births & Deaths recorded
 - Births – 1,794
 - Deaths – 910
- iii. Operation conducted
 - Major – 3,355
 - Minor – 1,635
- iv. Patients from Meghalaya
 - OPD – 2,42,417
 - IPD – 15,695
- v. NE excluding Meghalaya
 - OPD – 12,135
 - IPD – 2,796
- vi. Rest of India excluding NE
 - OPD – 334
 - IPD – 19
- vii. Outside India (i.e. Bhutan, Nepal, Myanmar and Bangladesh)
 - OPD – 24
 - IPD - 3

Extra Activities:-

NEIGRIHMS is also conducting the Annual Health Check-up for the Group – A Officers of All India Services from various Central and State Government Departments. In the year 2014-15 the Officers from the following Departments underwent Annual Health Check-up at NEIGRIHMS:-

IAS, IFS, IPS, IRS, SIB, Postal Department, NEC, Income Tax Department, Custom & Excise Department, CPWD, Ministry of Foreign Affairs, Ministry of Telecommunication, Ministry of Personnel, PG and Pensions, Ministry of Ground Water Resources, GOI and CBI.

Around 75 numbers of officers were rendered the service.

Conference /Workshop/ Orientation Programme conducted:

1. Orientation Programme was conducted for 11 Students from Ohio University, College of Medicine, USA was conducted w.e.f 23rd to 25th June 2014 in collaboration with the Deptt. of Community Medicine.
2. Sensitization Programme on H₁N₁ was conducted on the 2nd March 2015 at NEIGRIHMS

Conference/Workshop attended by the Officials of Medical Superintendent's Office:-

A. Prof. A.C Phukan, Medical Superintendent:

1. National Workshop on “Medico Legal Issues in Healthcare Management & Achieving NABH & NABL Accreditation” Organized by Advanced Management Institute at India International Centre on 16th & 17th May, 2014 at Delhi.
2. National Workshop on on “New Trends & Best Practice in Managing Hospital Services”- Organized by Advanced Management Institute at India International Centre , New Delhi, from 26th July to 27 July 2014.
3. Meeting at Nirman Bhawan, New Delhi on the 13th October, 2014 for attending the Screening Committee for Faculty.
4. Inspection on ID Hospital, Belighata, Kolkata on the 11th October, 2014 for management of Ebola Out-break deputed by MoH&FW, GOI, New Delhi.

B. Dr. S. Konwar, SRD, Hospital Administration:

1. Awards and Recognitions:-

- i) Best Senior Resident Doctor of NEIGRIHMS 2014-2015 – Awarded during the 3rd Annual Day Celebration of NEIGRIHMS
- ii) Director’s Special Award and Certificate of Appreciation for Designing and Developing the Institutes Website– Awarded during the 3rd Annual Day Celebration of NEIGRIHMS 2015

2. Lecture delivered on-

- i) Guest lecture on Orientation Programme for 1st year Post Graduate and Post Doctoral students, organized by Medical Education Unit, NEIGRIHMS on 23rd July 2014

3. Contribution as Organizing Committee Member for –

- i) The 3rd Annual Day Celebration of NEIGRIHMS, March 5th 2015.

- ii) Seminar on Research Methodology and Biomaterials at NEIGRIHMS, Shillong on 20th and 21st March 2015

4. Conference and Workshop Attended:-

- i) Participated in workshop on “Medico Legal Issues in Healthcare Management and Achieving NABH and NABL Accreditation” - Organized by Advanced Management Institute at India International Centre , New Delhi ,dated 16 May – 17th May 2014.
- ii) CME on “Clinical Laboratory Quality Management System : Road to Accreditation” organized by the Department of Biochemistry, NEIGRIHMS on May 20th 2014.
- iii) Participated in workshop on “New Trends & Best Practice in Managing Hospital Services” - Organized by Advanced Management Institute at India International Centre , New Delhi ,dated 26th July to 27 July 2014.
- iv) Participated in CME on “Pharmacovigilance” on 28th June 2014, held at NEIGRIHMS, Shillong . Organized under aegis of Indian Pharmacopoeia Commission (IPC) Ministry of Health & Family Welfare, Govt .of India
- v) Participated in Integra Healthcare Symposium- “Quality : A tool to enhance and sustain patient experience” - Organized by Integra Ventures in support of National Accreditation Board for Hospitals & Health care Providers (NABH)on 15th Nov 2014,held at Guwahati, Assam

Observance of Occasion:-

The following International Events were observed in the Hospital during the reporting period.

1. World Health Day – 7th April, 2014
2. World Immunization Week – 24th – 30th April, 2014
3. World Environment Day on the 5th June, 2014 along with Plantation Drive
4. World Population Day & Week- 11th to 24th July, 2014
5. World Tobacco Day- 31st May, 2014
6. World Blood Donation Day 14th June, 2014
7. Swachh Bharat – Mass Movement of Clean India was observed on 2nd October, 2014.

During the reporting period the Hospital was visited by various officials/groups:-

- 1). Visit by the Deputy Secretary, Health & Family Welfare, Govt. of India on the 29th April, 2014.
- 2). Visit by Prof. Jagdish Prasad, Director General of Health Services, Govt. of India on the 30th April, 2014.

3). Visit by Damon A Williams and Bemvind Pereira from U.S Consulate, Kolkata on 22nd October, 2014

4). Visit by the Opinion Leaders from Dehradun Region on 9th Feb, 2015.

REGISTRATION AND MEDICAL RECORD DEPARTMENT

The Registration and Medical Record Department is headed by the Medical Record Officer under the Supervision of the Medical Superintendent, the staffs attached with the Department are as follows:

1. Prof. A.C. Phukan (Medical Superintendent cum Birth and Death Registrar)
2. Smt. W. Mawthoh (Medical Record Officer)
3. Registration Clerk - 6
4. Record Clerk - 10
5. MTS - 2
6. Outsource - 6

Introduction

The Department of Registration and Medical Records is located at the ground floor, from the main entrance on the left side which covers an area for facilities for patients like public telephone, waiting space for patients and visitors, drinking water facility and nearby toilet facilities. The Department has 3 counters, (i) Indoor admission (ii) Out Patient Counter (iii) Billing Section.

New Registration is done in five counters, senior citizen counter, female counter, follow-up counter, male counter and counter for receiving and distribution of certificates.

The Registration counter functions 24x7. OPD Registration starts at 8:30 am in the morning till 2:00 pm throughout the week except Saturdays where the closing time is 11:00 am. Sunday and other holidays, the OPD remains closed. Registration of patients, both OPD and IPD is done from the MRD Registration Counter. This department is responsible for computerized registration of new patients in different departments and retrieving old files and test reports. The computerization of the department has been done and has been linked to the OPD, emergency and the Medical Superintendent's Office etc, through involvement of National Informatics Centre (Shillong) but till date link connection has not been done.

I New Record Care

The In-Patient files within three years from the date of Admission are being kept in the Main Registration Room and are arranged serially according to the IP Number. After every three years, the In-patient files are being transferred to the Store Room which is in the minus one level of the Hospital.

II Old Record Care

The Department has an old records care room at the minus one (-1) floor adjacent to the mortuary room. The Old records care room is used for reference by the students and doctors for study purpose.

III Record flow

From the beginning, the Department constituting the Registration Clerk, Record Clerk and some outsource staff have been compiling the outpatient daily reports and monthly reports and other data collected from different departments. They are listed below:

1. Registration

OPD

- a. New Registration of Out patients
- b. Follow up registration of patients
- c. Maintenance of daily statistics of follow up patients
- d. Computerized registration of New Outpatients.

IPD

- a. In patient registration.
- b. Maintenance of statistical report of in-patients from Outside Meghalaya
- c. Maintenance of statistical report on the number of in-patients.
- d. Computerized registration of in patients.

2. Birth

- a. Registration of Births
- b. Issuing of Birth Certificate
- c. Issuing of Duplicate Birth Certificate
- d. Preparation of Monthly Reports of Birth as per format provided
- e. Entering of birth report details into the giant register
- f. Preparation of Annual Birth Report. (Statistical Report)

- g. Lamination fees are collected and the amount is forwarded to Accounts Section, NEIGRIHMS which is a source of revenue for the Institute.

3. Death

- a. Registration of Deaths
- b. Issuing of Death Certificate
- c. Issuing of Duplicate Death Certificate
- d. Examining documents for settlement of double claim certificate
- e. Forwarding relevant documents for obtaining signature by treating physician from LIC claims
- f. Examining documents of brought dead patients to be sent to District Medical Health Officer with a copy to Diengpasoh PHC for necessary issuing of the claim.
- g. Preparation of Monthly Report of Deaths as per format provided
- h. Entering of death report details into the giant register
- i. Preparation of Annual Birth Report. (Statistical Report)
- j. Lamination fees are collected and the amount is forwarded to Accounts Section, NEIGRIHMS which is a source of revenue for the Institute.

4. Statistical Reports

- a. Maintenance of Monthly OPD Reports (Old, new and referred).
- b. Maintenance of Monthly IPD reports.
- c. Maintenance of Monthly Report of Deaths and Births.
- d. Maintenance of Monthly statistics of Investigations and procedures done in all Departments/OPD.
- e. Maintenance of monthly statistics on the number of operations done.
- f. Maintenance of monthly statistics on the number of outside state patients/foreign patients who attended NEIGRIHMS. (IPD and OPD).
- g. All the above mentioned monthly reports are being updated to the Annual Report of the Medical Record Department.

5. Medical Leave (Staff and Outside patient)

- a. Forwarding of Medical Leave of staff and outside patient as per format provided to the Medical Superintendent for signature.
- b. Forwarding of Medical Fitness certificate of staff and outside patient as per format provided to the Medical Superintendent for signature.

6. Medical Claims

- a. Examining documents and all cash receipts of the applicant (staff and outside patient).
- b. Forwarding of Re-imbusement Claims of patient (staff and outside patient) to the Medical Superintendent for Signature.

7. Estimate Treatment

- a. Examining documents of the applicant (staff and outside patient).
- b. Forwarding of the application (staff and outside patient) to the Medical Superintendent for Signature.

8. Referral Treatment (Staff & Outside patient)

- a. Forwarding of the application (staff and outside patient) to the Medical Superintendent for Signature.
- b. In case of staff of NEIGRIHMS, a Medical Board is fixed on every Wednesday and whenever the case arises.

9. Sterilization

Reports are collected from Gynecology department, after compilation the same is forwarded to the office of the District Health and Medical Officer.

10. Current Official Work

- a. Compilation of Communicable diseases as per format.
- b. International Classification of Disease (ICD-10) as per format
- c. National Rural Health Mission (National Programme)
- d. Investigation and procedures reports a) Microbiology b) Pathology c) Biochemistry d) Urology e) Radiology
- e. Records of patient from outside the state, both indoor and outdoor.
- f. Maintaining and distributing of Health Cards to all the Neigrihms employees.
- g. Medico Legal Cases- kept separately from the inpatient case sheet for safe custody.
- h. Records of patients being brought by Emergency Services (EMRI 108).
- i. Regarding the In-patient section, the record has been streamlined through the back up register for easier reference.
- j. Correspondence and keeping record of Under Trial Patients
- k. Medical fitness certificate for new appointment (Outside employee)
- l. Sterilization – a) Correspondence
b) Quarterly Report
- m. Lamination of Birth and Death Certificates.
- n. Pink OPD cards has been introduced to all the staffs and students of Neigrihms since March 2012.
- o. Blue OPD cards for Senior citizens has been introduced since July 2012.

National Health Schemes

The Department collects the data for preparation of the achievement statistics on the following National Programmes. The reports of the same are being submitted monthly and annually to the State Government.

- a) National Rural Health Mission.
- b) Revised National Tuberculosis Control Programme.
- c) Sterilization Report on family planning.
- d) Birth and Death.

Corresponding to the Higher Authority (State Government) for settlement on Double Claimant for one Death Certificate.

Corresponding to the State Government on the Post Mortem death cases referred by Neigrihms etc. on the cases occurred at Neigrihms.

The compiled records from serial 1 to 8 are forwarded on the 5th of every month and serial number 20 is being submitted quarterly to the District Medical and Health Officer, East Khasi Hills and to the Deputy Director and Medical Superintendent respectively.

Hospital Statistics

	2014-15
Out Patients	254910
IN Patients	18477
Death	910
Birth	1794

Outside State Patients:

OUTPATIENT	12278
IN PATIENT	2801

Operation Theatre

Major	3355
Minor	1635

Bed Strength	541
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Investigations and Procedures:

	2014-15
Pathology	527791
Microbiology	328553
Biochemistry	638055
Radiology	87048
Neurology	1145
Cardiology	27627
Urology	1955
Orthopaedics	62576
Gynaecology	29691
Dietary Unit	
Diet Counselling	736
Diet Supply	146498
Hospital Charges Collected	Rs. 2, 11, 68,900/-

IV Development of Skilled Work:-

All the Registration Clerks and Records Clerks and Out Source have learned to maintain Statistical Records, operating files, receipt, issuing and drafting medical certificate and current official work. This work is being done after lunch time till closing time except for the registration of the Blue and Pink OPD cards.

V. Improvement of Skilled Work

1. Registration on the Blue/Pink/Health card etc.
2. Hierarchy of Billing Section is flowing regularly for future Official Record.
3. Records maintaining on the Re-imburement cases State wise.

VI Daily Routine

Additional work being done by the Department comprises of the following

1. Assembling and arranging the IPD Case sheets
2. Medico legal cases to be kept accordingly after arranging and assembling
3. IPD case sheets are arranged serially
4. Issuing of Medical Leave Certificate to patients
5. Referral of patients for treatment to hospitals outside the State as well as within the State.
6. Furnishing of duplicate documents required by the applicant for claiming LIC

NURSING DEPARTMENT

Nursing Department is headed by Nursing Superintendent and is responsible to the Medical Superintendent. Total number of functioning beds in the Institute is 543.

Staff Position:

Nursing Superintendent - 1

Deputy Nursing Superintendent- 8

Ward in charges - 55

Staff Nurses – 328 Permanent & 65 Outsource

Academics and Human Resource Development:-

1. Ward Incharge from Radiology Department attended ISVIR Conference ‘Flow’ 2014 w.e.f from 3rd April, 2014 to 6th April, 2014 in Mumbai.
2. Two staff nurses were sent for Hindi Typing (UNICODE) technical training on 9th April, 2014.
3. One Ward Incharge and one staff nurse from Labour room were sent for training on “Implementation of Whole Blood Finger Prick Testing at Labour Room, NEIGRIHMS using SD Bioline Testing Kit” on the 22nd April, 2014.
4. Nursing Staff participated in various games arranged during the Nurses Week and Food Fest Competition where they won 3rd Prize.
5. One staff nurse from ICU was sent for Training Programme on HIV/AIDS and ART under GFATM-Project (Round-7) from 26th May, 2014 to 31st May, 2014.

6. Staff nurses were sent batch wise during the whole month of June for sensitization & Education Programme on Pharmacology Vigilance.
7. Two Ward Incharge were sent for a two day Hindi Workshop organized by the institute in order to implement official Language Policy of Central Government on the 20th June, 2014 and 21st June, 2015.
8. Nursing staff took part by giving counseling of clients on the basket of choices of Family Planning methods during the Population Stabilization fortnight from 11th July, 2014 to 24th July, 2014.
9. Twelve Nursing staffs were sent for Hindi Typing Training for the session August, 2014 to January, 2014 at Directorate General Assam Rifles, TOLIC Shillong.
10. Nineteen staff nurses were promoted to the post of Ward Sister.
11. Staff nurses participated in the TNAI XVIII State Biennial Conference held at NEIGRIHMS, w.e.f 12th August, 2014 to 13th August, 2014.
12. Two Staff nurses attended a two day Hindi Workshop organized by the institute on the 20th August, 2014 to 22nd August, 2014.
13. Five staff nurses from the Department of Emergency, CTVS ICU, OT, Cathlab were sent for the 2nd Comprehensive Emergency & Trauma Training Workshop (CETTW) at AIIMS, Delhi from 30th August, 2014 to 6th September, 2014.
14. Two staff nurse were sent for Training Programme on HIV/AIDS & ART under GFATM-Project (Round-7) from 8th September, 2014 to 13th September, 2014.
15. Five staff nurses from CTVS-ICU were sent for a short term refresher training at Cardiothoracic center Department of CTVS, All India Institute of Medical Sciences, New Delhi w.e.f 15th September, 2014 to 29th September, 2014.
16. Four staff nurses were sent for a short term refresher training at Cardiothoracic center Department of CTVS, All India Institute of Medical Sciences, New Delhi w.e.f 1st October, 2014 to 15th October, 2014.
17. Four staff nurses were sent to attend the 6th O.C.C.P Course Conference w.e.f 30th October, 2014 to 3rd November, 2014 at Jaipur.
18. Nursing staffs and two Ward Incharge attended the State level Nursing Superintendent Workshop under GFATM-Project (Phase-II) held at College of Nursing NEIGRIHMS, on 31st October, 2014.
19. All Nursing Staffs took the National Unity Pledge with enthusiasm in their respective Department to commemorate "Rashtriya Ekta Diwas" (National Unity Day) on 31st October, 2014.
20. Thirty three nursing staffs attended the workshop organized by the Department of Pediatric NEIGRIHMS, in collaboration with IAP Meghalaya State Branch on 15th November, 2014.
 - Workshop I-Developmentally supportive care in the newborn
 - Workshop II- Autism

21. One staff nurse from ICU was sent for the Training Programme on HIV/AIDS & ART under GFATM-Project (Round-7) to College of Nursing, NEIGRIHMS from 10th November, 2014 to 15th November, 2014.
22. Two staff nurse from Medicine ward were sent for the Training Programme on TB Care & Control in India under GFATM-Project from 26th November, 2014 to 28th November, 2014.
23. Two staff nurse from Medicine ward and one from Private ward were sent for the Training Programme on Tuberculosis Care & Control in India under GFATM-Project (Round-7) organized by College of Nursing NEIGRIHMS, Shillong from 3rd December, 2014 to 5th December, 2015.
24. Eighty one nursing staffs were sent for Training on Pre-analytical errors for three consecutive days wef 8th December, 2014 to 10th December, 2014.
25. Two staff nurses from Medicine ward and one from Private ward were sent for Training Programme on Tuberculosis Care & Control in India under GFATM-Project (Round-7) organized by College of Nursing NEIGRIHMS, Shillong from 10th December, 2014 to 12th December, 2015.
26. Two staff nurses were sent for rendering of Medical Services to the Dignitaries attending NEC63rd Plenary Meeting on 2nd January, 2015.
27. Two staff nurses participated in the Pulse Polio Immunization at NEIGRIHMS, Shillong from 19th January, 2015 to 21st January, 2015.
28. Three staff nurses were sent for Training Programme on Tuberculosis Care & Control in India under GFATM-Project (Round-7) organized by College of Nursing NEIGRIHMS, Shillong from 2nd February, 2015 to 4th February, 2015.
29. Three staff nurses were sent for Training Programme on Tuberculosis Care & Control in India under GFATM-Project (Round-7) organized by College of Nursing NEIGRIHMS, Shillong from 9th February, 2015 to 11th February, 2015.
30. Three staff nurses were sent for Training Programme on Tuberculosis Care & Control in India under GFATM-Project (Round-7) organized by College of Nursing NEIGRIHMS, Shillong from 18th February, 2015 to 20th February, 2015.
31. One staff nurse was sent as part of the Medical team during the visit of the Hon'ble Union Cabinet Minister, Dr. Harsh Vardhan, Minister of Science & Technology wef 17th February, 2015 to 19th February, 2015.
32. Two Ward Incharge were sent to attend a National Conference on "Nurse Leader towards a New Horizon" at GNRC Auditorium, Dispur on 21st February, 2015.
33. One staff nurse was sent to participate in the Pulse Polio Immunization Programme held at NEIGRIHMS, on 23rd February, 2015 to 25th February, 2015.
34. Two staff nurses were sent for Soft Skills training (Communication, Counseling & Team Building) organized by Christian Medical Association of India, Shillong on 27th February at R.P Chest Hospital, Shillong.

35. Four staff nurses from ICU & Medicine ward were sent for the Training Programme on HIV/AIDS and ART under GFATM-Project (R-7) from 9th March, 2015 to 14th March, 2015.
36. One staff nurse was deputed as Resource Person for the ANM Training Programme on TB Control & Care in India under GFATM-Project (Round-7) organized by the College of Nursing NEIGRIHMS, Shillong on 24th and 25th March, 2015.
37. Nursing Superintendent, Deputy Nursing Superintendent and staff from Medicine, ICU, Pediatric, Surgery were sent for one day CME on Management of MDR Tuberculosis in collaboration with the State Tuberculosis Society (RNTCP) Meghalaya on the 10th March, 2015.

DIETARY SECTION

The dietary unit has ample space and has all modern equipments and appliances which have simplified the work. The department is presently catering to more than 350 patients per day.

Activities:

The Dietary Department perform two major activities that is

1. Nutritional care of patients
2. Food service management

1. Nutritional care of Patients

Nutritional care is provided through an

a) Out-patient diet clinic

The assigned Dietician would first check the patients OPD card for diagnosis and diet advice, then only plan the diet and provide a Chart with detailed counselling on how to follow it.

b) In-patient Nutritional Care

The assigned Dietician will conduct ward rounds on a daily basis to visit the individual patients in order to assess the nutritional status, to make changes according to the patients need and requirement and to give a brief orientation about our hospital diet. A careful Dietary history of each admitted patients is taken, diagnosis and biochemical parameters are being checked so as to modify the diet according to the diseased condition. Diet Chart and counselling is also being provided at the time of discharged.

2. Food service management

Diet is compulsory for all In-patients. Hospital kitchen is being managed on a contractual basis. The meals are prepared and served as per daily instruction given by the Dieticians who maintain a strict check on the quality of food and the services provided

The major activities that take places in the kitchen are:

- a) Receiving of raw materials.
- b) Storage of raw materials in proper storage area like the walk in cooler for perishable goods and dry storage area for non-perishable goods.
- c) Production of food where various meals are prepared according to prescribed diet plan.
- d) Serving of food according to the portion prescribed in the diet plan with the help of standardize cups and serving the diet tray at the patient's bed side.

The major role of the Dieticians in the food service area is:

- a) Compilation of the diet sheets received from all the wards twice a day. Planning of therapeutic diet with the help of a meal card which specifies the calories and protein requirement. The meal card also has a list of food items to be served during each meal. Meal card will be placed on each therapeutic tray at the time of food serving so as to guide the service person on the type of diet, portion size and foods to be given.
- b) Planning of Ryle's Tube Feeds according to the required calories, protein and volume needed.
- c) Evaluation of prepared food before serving to the patient.
- d) Checking the therapeutic tray of patients during the serving time to ensure that patient received the meal as per the plan given in the meal card.
- e) Monitoring of cleanliness of the various areas within the kitchen.

The various types of diet being provided are:

- 1) Regular Normal diet
- 2) Soft diet
- 3) Clear Liquid diet
- 4) Full Liquid diet
- 5) Ryle's tube feeds
- 6) Jejenostomy feeds
- 7) Diabetic diet
- 8) Renal Diet
- 9) High Protein diet
- 10) Salt free diet
- 11) High Fibre Diet
- 12) Weight Reducing Diet

MAN POWER:

SL No.	Name	Designation
1.	Ms. Tyngkaimon Rynjah	Deputy Chief Dietician

2.	Ms. Balasara Shisha Lyngdoh	Asstt.Dietician (Contract)
3.	MTS	- 5
4.	Computer Clerk	- 1
5.	Diet Clerk	- 1
6.	Attendant	- 2

ACADEMIC ACTIVITIES APRIL 2014 TO MARCH 2015

1. The Dietitian and Asstt.Dietitian attended the Continuing Medical Education (CME) conducted by the Northeast Nutrition and Dietetics Association on the 18th May 2014. A paper presentation on Nutrition in Severe Acute Malnutrition (SAM) is also being delivered by the Asstt Dietitian during the programme.
2. A 45 days internship programme was conducted for a student from Sam Higginbottom Institute of Agriculture, Technology and Sciences, Allahabad w.e.f 26th May 2014- 15th July 2014.
3. The Asstt.Dietitian attended the 6th Apollo International Clinical Nutrition Update -2014 on the 9th and 10th August 2014 at Bangalore on the Theme: “Pediatric to Geriatrics Practice Based Evidence in Clinical Nutrition”
4. The Deputy Chief Dietician and Asstt. Dietician attended a one day workshop on Renal Nutrition on the 21st September 2014 in Guwahati organised by Abbott Health care Pvt. Ltd.
5. The Asstt. Dietitian attended and delivered a keynote address on the topic “Role of Dietitian/ Nutritionist in the Health setup and Community”, during the World Food Day Celebration on the 16th October 2014 organised by the Northeast Nutrition and Dietetics Association (NENDA).

Future Plans

- a) The Dietary Department plan to conduct Internship programme for any interested qualified students in the field of Nutrition.
- b) To organize CME programmes on a periodic basis.
- c) To improved the hospital diet and to give a better nutritional care to all patient

Need of the hour

- a) At the present the Dietary Department is functioning with only one Dietician and One Asstt. Dietician (on contract basis) for a 500 bedded hospital. It is the duty of Dieticians to visit all admitted patient and nutritional care must be provide to all. Due to the reason of being under staff the Dietician are unable to see all the In-patients which is a necessity. So, at present the Dietary Department need more Dieticians to be appointed so as to enable the Department to function efficiently and to give more attention to all admitted patients.

The statistics of the Department are as follow

Diet Supply	Diet Counselling	
	Out - Patients	In - Patients
146392	742	1253

Swachh Bharat Cleaning Campaign on the 2nd October 2014

LAUNDRY

The laundry functions 8 hours a day and 6 days a week rendering its services to the patients as well as the staffs of the Institute.

Some of the machines available in the department are as follows;

Sl. No	Particulars	Capacity	Quantity
1	Washing Machine (Electrically operated)	100 kg	3
2	Washing Machine (Electrically operated)	30 kg	2
3	Sluicing Machine (Electrically operated)	30 kg	1
4	Hydro Extractor (Electrically operated)	50 kg	3
5	Dry- cleaning Machine (Electrically operated)	30 kg	1
6	Flat Bed Press (Steam operated)	-	1
7	Flat Steam Iron (Steam operated)	-	2
8	Hand Steam Iron (Steam operated)	-	2
9	Dryer (Steam operated)	100 kg	4
10	Mobile Trolley / Table	50 kg	2

11	Wash Room Trolley	30 kg	6
12	Linen Shelf	-	10

In the month of February, 2015 one more washing machine of 30 kg capacity was installed in the department with the increase in the workload.

The department is headed by the Medical Superintendent and assisted by the Laundry I/c. There are altogether 3 permanent staffs in the department, 2 laundry supervisors, 1 posted in the general laundry and another one in the O.T laundry, and a laundry mechanic, newly appointed in the month of June, 2014. With the increase in the work load, the strength of staffs has also increased in the department from 12 to 23 people, wherein the other 11 people were sanctioned in the month of September, 2014 bringing the total strength of outsourced staffs to 25 people.

Sl. No	Distribution of Work	No of Staff
1	Collection and delivery of linen.	6
2	Washing soiled linen.	6
3	Airing of linen.	6
4	Folding	3
5	Arrangement of linen.	2
6	Ironing.(Done by supervisor who is a permanent staff)	1
7	Tailoring.	2
	Total	26

All staffs are being rotated in different areas as and when required.

The functions included

1. Collection and Delivery of Linen
2. Washing soiled linen
3. Ironing
4. Folding
5. Arrangement of linen

O.T. LAUNDRY

The O.T Laundry is another section of the general laundry. Situated in the back area of the O.T, it functions 24 hrs a day or according to the number of cases being performed in a day.

The O.T laundry caters to departments in the hospital such as Orthopaedic, Gynaecology, Surgery, C.T.V.S, Urology, E.N.T, Ophthalmology, I.C.U and all surgery related deptts, washing soiled linen and delivering clean and uninfected linen on the same day.

Account of Linen received by the Laundry Department

APRIL 2014- MARCH 2015

Nos. of Linen from WARD	1,92,855
Nos. of Linen from O.P.D	71,383
Nos. of Linen from O.T	1,19,001
TOTAL Nos. of LINEN	3,83,239

BLOOD BANK

- Location:** The Department of Blood Bank is located at **level 0** of the main hospital building midway from the main reception area of the hospital.
- During the period from 1st April 2014 till 31st March 2015 ,the number of blood units collected were as follows:
 - Number of donors screened : 6519
 - Number of donors accepted : 4900
 - Number of Replacement donors : 4259
 - Number of voluntary donors : 641
- STAFF STRENGTH:**
 - Medical officer In Charge : 01.

Junior Medical Officer	:	01
Junior Resident Doctors	:	00
Laboratory Technicians		
(1 no under contract with MACS)	:	08.
Laboratory Assistants (skilled)	:	03.
Laboratory Assistants (Semi -skilled)	:	02.
Laboratory Attendants	:	04.
Staff nurse	:	01.
Counselor	:	00.
Record Clerk	:	00.
Cleaner	:	01.

4. VOLUNTARY BLOOD DONATION CAMPS

A total of 18 Voluntary Blood Donation camps were held during the said period involving the following Institutes & organizations:

i. In house : 05 Nos

Sl. No.	Organization/Institute	Dated	No. of units Collected
1.	World Mission Society Church of God, Shillong	21 st May 2014	61 nos
2.	Thalai Kristian Pawl, Shillong	23 rd of July 2014	34 nos
3.	The Calvary Bible College, Shillong	8 th September 2014	28 nos
4.	K.L Bajoria College, Shillong	16 th of October 2014	6 nos
5.	Department of Pediatrics, NEIGRIHMS	3 rd February 2015	13 nos

ii. Out house : 13 Nos.

Sl. No.	Organization/Institute	Date	No. of units Collected
1.	44 Battalion, BSF, Mawpat, Shillong	31 st May 2014	14 nos
2.	73 rd Battalion, BSF, Mawpat, Shillong	16 th of June 2014	23 nos
3.	Ri-Bhoi College, Nongpoh	5 th of August 2014	22 nos
4.	The Heritage - A Socio Cultural Organization, R&R Colony, Rynjah	15 th of August 2014	60 nos
5.	The National Institute of Technology, Meghalaya	29 th of August 2014	54 nos
6.	19 th Battalion, BSF, Mawpat, Shillong	30 th August 2014	38 nos
7.	The NSS Unit, NEHU, Shillong Meghalaya	13 th of September 2014	55 nos
8.	NSS & RRC units of Sngap Syiem College, Mawkyrwat	29 th of October 2014	8 nos
9.	Lady Keane college, Shillong	1 st of November 2014	29 nos
10.	State central Library, Shillong	1 st of December 2014	3 nos
11.	Composite Hospital, BSF, Umpling, Shillong	2 nd of December 2014	64 nos
12.	Shillong Bar Association, Shillong	4 th of December 2014	25 nos
13.	Ramakrishna Mission, Shillong	12 th of January 2015	21 nos

5. TESTS PERFORMED IN THE BLOOD BANK:

A. ROUTINE TESTS (No. of tests done in the said period):

- i. Blood Grouping : 15671
 - ii. Cross-matching : 7273
 - iii. TTI screening (reactive) : 157
- (For HIV1&2, HBV, HCV, Syphilis and Malaria)

Sl. No.	TTI	No. of tests done	No. of positive cases
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1.	HIV	4900	07
2.	HBsAg	4900	46
3.	HCV	4900	19
4.	Syphilis	4900	84
5.	HBV + HIV	4900	01

iv. Antibody screening. : 8686 nos.

v. Antibody identification done : 20 nos
Identified : 20 nos.

Unidentified : Nil.

vi. Work up on Transfusion Reactions. : 22 nos.

B. SPECIAL TESTS (No. of tests done in the said period):

i. Rare Antigen typing (Rh, Kell, Duffy, MNS, P1, Lewis, Kidd, etc): 250 nos.

ii. Adsorption and Elution : 20 nos

iii. Neutralization : 20 nos.

6. Blood and Blood products issued:

Sl. No.	Blood / Blood product	No. of Issues
1.	Whole Blood	0
2.	Packed Red Cell	4776
3.	Fresh Frozen Plasma	2830
4.	Platelet Concentrate	1974
5.	Cryoprecipitate	258
	Total	9838

7. ACADEMICS:

1. We have been conducting continuous academic programs for doctors, technicians, and staff, nurse on a weekly basis on various topics on Blood Banking and Transfusion Medicine.
2. Training of other technicians from other Blood Bank of the state have been conducted.
3. State level training programme of specialist doctors of the state of Meghalaya on “Rational use of Blood and Blood components” in November 2014 in collaboration with Meghalaya AIDS Control Society.
4. Participated in the hospital academics with a presentation on “Choice of Blood and Blood products” in the hospital grand round from the Department of Blood Bank.
5. At present three projects are underway, out of which one is DBT funded (3rd year) and two are in collaboration with the Departments of Dermatology and Anesthesiology, NEIGRIHMS.

8. OTHER ACTIVITIES:

1. Celebrated World Blood Donors Day on 14th June 2014 in a State Level Programme.
2. Celebrated National Voluntary Blood Donation Day on 1st October 2014 in a State Level Programme.

MEDICAL SOCIAL SERVICE UNIT

The Unit is run by Medical Social Workers and falls directly under the supervision of the Medical Superintendent.

The hub of activities of Medical Social Services Unit is located in the Ground Floor.

Staff:-

Smt. Badrity Diengdoh – Incharge

Smt. Bashisha Chyne

Smt. Lugracia M.Shullai

Services offered:-

- Counselling
- Care Planning
- Financial Assistance
- Assessment for exemption of investigations
- Assisting and management of medicines / drugs for patients

- Advocacy
- Legal Assistance
- Assisting patients to avail aids and appliances/Disability Certificate
- Liaison between Patients / Patient's family and Doctors
- Motivational counselling for blood replacement
- Crisis Intervention
- Rehabilitation of destitute, abandoned infants in Government approved welfare organizations.
- Supervising and coordinating the work of hospital guides – Enquiry Counter.
- Meeting the complaints, problems, suggestions of patients/visitors.
- Creating awareness and facilitating beneficiaries to government related schemes.
- Creating awareness for Family Planning, HIV/AIDS and others
- Networking- liaising with statutory and voluntary services and agencies.
- Referral and rehabilitation services
- Conduct / Participate training / teaching program pertaining to field of work.
- Mobilize logistic support in case of any disaster
- Supervising fieldwork / Block Placement BSW / MSW students

Conferences Attended:-

- Attended 1st International Conference on Social Work Practice in Mental Health held at the De Paul Institute of Science & Technology in Kochi, Kerala, India.

NATIONAL HEALTH PROGRAMMES UNDER THE UNIT

HEALTH SCHEMES:

1. Janani Suraksha Yojana (JSY)

2. Financial Assistance to BPL/ Poor Patients

a. Rashtriya Arogya Nidhi (RAN)

b. Health Minister's Discretionary Grants (HMDG)

3. RASHTRIYA AROGYA NIDHI (RAN)

4. HEALTH MINISTER'S DISCRETIONARY GRANT (HMDG)

MEDICAL SOCIAL SERVICE UNIT

Detailed Statistics (1st April 2014 to 31st March 2015)

IPD	OPD	TOTAL
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7559	6456	14015
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**List of patients sanctioned under Rashtriya Arogya Nidhi -
Ministry of Health & Family Welfare, Government of India**

Name	Age/Sex	Department	Illness	Intervention	Amount
Victoraj Sangma	1yrs/Male	Radiognosis & Imaging	Embolization	Vein of Galen Malformation	RS. 7,00,000/-
Jamal Uddin Choudhry	22yrs/Male	Radiodiagnosis & Imaging	Complete excision of the entire cerebellar AVM	Embolization	Rs. 3,00,000/-
Bhandal Chakma	15yrs/Male	Radiodiagnosis & Imaging	LALA-A2 Segment Aneurysm	Embolization	Rs. 3,00,000/-
Pabitra Rajkhowa	15 yrs / Male	Radiodiagnosis & Imaging	Left Temporo occipital AVM	Cerebellar AVM with ONYX	Rs. 3,00,000/-

**List of sanctioned patients under RASHTRIYA AROGYA NIDHI (RAN) –
NEIGRIHMS**

Name	Age/Sex	Department	Intervention	Illness	Amount
Ahini Sonowal	45/F	Cardiology	BMV Balloon	RHD with Severe MS with Severe PAH	Rs.1,00,000/-
Albert Thubru	7/M	Oncology	Chemotherapy	Hogdkin Lymphoma	Rs.1,00,000/-
Anderson Shangpliang	48/M	Cardiology	PTCA+Stenting	ACS, AWMI, LVEF40% with ongoing chest pain	Rs.1,00,000/-
Andreas Sohkhet (Cancelled)		CTVS	MVR	Severe MR, RHD	Rs.1,00,000/-
Anihunlang Kharmawlong (cancelled)	2/F	CTVS	Total Correction of DORV	CCHD with DORV pert BT Shunt	Rs.75,000/-

Arun Kumar Karki	50/M	Orthopaedics	Total hip replacement	Neglected fracture neck of femur L	Rs.85,000/-
Augustin Susngi		Orthopaedics	ORIF with stine bone effusion	Non union humerus	Rs. 45,000/-
Bairet Thubru	46/M	Oncology	Chemotherapy	Hogdkin Lymphoma	Rs.1,00,000/-
Banhunshisha Mawkhiew	11/F	CTVS	ASD Closure	Ostium Secundum ASD	Rs.53,500/-
Barisha Kharwanlang		CTVS	L Upper total lecytubectomy	Aspergilloma L upper hole lucy	Rs. 45,000/-
Bhubaneshwar Ram	49/M	Orthopaedics	Orif with plating proximal tibia	Comminited intraticular proximal R tibia(fracture tibial condyle R)	Rs.85,500/-
Biangmon Kharbuki		CTVS	ASD Closure	O.S ASD	Rs.69,000/-
Bill Rymbai		CTVS	AAA-Repair	Abdominal Aortic Aneurysm	Rs. 9,7009/-
Binapani Bisao		Oncology	Chemotherapy	CA Right Breast	Rs.1,00,000/-
Bloming Khyrniam (cancelled)	5/M	Cardiology	PDA Device Closure	ACHD, PDA 4mm with L-R Shunt	RS.70,000/-
Cecilia Nongspung		CTVS	MVR+TV Angioplasty	Severe MR, Moderate PTH	Rs.1,00,000/-
Charity Lamin	20/F	Oncology	Chemotherapy	Soft tissue sarcoma	Rs.1,00,000/-
David Dasario Kharkongor (cancelled)	7/M	CTVS	Total Correction of TGA +VSD	TGA+VSD	Rs.1,00,000/-
Dlanstar Nongbet	36/M	ENT	Hemi-Mandibulectomy+ND+RT +CT	CA Alveolus	Rs.1,00,000/-
Drel War	76/M	Cardiology	PTCA+Stenting to LCX	CAD,NSTEMI	Rs.1,00,000/-
Ephriam Marwein (cancelled)	40/F	Radiodiagnosis & Imaging	Endovascular Coiling	ACA Aaneurysm L	Rs.1,00,000/-
Everwell Ryngksai		General Medicine	MHD	CKD	Rs. 1,00,000/-

Gobin Sharma	40/M	Orthopaedics	ORIFwith locking plate with bone grafting	Non union intertrochanteric fracture L hip	Rs,50,000/-
Jamal Uddin Choudhry	22/M	Neurology/ Radiology	Embolization	CT,DSA-Posterior fosa AVM fed by Right and covellation, with haemmrhage	Rs.1,00,000/-
Janara Begum	12/F	Neurosurgery	C3 Transoral body fixation with post occipito cervical fixation using occipital plate & fixation with lateral screws & rods	CV Junction anomaly with C3 hypoplasia & cord compression	Rs.1,00,000/-
Kabir Nongrum	33/M	Neurosurgery	R Ventricular Peritoneal Shunt	Communicating Hydrocephalus	Rs.34,000/-
Karnika Das	14/F	Neurosurgery	Embolization	CT+DSA shows,ultra ventricular bleed with chordal AVM	Rs. 1,00,000/-
Keros Khongai	65/M	Cardiology	PCI with Stenting	CAG-TVD	Rs.1,00,000/-
Kledis Kharkongor	56/F	ENT	Surgery screws & Rods fixation	CA Alveolus	RS.7,287/-
Leit Tariang	28/F	Neurosurgery	VP Shunt	Hydrocephalus with VP Shunt in Situ	Rs.1,00,000/-
Lila Dekhial	52/M	Neurology	Embolization	Spinal DSA	Rs.1,00,000/-
Lusia Pohshwet	45/F	ENT	Surgery followed by CT+RT	CA Alveolus	RS.50,000/-
Mainul Haque	25/M	CTVS	Aortic Root Dilation	Aortic Valve Replacement	Rs.1,00,000/-
Manjula Narzary	26/F	CTVS	ASD Closure	ASD	Rs. 60,000/-
Mary Rose Rabon		Oncology	Chemotherapy	CA Cervix	Rs. 1,00,000/-
Matilda Wanniang	46/F	ENT	Segmental mandibulectomy with biconstruction	Amel Blastoma Mandible	RS.12,500/-
Matlab Ali	74/M	Cardiology	PPI	SSS,Sick Sinus Syndrome PPI	Rs.1,00,000/-

Mebalari Dhar	9/F	CTVS	Total Correction of TOF	Post BT Shunt for letratogy of fallot	RS.65,000/-
Mewaiki Suiam (CANCELLED)	4/M	CTVS	VSD Closure	Perimentamous ventricular septal defect	RS.53,500/-
Ngule Khing	34/F	Neurosurgery	VP Shunt	Neorofilsromatosis, Typ-1 with corpus callosum glioma with hydrocephalus	RS.40,000/-
Nipul Dutta	28/M	CTVS	Mitral Valve Replacement	RHD with Severe MS	RS.93,100/-
Nisha Kharkongor	39/F	Neurosurgery	L Retromastoid suboseptical craneotomy with epidermoid excistor	L sided cerebellopontine angle epidermoid with L VICN palsy	Rs.25,000/-
Noren Warbah (Cancelled)		Oncology	Chemotherapy	K/C/O mets adenocarcoma of ascending colon	Rs. 1,00,000/-
Orald. T. Synnah (CANCELLED)	57/M	CTVS	MVR	P/APCD/Severe MR	Rs.1,00,000/-
Philbon Nongrum	20/M	Oncology	Chemotherapy	Cancer	Rs.1,00,000/-
Ramon Teron	17/M	Oncology	Embolization of AVM	Left paveto occifocal AVM with ICH with SDH	Rs.1,00,000/-
Ribait Papang (CANCELLED)	20/M	CTVS	Total Correction of TOF	Attacked(hay VSD+RVH+PG:80mitry small MPA-LPA-RPA)	RS.80,000/-
Rishatlang Jyrwa	4yrs/M	Paediatric	Balloon inlatation of LOA	Takayasu arteritis with aortic LOA	Rs,50,000/-
Salim Warjri	30/M	Orthopaedics	DMS	Interchochentric fracture Right hip	Rs.20,000/-
Selestina Lyngdoh		Oncology	Chemotherapy	Ca Stomach Post Op	Rs.1,00,000/-
Selestine Nongkseh	24/F	Radiodiagnosis & Imaging	Covered Stent Graft treatment	CT Angiography mycotic psedo Aneurysm of Aorta	Rs.1,00,000/-
Shimtilang Khardewsaw	22/F	CTVS	Double Valve Replacement surgery	RHD with Severe AR with Severe MR	Rs.1,00,000/-

Shiningstone Shabong	20/M	Oncology	Chemotherapy	Rec Soft Tissue sarcoma of left arm with 2degree lung	Rs.1,00,000/-
Simanta Roy	30/M	General Surgery	Embolization/Coiling	Splenic artery Pseudoaneurysm	Rs.1,00,000/-
Skhembor Nongsiej	3/M	Oncology	Chemotherapy	K/C/O Left eye Neuroblastoma	Rs.1,00,000/-
Skhemborlang Marwein	26/M	Oncology	Chemotherapy	Diffuse B-Large Cell Lymphoma	Rs.1,00,000/-
Stipdar Nonglong	57/M	Oncology	Chemotherapy	CA oesophagus	Rs.1,00,000/-
Teibun Nongrum	28/M	Orthopaedics	Negative Pressure wound therapy vacuum assisted	Compression fracture L1 with paraplegia with bedsores	Rs.60,000/-
Tiskola Kharryngi	16/F	Paediatric	Immuno Suppressive Drugs	Focal Segmental Glomeculosclerosis	Rs.1,00,000/-
Wallambok Kurbah	9/M	Paediatric	Chemotherapy	Hemophagolymphocystics	Rs. 50,000/-
Watar Myrboh	45/M	Oncology	Chemotherapy	CA oesophagus	Rs.1,00,000/-
Welning Swett	52/M	Neurosurgery	C3/4 disectomy & CAGE Implant	C3/4 disc protrusion with spinal canal stenosis	RS.50,000/-
Yaraplang Rymbai	27/M	Orthopaedics	Fixation of Left leg fracture	Bullet injury with #femur L	Rs.30,000/-

JANANI SURAKSHA YOJANA (JSY) : 179

BPL / POOR PATIENTS Assisted / Exempted for Free Investigations / ICU

Treatment

NO. OF PATIENTS EXEMPTED	NO. OF INVESTIGATIONS EXEMPTED	TOTAL
564	743	1307

MORTUARY

The mortuary is situated in the -1 level of the hospital floor. The mortuary is equipped with 4 (four) mortuary cooler four chamber used for storing the dead bodies.

All dead bodies are walked through the mortuary with the submission of the lower part detachment slip of the Medical Certificate Cause of Death from the ward concerned. Dead bodies being delayed for claiming are stored in the cooler. If a dead body exceeds 72 hrs of being unclaimed, then such case is informed to the Mawdiangdiang, Police Outpost for necessary action.

Dead bodies registered under Medico-Legal Case requiring Post Mortem are sent to Civil Hospital, Shillong.

All records of dead bodies – MLC or Non-MLC are separately maintained.

Staff Positions:-

4 (four) Outsource staffs working on shift basis.

Statistical Presentation					
Non – MLC	Still Birth	Foetus Received	MLC-Non-Post Mortem	MLC – Post Mortem	Total Dead Bodies
875	57	16	95	24	1067

Sanitation

Staff Position:

- Functions 24 hours 365 days under the Guidance of the Medical Superintendent, NEIGRIHMS.
- Headed by Shri Debal Kumar Das, Sanitation Officer.
- Assisted by four Permanent Supervisors (MTS) Smt Shellgina Mawthoh, Smt Twentinyne Rympie, Shri Parmeshwar Rai and Smt Kuldeep Kaur.
- And the planned works are being executed on the field by Shri Michael Wahlang and his team from the Outsource Organization, Rangers Securities and Services Organization (RSSO).

- All the data and record maintained by our only outsourced Clerk cum Store Keeper, Smt Erimai Khongwir.

Area Covered:

Among the 306 acres of pine filled hilly land, approximately half of the area remains free from construction and are being maintained by The Department of Sanitation.

Sanitation services are provided to more than 90,000 square meter of floor areas 24x7, where more than 500 Indoor beds, huge OPD building, more than 300 washrooms, few Laboratories, blood bank, 4/5 Operation Theatres, Casualty block and obviously Administrative block are functioning.

In NEIGRIHMS “Cleaning” is being carried out in a standardized manner by automated means that guarantees an adequate level of cleanliness. Presently, there are six (06) nos Automatic Floor Scrubber Driers, Two (02) nos heavy duty Vacuum Cleaners, One (01) no backpack Vacuum cleaner and one (01) no Jet cleaner.

Procurement, Installation and commissioning of **Microwave Equipment for disinfection** and **Electric Medical Waste Shredder** for shredding of **Bio-Medical Waste** have been done.

- Department of Sanitation ensured clean atmosphere and environment during the visit of various dignitaries and VVIPs in NEIGRIHMS.
- Assisted to organize successfully NEIGRIHMS’ “**ANNUAL DAY**” celebration on 5th March, 2015.
- Also assisted to organize various Exams, various Inspections, CME’s, Seminars, Workshops, Nursing & MBBS student’s fresher’s meet, week and Functions etc.
- Department of Sanitation also provided all necessary assistance to other departments to set up, commission, alter and shift their respective Departments & to organize any program.
- For quality monitoring, assisted Engineering section in testing drinking water, cleaning water tanks and also roof tops, wall pipes etc, maintaining of proper drainage flow, clearing of Sewage lines etc.
- Imparted necessary training to the Staffs regarding safe management & handling of Bio-Medical waste.
- To liaise with Central & State Pollution Control Boards, Shillong Municipal Board and various other Hospitals as and when required.
- Giving projection of requirement of sanitary items, placing indents, receiving, issuing and maintaining stock registers of all sanitary items.
- Taking care of Indoor plants, clearing of bushes.

- Through tender process started selling disinfected and shredded plastic waste for recycling purposes.
- Considering the risk of working as Bio-Medical Waste Collectors, the Department arranged for Hepatitis B vaccination for all the Outsourced BMW handlers & collectors.
- Making arrangements for cleaning of Faculty Quarters whenever joined, shifted.

Committees Represented:

Sanitation Officer Shri D.K.Das is serving NEIGRIHMS' Bio-Medical Waste Management Committee as Secretary and also representing various other committees as a member like Hospital Infection Control Committee, Hospital Council, Technical evaluation Committee for tendered Infection Control Chemicals, Sanitation Items, Stationary Items, Laundry Chemicals, NEIGRIHMS' Sports Committee etc. formed by the Director of NEIGRIHMS.

Academic participation:

- Shri D.K.Das, Sanitation Officer participated as a “speaker” in the **Orientation Program for 1st Year Post Graduate & post Doctor (MD/MS/DM) Students on 23rd July, 2014.**
- Shri D.K.Das, Sanitation Officer prepared and submitted **Bio-Medical Waste (M & H) Annual report** to MSPCB in respect of NEIGRIHMS, as prescribed under the BMW (M & H) Rules, 1998.
- Presentations were made by Shri D.K.Das, in the **Orientation/sensitization programs** of MBBS students, Sister-In-Charges, Resident Doctors, Attendants etc. regarding “Safe Management of Bio-Medical Waste”
- Shri D. K. Das, Sanitation Officer assisted Smt. Rashmina Ahmed & Smt Lanosha Kharmawlong, Student of IIM, Shillong to pursue a project on Management and Handling of Bio-Medical Waste during the month of February, 2015.

Central Sterile Supply Department (CSSD)

1. Introduction:-

The CSSD department has been providing regular sterilized material to the hospital. CSSD is giving service to more than 500 patients daily. Preparation and sterilization of linen packs, dressing material, instrument packs and used investigation vials are reprocessed under the supervision of technical staff.

2. CSSD Staff Position:-

- | | |
|-------------------------|---|
| A. CSSD Officer I/C | : Dr. Bhaskar Borgohain
Deputy M.S. & Acting In charge CSSD. |
| B. CSSD Assistant | : Mr. Tapan Chandra Deka
Mr. Hemanta Kumar Bora |
| C. CSSD Assistant Gr-II | : Mr. Laishram Kennedy Singh |

D. MTS Staff : Mr. Orally Rangslang
E. Out Source Staff : 9 in numbers

3. CSSD Work load:

Work load has increased significantly as compared to last year.

A. Total No. of sterile load	-	2072 Load
B. Total No. of instrument Trays packing (wards, OPDs, etc)	-	38174 Nos.
C. Total No. of Dressing Material Drum Preparation (wards, OPDs, etc)	-	12738 Nos.
D. Total No. of Items Sterilized for Labor Room	-	2069 Nos.
E. Total No. of Items Sterilized for Cath. Lab	-	5580 Nos.
F. Total No. of Items Sterilized for O.T.	-	17286 Nos.
G. Total No. of Items Sterilized for Post ICU.PP	-	2630 Nos.
H. Total No. of Plasma Items Sterilized	-	5727Nos.

4. CSSD Equipment status at present:-

1. Plasma sterilizer - 1 Nos.
2. Vertical Steam Autoclave - 1No.
3. High pressure high vacuum Steam sterilizer- 6 Nos.
(2No. not functioning, Due to non availability
Of Steam line)
4. Ultra sonic cleaner -2 Nos.
5. Drying/ Heating Cabinet - 2Nos.
6. Incubator - 1No.
7. Glove Examiner with 4 Mandrill Size - 1No.
8. Trolley for Steam sterilizer- 9Nos.
9. Trolley for Steam sterilizer- 9Nos.
10. Glove Sort Bin - 2Nos.
11. Bed Pan Washer - 2Nos.
12. Gauge Cutting Machine - 2Nos.
13. Work Table with Double Sink - 2Nos.
14. Work Table with single sink - 2Nos.
15. Transfer Trolley with under Shelves - 8Nos.
16. Basket Transfer Trolley - 8Nos.
17. Half size sterilizing basket - 40 Nos.
18. Full size sterilizing basket - 50 Nos.
19. Free standing double side basket rack - 12 Nos.
20. Free standing single side basket rack - 12 Nos.
21. Free standing U. V. storage cabinet - 10 Nos.
22. E. T. O. Sterilizer -1 Nos.
23. Electric control panel -2 Nos.

- 24. Washer disinfectant -2 Nos.
- 25. Air Blower -1 Nos.
- 26. Air Washer -1 Nos.
- 27. Air Compressor -2 Nos.

5. Other Activities: Teaching providing practical demonstration of equipment, work flow and sterilization to the 1st Year MBBS & 1st year B.Sc. Nursing students

ANIMAL HOUSE

Introduction:

The Animal Facility, NEIGRIHMS has been registered with CPCSEA, Ministry of Environment, Forest & Climate Change, Govt. of India for the purpose of Education, Research & Breeding vide **Registration No: 1565/GO/ERBi/S/01/CPCSEA.**

Infrastructure:

The Animal House, NEIGRIHMS consist of 17 rooms out of which 4 are animal rooms. The Animal House is equipped with central air condition facility. Presently, 35 nos. of mice cages, 35 nos. of rat cages, 14 nos. of rabbit cages, one autoclave, two operation tables, 2 nos. of animal weighing balance, 5 nos. of mice holder, 5 nos. of rat holder, 9 nos. racks, 2 nos. of trolleys, 6 nos. of anaesthesia induction chamber are available in the Animal House, NEIGRIHMS.

Presently, Swiss Albino Mice, Newzeland-white Rabbit, Laboratory Guinea pig & Sheep are available in the Animal House, NEIGRIHMS.

Present Regular Staff:

Designation	Number of Sanctioned Post	In Position	Name
Veterinary Officer	1	1	Dr. Pranjali Pratim Saikia
Animal Supervisor	1	---	-----

Animal Keeper - 2

Out-sourced staff:

1. Animal attendant- 02
2. Cleaner – 01

Institutional Animal Ethics Committee (IAEC) is functioning since 2014:

Activities of Animal House, NEIGRIHMS during the period of 01.04.2014 to 31.03.2015:

1. The 5th Meeting of IAEC, NEIGRIHMS was held on 11th April 2014 under the Chairmanship of Prof. A. Santa Singh, Principal, Medical College, NEIGRIHMS. A synopsis entitled- “Teratological Effects of Levitiracetam on Pregnant Albino Mice: A Histomorphometric Study” was submitted by Dr. Nilesh Jaybhaye, Post Graduate Scholar, Department of Anatomy, NEIGRIHMS, which was considered by the committee with some modifications.
2. A spot inspection of the Animal House, NEIGRIHMS was done by Dr. (Mrs.) M. Lahkar, CPCSEA Nominee on 12th April 2014 as per the direction of Under Secretary (CPCSEA), Ministry of Environment, Forest & Climate Change, Govt. of India. The report of the inspection was submitted to the concern authority by the CPCSEA, Nominee.
3. The renewal of existing registration of Animal House, NEIGRIHMS was done vide CPCSEA Letter No. 25/389/2011-AWD, Date; 07.01.2015. The new registration no is **1565/GO/ERBi/S/01/CPCSEA**. The existing registration is being amended from Education to **Education, Research & Breeding** for in-house purpose of small animals.
4. Proposal for reconstitution of existing Institutional Animal Ethics Committee (IAEC) was sent to the office of the CPCSEA, Animal Welfare Division, Ministry of Environment, Forest & Climate Change, in Feb. 2015. The proposal is under process.
5. **6th meeting of IAEC**, NEIGRIHMS was held on 16th feb 2015, under the chairmanship of Prof. A. C. Phukan. The committee approved following research proposals with some modifications.
 - (i) “A comparative study on the short-term effect of Zoledronate and Pamidronate on the histomorphometry of the metaphysis of tibia in young albino rats’ submitted by by Dr. S. Ralte, Assistant Professor, Department of Anatomy, NEIGRIHMS, which was originally submitted to the Committee in 2012.
 - (ii) “In vitro & in vivo effects of albumin & dopamine coating on hydroxyapatite/ collagen composites: Focus on osteoinduction & bacterial adhesion” by Dr. Bhaskar Borguhain, Associate Professor, Dept. of Orthopaedics, NEIGRIHMS.
 - (iii) “Effect of methanolic extract of roots of *Aristolochia Tagalacham* on systolic blood pressure and heart rate in experimental rates” submitted by Dr. D. K. Brahma, Associate Professor, Dept. of Pharmacology, NEIGRIHMS.

The committee also recommended to rare three sheep initially in the existing Animal House for collection of Sheep blood. The Committee recommended that, maximum 10% of Circulatory Blood Volume (CBV) may be taken with the interval of two weeks between two collections.

6. A spot inspection of the Animal House, NEIGRIHMS was done by Dr. (Mrs.) M. Lahkar, CPCSEA Nominee on 16th Feb 2015 as per the guidelines of CPCSEA, Ministry of

Environment, Forest & Climate Change, Govt. of India. The report of the inspection was submitted to the concern authority by the CPCSEA, Nominee.

7. One sheep unit was constructed by the concerned department in the existing Animal House, NEIGRIHMS. Three male sheep was purchased by the local purchase committee in March 2015. Regular rotational blood collection from sheep (for microbiological work) was started in April 2015 to support the patient care activities.
8. Veterinary related services have also been provided by the Animal House, NEIGRIHMS to the various departments in regular basis.

Ongoing Collaborative Thesis /Research Project:

- (i) “Teratological Effect of Levitiracetam on Pregnant Albino Mice: A Histomorphometric Study”.
- (ii) “A comparative study on the short-term effect of Zoledronate and Pamidronate on the histomorphometry of the metaphysis of tibia in young albino rats’.
- (iii) “In vitro & in vivo effects of albumin & dopamine coating on hydroxyapatite/ collagen composites: Focus on osteoinduction & bacterial adhesion”.
- (iv) “Effect of methanolic extract of roots of *Aristolochia Tagalacham* on systolic blood pressure and heart rate in experimental rates”.

Conference/ Seminar attended:

The Veterinary Officer, Animal House has attended the following conference/ seminar during the year 2014- 2015.

1. National Conference on “ *Alternative to Animal Use in Experimentation*” (20th - 21st Nov. 2014), organised by Committee for the Purpose of Control & Supervision of Experiments on Animals (CPCSEA), Ministry of Environment, Forest & Climate Change, New Delhi.
2. CME on Pharmacovigilance under the aegis of Indian Pharmacopoeia Commission, organized by Department Of Pharmacology. NEIGRIHMS. Date: 28th June 2014.

Section – C - Administration

Governing Council of NEIGRIHMS, Shillong

Sl.No.	Name & Address	
A	Ex-Official members	
1	Hon'ble Union Minister of Health and Family Welfare, Nirman Bhawan, New Delhi	President
2	Hon'ble Minister Health & Family Welfare, Government of Arunachal Pradesh, Itanagar	Member
3	Hon'ble Minister Health & Family Welfare, Government of Assam, Guwahati, Dispur	Member
4	Hon'ble Minister Health & Family Welfare, Government of Tripura, Agartala	Member
5	Hon'ble Minister Health & Family Welfare, Government of Mizoram, Aizawl	Member
6	Secretary Health, Ministry of Health & Family Welfare, Nirman Bhawan, New Delhi	Member
7	Addl. Secretary and Financial Advisor, Ministry of Health and Family Welfare, Nirman Bhawan, New Delhi	Member
8	Secretary Education, Ministry of Human Resource Development, Shashtri Bhawan, New Delhi	Member
9	Secretary, Niti Ayog Yojna Bhawan, Parliament Street, New Delhi	Member
10	Director General of Health Services, Government of India, Nirman Bhawan, New Delhi-110011	Member
11	Secretary, North Eastern Council,	Member

	Nongrim Hills, Shillong	
12	Vice-Chancellor, North Eastern Hill University (NEHU), Shillong	Member
13	Secretary Health, Govt. of Nagaland, Kohima	Member
14	Secretary Health, Govt. of Meghalaya, Shillong	Member
15	Secretary Health, Govt. of Manipur	Member
16	Secretary Health, Govt. of Sikkim	Member
17	Director, AIIMS, Ansari Nagar, New Delhi-110029	Member
18	Director, PGIMER, Chandigarh-1601012	Member
19	President, Medical Council Of India, Sector-8, Pocket-14, Dwarka, New Delhi-110 077	Member
20	Director General, Indian Council of Medical Research, Ansari Nagar, New Delhi-110029	Member
21	Joint Secretary, Department of Development of North Eastern Region, Vigyan Bhawan Annexe, Maulana Azad Road, New Delhi-110011	Member

B.	Nominated/Elected Members	
22	Shri P.A.Sangma, Hon'ble MP (Lok Sabha)	Member
23	Shri. L. Rynjah, IAS (Retd) 144, Vasant Enclave, Outer Ring Road, New Delhi	Member
24	Dr. T.M. Mohapatra, Ex.Director, Institute of Medical Sciences, BHU, Varanasi	Member
25	Shri HWT Syiem, IAS (Retd) Former Secretary NEC, Elysium, Upper Motinagar Shillong	Member
26	Dr. C. Silvera Ex-Union State Minister of Health, MOH&FW T/28, Tuikhuatlang Aizawl, Mizoram	Member
27	Smt.Wansuk Syiem Hon'ble Member of Rajya Sabha	Member
28	Director, NEIGRIHMS	Member Secretary

Executive Committee, NEIGRIHMS, Shillong

Sl.No.	Name & Address	
1	Secretary (Health & Family Welfare) Government of India Ministry of Health & Family Welfare Nirman Bhavan, New Delhi	Chairman
2	Director General of Health Services Government of India Nirman Bhavan, New Delhi	Member
3	Additional Secretary & Financial Advisor Government of India Ministry of Health & Family Welfare Nirman Bhavan, New Delhi	Member
4	Joint Secretary (NE) Ministry of Health & Family Welfare Nirman Bhavan, New Delhi	Member
5	Secretary Health Government of Meghalaya, Shillong	Member
6	Director All India Institute of Medical Sciences,	Member

	New Delhi	
7	Secretary Health Government of Assam, Guwahati	Member
8	Secretary Health Government of Arunachal Pradesh Itanagar	Member
9	Shri Mukut Mithi Member of Rajya Sabha AB-8, Pandara Road, New Delhi	Member
10	Director NEIGRIHMS, Shillong	Member Secretary

Academic Committee, NEIGRIHMS, Shillong

Sl.No.	Name & Address	
1	Director General of Health Services Ministry of Health & Family Welfare Nirman Bhavan, New Delhi – 110 011	Chairman
2	Director PGIMER, Chandigarh	Member
3	Director General ICMR, New Delhi	Member
4	Vice Chancellor North Eastern Hill University, Shillong	Member
5	Director AIIMS, New Delhi.	Member
6	Secretary Planning Commission, New Delhi	Member
7	Dr.T.M.Mohapatra, Ex-Director, IMS, BHU	Member
8	Senior Faculty Member	Member

	NEIGRIHMS, Shillong	
9	Director NEIGRIHMS, Shillong	Member Secretary

Standing Finance Committee, NEIGRIHMS, Shillong

Sl.No.	Name & Address	
1	Secretary (Health & Family Welfare) Government of India Ministry of Health & Family Welfare Nirman Bhavan, New Delhi – 110 011	Chairman
2	Director General of Health Services Government of India Nirman Bhavan, New Delhi – 110 011	Member
3	Additional Secretary & Financial Advisor Government of India Ministry of Health & Family Welfare Nirman Bhavan, New Delhi – 110 011	Member
4	Director All India Institute of Medical Sciences New Delhi – 110 029	Member

5	Director General Indian Council of Medical Research Ansari Nagar, New Delhi – 110 029	Member
6	Additional Secretary & Project Director(NRHM) Ministry of Health & Family Welfare Nirman Bhavan, New Delhi – 110 011	Member
7	Secretary North Eastern Council, Shillong	Member
8	Commissioner Health Government of Meghalaya, Shillong	Member
9	Vacant	
10	Joint Secretary (NE) Ministry of Health & Family Welfare Nirman Bhavan, New Delhi – 110 011	Member
11	Director NEIGRIHMS, Shillong	Member Secretary

**Standing Selection Committee for Group 'A' posts,
NEIGRIHMS, Shillong**

SI.No.	Name & Address	
1	<p>Director General</p> <p>Indian Council of Medical Research</p> <p>Ansari Nagar, New Delhi – 110 029</p>	Chairman
2	<p>Nominee of Secretary (Health & Family Welfare)</p> <p>Government of India</p> <p>(not below the rank of Joint Secretary)</p>	Member
3	<p>DGHS or his nominee</p> <p>(not below the rank of Additional DGHS)</p> <p>Government of India</p>	Member
4	<p>Director or his nominee</p> <p>(not below the rank of Professor)</p> <p>All India Institute of Medical Sciences</p> <p>Ansari Nagar, New Delhi – 110 011</p>	Member
5	<p>Director or his nominee</p> <p>(not below the rank of Professor)</p> <p>Post Graduate Institute of Medical Education & Research</p> <p>Chandigarh</p>	Member

6	Shri L.Rynjah Member, Governing Council, NEIGRIHMS, Shillong	Member
7	Dr.T.M.Mohapatra Member, Governing Council, NEIGRIHMS, Shillong	Member
8	2 (two) External Experts in the field of speciality/super speciality	To be co-opted
9	One representative of SC/ST an appropriate status working in NEIGRIHMS or some other organization.	Member
10	On representative of Minorities an appropriate status working in NEIGRIHMS or some other organization.	Member
11	Director NEIGRIHMS, Shillong	Member Secretary

Purchase Committee, NEIGRIHMS, Shillong

Sl.No.	Name & Address	
1	Director NEIGRIHMS, Shillong	Chairman

2	Director/Deputy Secretary (IFD) Government of India Ministry of Health & Family Welfare Nirman Bhavan, New Delhi – 110 011	Member
3	Director (Procurement) Government of India Directorate General of Health Services Nirman Bhavan, New Delhi – 110 011	Member
4	Financial Advisor All India Institute of Medical Sciences, New Delhi-110 029	Member
5	Shri L.Rynjah Member, Governing Council NEIGRIHMS, Shillong	Member
6	Dr.T.M.Mohapatra Member, Governing Council NEIGRIHMS, Shillong	Member

Internal Purchase Committee, NEIGRIHMS, Shillong

Sl.No.	Name & Address	
1	Director NEIGRIHMS, Shillong	Chairman
2	Dean NEIGRIHMS, Shillong	Member
3	Financial Advisor NEIGRIHMS, Shillong	Member
4	Medical Superintendent NEIGRIHMS, Shillong	Member
5	Principal College of Nursing NEIGRIHMS, Shillong	Member
6	Store & Procurement Officer NEIGRIHMS, Shillong	Member
7	Nursing Superintendent NEIGRIHMS, Shillong	Member
8	Senior Account Officer/Accounts Officer	Member

	NEIGRIHMS, Shillong	
9	Deputy Director (Admn) NEIGRIHMS, Shillong	Member Secretary

Selection Committee for Group B posts, NEIGRIHMS, Shillong

Sl.No.	Name & Address	
1	Director NEIGRIHMS, Shillong	Chairman
2	Representative of NEC, Shillong (not below the rank of Deputy Secretary)	Member
3	Secretary Health & Family Welfare Government of Meghalaya, Shillong (not below the rank of Deputy Secretary)	Member
4	Representative of Assam Administrative Staff College, Guwahati (not below the rank of Deputy Secretary)	Member
5	Representative of NEHU, Shillong (not below the rank of Deputy Registrar)	Member
6	Expert Speciality	
7	Deputy Director (Admn) NEIGRIHMS, Shillong	Member Secretary

Selection Committee for Group C & D posts, NEIGRIHMS, Shillong

Sl.No.	Name & Address	
1	Deputy Director (Admn) NEIGRIHMS, Shillong	Chairman
2	Secretary to the Government of Meghalaya, Health & Family Welfare Department or his representative not below the rank of Deputy Secretary	Member
3	Regional Director Regional Officer for Health & Family Welfare Directorate General of Health Services Guwahati	Member
4	Representative of Personnel Department North Eastern Council, Shillong Not below the rank of Deputy Secretary	Member
5	A co-opted expert	

Ethics Committee, NEIGRIHMS, Shillong

Sl.No.	Name & Address	
1	Dr.F.U.Ahmed Director, Integral Institute of Medical Science & Research, Lucknow – 220026	Chairman
2	Dr.V.Raphael Dean, NEIGRIHMS, Shillong	Internal Member
3	Dr.Md.Yunus	Internal Member
4	Dr.M.K.Saikia	Internal Member
5	Dr.A.D.Ropmay	Internal Member
6	Dr.A.Dkhar DHS (MI), Government of Meghalaya	External Member
7	Prof.A.K.Nongkynrih Prof. of Sociology, NEHU, Shillong	External Member
8	Shri Emerald Warjri Retd. Judge, Umiam, Shillong	External Member
9	Dr.A.Santa Singh Prinicpal, NEIGRIHMS, Shillong	Member Secretary

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Incharge of different Units/Section

SI.No.	Units/Section	Name
1	Medical Superintendent	Prof.A.C.Phukan
2	Hospital Infection Control Committee	Prof.Noor Topno
3	Faculty Incharge ICU	Prof.P.Bhattacharyya
4	Faculty Incharge & Superintendent Resident Medical Officers Hostel	Dr. Ranendra Hajong Dr.Manish Kapoor
5	Deputy Incharge Examination	Dr.D.K.Brahma
6	Faculty Incharge (Official Language)	Prof.Noor Topno
7	Faculty In-charge Cell against Sexual Harrasment	Dr.Y.Khonglah

STATUS OF MANPOWER

The Government of India has sanctioned a total of 1524 posts consisting of 141 faculty posts and the remaining posts for paramedical and other supporting staff for Phase-I & Phase – II of this project. The process of recruitment to above stated posts are in progress. However, recruitment of technicians and other supporting staff of some of the departments were not prioritized due to non availability of faculty members in the concerned department. The technical and other supporting posts would be filled up based upon the availability of faculty in different departments of the Institute.

Faculty in position department wise as on 31.03.2015:

The Institute has 72 faculty members in the following departments:

Sl.No.	Department	Posts	No. of faculty
1.	Anaesthesiology	Professor & Head	1
		Additional Professor	1
		Associate Professor	1
		Assistant Professor	1
2.	Anatomy	Professor & Head	1
		Associate Professor	1
		Assistant Professor	1
3.	Biochemistry	Associate Professor	1
		Assistant Professor	2
4.	Cardiology	Professor & Head	1
		Associate Professor	1
		Assistant Professor	1
5.	Community Medicine	Professor	1
		Associate Professor	1
		Assistant Professor	1

6.	CTVS	Professor	1
		Assistant Professor	1
7.	Dentistry	Assistant Professor	1
8.	Dermatology & STD	Assistant Professor	2
9.	ENT	Associate Professor	1
		Assistant Professor	1
10.	Forensic Medicine	Associate Professor	1
		Assistant Professor	1
11.	General Medicine	Professor & Head	1
		Associate Professor	1
		Assistant Professor	2
12.	General Surgery	Professor & Head	1
		Associate Professor	2
		Assistant Professor	1
13.	Microbiology	Professor & Head	1
		Associate Professor	2
		Assistant Professor	1
14.	Neurosurgery	Assistant Professor	1
15.	Neurology	Associate Professor	1
		Assistant Professor	1
16.	Obstetrics & Gynaecology	Professor & Head	1
		Associate Professor	1
		Assistant Professor	3

17.	Ophthalmology	Professor	1
		Associate Professor	1
		Assistant Professor	2
18.	Orthopaedics & Trauma	Associate Professor	2
		Assistant Professor	1
19.	Paediatrics	Professor	1
		Associate Professor	1
		Assistant Professor	1
20.	Pathology	Professor & Head	1
		Associate Professor	2
21.	Pharmacology	Professor & Head	1
		Associate Professor	1
		Assistant Professor	1
22.	Physiology	Associate Professor	1
		Assistant Professor	1
23.	Psychiatry	Assistant Professor	1
24.	Radiodiagnosis	Professor & Head	1
		Associate Professor	2
		Assistant Professor	1
25.	Radiotherapy	Assistant Professor	2
26.	Urology	Associate Professor	1
		Assistant Professor	1
		Total	72

Staff in Position as on 31.03.2015

	Post Sanctioned	Regular	Cont/Ah-hoc/outsourced	Total
Faculty	141	69	3	72
Group A	63	37	4	41
Group B	608	503	9	512
Group C	352	195	7	202
Group C (MTS)	171	53	118	171
SRD	105	61	7	68
JRD	84	53	8	61
Total	1524	971	156	1127

Establishment Section-I

A) MANPOWER

- Administrative Officer - 01
- Assistant Administrative Officer - 01
- Office Superintendent - 01
- UDCs - 03
- Sr. Stenographer - 01
- LDCs - 03
- Outsourced persons - 02
- Dispatch Rider (Outsourced) - 01
- MTS - 05

B) FUNCTIONS

The Establishment Section-I has been assigned with the responsibilities related with Establishment, Personnel & Dak Receipt and Issue matters of the Institute.

Establishment:

Office management (leave, holidays)

Establishment (pay, increment, etc)

Personnel:

- (I) Service matters
 - (a) Seniority, Promotions, APS, Superannuation, Deputation, Probation/Confirmation, Service Books, Disciplinary cases, etc
- (II) Personal matter & Misc

- (a) ACR/APAR, MACP Scheme, Miscellaneous
- (b) Conference/Workshops/Fellowship/Training of faculty, Officers and staff
- (III) Personal Claims
 - (a) Allowances, LTC Rules, Medical Reimbursement

Dak Receipt and Issue:

C) **AREA OF ACTIVITY:**

1. The Officer/dealing Assistants are looking after the above activities under the supervision and instructions of the Administrative Officer.
2. Manpower development:
 - (i) *Promotion / Confirmation :*
 - 1(one) Security Officer was promoted to the post of Chief Security Officer
 - 2 (two) Assistant Administrative Officers have been promoted to the post of Assistant Registrars
 - 1(one) Assistant Administrative Officer was promoted to the post of Administrative Officer
 - 1(one) Dietician was promoted to the post of Dy. Chief Dietician
 - 3(three) Office Superintendents have been promoted to the posts of Assistant Administrative Officers
 - 19 (nineteen) Staff Nurses have been promoted to the posts of Nursing Sister/Ward Sister.
 - 11 (eleven) Officers/Staff of Group A & B have been confirmed in their respective grades/posts on completion of probation.

(ii) *Training / Courses /Conference/Workshop/Higher studies etc.:*

- 15 Faculty members have been deputed to attend the MCI Mandatory Basic Course in Medical Education Technologies at Regional Training Centre, King George's Medical University, Lucknow as per recommendation of the Medical Education Unit, NEIGRIHMS.
- 5(five) Faculty members and 5 (five) officer/staff of the Institute have been deputed to attend the 3rd NKN (National Knowledge Network) Annual Workshop organized by IIT, Guwahati jointly with NIC.
- 11 (eleven) Officers/staff have been deputed for training courses in ISTM and NIHFW, New Delhi
- 3 (three) Faculty members have been deputed for attending Symposium/Fellowship/Observership abroad.
- 2(two) Faculty members have been deputed for attending National Conferences at SAARC countries.
- Several Faculty members/Officers/staff have been deputed for attending National Conferences/Workshops/CMEs etc within India.
- 2(two) faculty members are currently undergoing part time PhD courses at IIT, Guwahati.
- 5 (five) members of the Nursing personnel are currently undergoing higher studies for MSc/Post Basic BSc Nursing.

ENGINEERING DIVISION

A. NAME OF OFFICERS AND STAFF

1. Elissa Joanna Bathew Wankhar - Executive Engineer (Civil)

Outsourced staff

	Designation	Existing Strength
1.	Plumbers	- 9
2.	Pump Operators	- 15
3.	Sewer men	- 8
4.	Lift operators	- 17
5.	Carpenters	- 3
6.	Attendant	- 3
7.	STP operator	- 2.
8.	AC Operator	- 1
9.	Office Assistant	- 1

Contract staff

	Designation	Existing Strength
1.	Assistant Engineer (Civil)	- 1
2.	Assistant Architect	- 1
3.	Junior Engineer (Civil)	- 2
4.	HVAC Engineer	- 1

Supporting staff:

1. Plumber - 1
2. Carpenter - 1

3.	EPABX Operator	-	4
4.	Wireman	-	1
5.	UDC	-	1
6.	LDC	-	1
7.	A.C. Mechanic	-	1
8.	Pump Mechanic	-	1

The Engineering section is entrusted with the work of maintenance and up keep of the entire complex comprising of the following buildings/ services

1. 500 bedded hospital
2. Administrative Block
3. Faculty Block
4. Auditorium
5. Indoor Stadium
6. Basic Science Block and Teaching Block
7. RMO Hostel
8. Boys and Girls Hostel
9. Public Utility Block
10. A Type Quarters - 25 units
11. B Type Quarters - 60 units
12. C Type Quarters - 72 units
13. D Type Quarters - 96 units
14. Sub –stations
15. Sewerage Treatment plant
16. HVAC/Ventilation System
17. EPABX

18. Water distribution
19. FDA System
20. Lifts
21. Guest House
22. Director's Bungalow

In addition, the Engineering Department is also engaged with the micro planning of the different departments in the Hospital depending on the requirements and designing and execution of the same. The Department is also carrying out various minor original construction activities from time to time as per the requirement and needs of the Institute/MCI.

The Engineering Department is also involved in the examination/ vetting of estimates submitted by HSCC, overseeing their ongoing construction works at site and submission of reports thereof. The EFCs submitted by HSCC for the MBBS College and Hostel, expansion of the Nursing College and Regional Cancer Centre, duly vetted and scrutinized by this department has been submitted to the Ministry for approval.

C. CONSTRUCTION ACTIVITIES OF THE ENGINEERING SECTION

The various construction activities taken up are as follows:

1. Providing laboratory working table with steel frame and granite top/ sinks etc.
2. Supplying, fitting, fixing, testing and commissioning of iron filter, pressure pump etc.
3. Annual rate contract for miscellaneous civil works at NEIGRIHMS
4. Providing and laying of 11 KV underground H.T Cable (XLPE for Nursing college and sub station No. V at NEIGRIHMS)
5. Construction of 3 (three) nos of Sentry box at A & B type quarter and solar panel site.
6. Supply, fitting and fixing of doors and windows curtains and vertical blind.
7. Supply of steel sign board at NEIGRIHMS.
8. Supply, fitting and fixing of flag.
9. Painting and repairing of guard wall from parking yard upto the approach of Director's Bungalow.
10. Supply of submersible pump for Bore well.
11. Improvement work and provision of reception and office in Guest house at NEIGRIHMS.
12. Fencing on the eastern side of Guest House.
13. Providing CC footpath near Public Utility Block.
14. Re-sectioning of C C drain on the eastern side of Guest House.

15. Painting internal rooms of Qtr no. A-15 and A -17.
16. Construction of modular counter extension in the department of Forensic medicine.
17. Providing a toilet at Superintendent Engineer's room at NEIGRIHMS.
18. Painting and distemping corridor passage of Lecture theatre and other miscellaneous works.
19. Supply of name plates and incumbency board.
20. Civil works in the MBBS Boy's hostel and ancillary store at NEIGRIHMS.
21. Construction of water Reservoir for rain water harvesting pump house along with inlet pipes etc.
22. Additional civil works in D type quarter.
23. Additional civil works in C type quarter.
24. Construction of an intake point at water source from forest land etc.
25. Supply, fitting and fixing of de-chlorination tank and construction of platform etc.
26. Providing road signal and sign board.
27. Additional civil works for the proposed pharmacy at OPD block.
28. Miscellaneous works in Private ward (41.00 lvl and 48.50 lvl) and laying of cable in specified cable trench, NEIGRIHMS.
29. Construction of aluminium cubicle at Private ward, Nursing station including providing ornamental grill in the well from ground floor to (-3) lvl.
30. Painting and repairing of guard wall at different locations of NEIGRIHMS.
31. Supplying of items for borewells and pumps etc.
32. Supplying, fitting and fixing of soft board for the Nursing college.
33. Modification of genetic laboratory at -1 lvl and miscellaneous works.
34. Site preparation and levelling of pro football ground at NEIGRIHMS.
35. Construction of sheep unit in Animal house at NEIGRIHMS.
36. Supplying and laying of vinyl flooring in the room of the principal of MBBS college.
37. Providing aluminium cubicle to accommodate Deputy Nursing Superintendents.
38. Painting of 3 (three) Security guard rooms and boundary wall including repairing of guard wall.
39. Providing RCC slab cover over the drain near quarter no. B5 & B7 opposite to garage.
40. Re-construction of damaged wall in front of Director's Bungalow.
41. Supplying and fitting of LED Board at Casualty/ Emergency.
42. Constructions of CC drain near A type quarter no. 28 upto the culvert.
43. Annual rate contract for miscellaneous civil works and painting works in quarter no. A-6.
44. Construction of a parking yard opposite to the public utility block near the extending hospital parking yard.
45. External painting of circular ward at NEIGRIHMS.
46. Civil works in paediatric ICU, PICU painting, repairing of mineral board, ceiling etc.
47. Construction of waste sharp pit for disposal of sharp waste at STP area.
48. Construction of rooms at terrace with brick walls, tabular truss dyna roof, aluminium windows, ventilators and flushed door etc.
49. Construction of brick walls opposite to the 'B' type quarter.
50. Improvement of sight distance at the newly improved road geometric near Public Utility Building.
51. Annual maintenance of Emergency OT at 56.00 lvl and other miscellaneous works.
52. Annual maintenance of Semi modular OT at 67.00 lvl and 63.00 lvl .

53. Extension in sub station II.
54. Providing aluminium at EPABX exchange room and engineering section.
55. Miscellaneous works in ward at 44.75 lvl at private ward.
56. External painting and repairs to the electrical sub station no. I at NEIGRIHMS.
57. Construction of ATM room at Public Utility Block at NEIGRIHMS.
58. Civil works in the Dietary department and miscellaneous works at NEIGRIHMS.
59. Miscellaneous civil works (Repair, renovation works at different buildings and Hospital, OPD Anaesthesiology)
60. External painting and repair to the AC plant building.
61. Roof leakage of NICU Labour room including Director's Block and other miscellaneous works.
62. Supply, fitting and fixing of Syntex tank of 3000 litres capacity.
63. Laying of GI pipe in STP.
64. Providing false ceiling board at different locations of hospital.
65. Reconstruction of boundary wall with stone masonry, angle iron post and chain link fencing in the damaged portion in front of B-5 quarter.
66. Construction of open shed cover for diesel pump in Sub station I and Sub station II and miscellaneous works in control room, auditorium.
67. Proposed approach road Incinerator.
68. Repairing of pot holes depression and damaged edges etc in front of A type quarter.
69. Providing dyna roof ridging at Indoor stadium including repairing, painting the basket ball court etc.
70. Providing false ceiling board at different location of NEIGRIHMS Hospital.
71. Repairing, painting of Deputy Director's room and other miscellaneous works.
72. Supply, fitting and fixing door and window curtain.
73. Construction of toilet cum bathroom at for staff at STP.

D. IN PROGRESS

Construction works:

1. Annual rate contract for civil works in the Hospital/ Teaching Block/ Library/ Basic Science Block/ Faculty Block/ Director's Block.
2. Annual rate contract for civil works in the Hostels/ Guest House/ Nursing College/ Auditorium/ Indoor Stadium/ PUB etc.
3. Annual rate contract for civil works in the A,B,C and D type quarter.
4. Provision of Laboratory table with steel frame and granite slab etc at newly constructed rooms of Microbiology Department for VRDL laboratory
5. Providing chainlink fencing from Substation No. I to RMO Hostel with angle iron post and CC foundation.
6. Modification/ repair works of footpath in front of the OPD and Casualty areas.
7. Construction of a shed over Diesel tank with tabular truss etc.
8. Providing and fixing aluminium partition and door inside Surgery OPD existing cubicle etc.
9. Providing Angle post chain-link fencing around the water reservoirs near the STP.
10. Providing wall tiles in MS rooms, control room, painting and repairing works etc.

11. Construction of sentry box at STP area including repairing, painting of old sentry box and watch towers.
12. Construction of aluminium cubicle for the remaining Nursing station of Private ward.
13. Civil works in Bulk Diesel storage area.

E. MAINTENANCE OF SERVICES (ONGOING)

1. AMC/ CMC of 19 (nineteen) lifts with M/s OTIS
2. AMC/CMC of Nurses Call Bell System with Veekay Control Devices.
3. AMC/CMC of Fire Fighting and alarm Detection System with Pelican Enterprise.
4. AMC/CMC of HVAC Plant with Sterling and Wilson.
5. AMC/CMC of 4 (four) lifts with Omega.





NEWLY CONSTRUCTED ATM BUILDING





CENTRAL STORE

Introduction:

The Store department plays a vital role in the smooth function of the Hospital services which act as a supporting section to all departments by providing all requirements ranging from the small value stationeries to High End medical Equipments as indented; the store department is adopting the scientific Material Management system with adequate balance in Demand and Supply. The Store section is functioning under the Smart Supervision of the Store & Procurement Officer of the Institute. The Store department is consist of the following sections

- Central Store (Non-medical store)
- Medical Store
- Ancillary Store
- Hospital Pharmacy
- Purchase and Billing Section
- e- procurement cell

Location

Both the Central Store and medical store is located at the basement of the Hospital OPD area. The Ancillary Store is located behind the Institute Auditorium. The Hospital Pharmacy is in the centre of the OPD Block. The Purchase and Billing Section is a part of Administrative Block.

Staff Position

The present strength of staff is as follows:

- Store & Procurement Officer – 01
- Superintendent Pharmacist – 01
- Pharmacists – 06
- Storekeeper – 29
- Out-sourced person – 17

Objectives and functions:

Every Institute/Department spends a sizable amount of its Budget for purchasing various types of goods to discharge the duties and responsibilities assigned to it. It is imperative that these purchases are made following a uniform, systematic, efficient and cost effective procedure in accordance with the relevant rules and regulations of the Government. The Institute has been delegated powers to make their own arrangement for procurement of goods under the delegation of Financial Power Rules, which have to be exercised in conformity with the rules and guidelines issued by competent authority covering financial, vigilance, security, safety, counter trade and other regulatory aspects.

Area of Activity:

During the year 2014-2015, the Storekeepers who are looking after the stores have been performing the following works under the supervision and instruction of Store & Procurement Officer for the smooth function of the store section.

1. The concerned Storekeepers prepared the budget estimate for the year 2015-2016 for the procurement of non-medical stores including equipments and submitted the same to the Store & Procurement Officer for doing the needful.
2. The concerned storekeepers up-dated the stock ledgers before the annual physical verification of assets and stores conducted by the committee constituted by the competent authority and follow-up action have been taken as per report submitted by the committee.
3. The concerned storekeepers, after compiling the demand requisition received from the various depts./section put up the file to the competent authority for approval for placement of order on quarterly basis as per rate contract.
4. The equipments, consumables/stores has been received by the concerned storekeepers according to the specifications and quantity enlisted in the supply order and thereafter entered all details in the respective stock registers for proper issue and distribution as per the demand requisitions.
5. After opening the price bid of any bidder the concerned storekeepers prepare the comparative statement of the responsive bidders and after checking the rates, the in-charge of the store forwarded the same to the Store & Procurement Officer for placing in the IPC for approval before giving letter of award to the selected bidders.
6. All the bills submitted by the suppliers were verified and certified by the storekeepers as per the supply order before sending to the account section for making payment.
7. Five pharmacist and two outsourcing pharmacist, four outsourcing attendants were running the hospital pharmacy for 24 hours x 7 x 365 days for the convenient of the patients on shift duties and the drugs were available at lowest competitive rates to the institute.
8. Drugs/Disposable items were issued to the patients within low income groups, UTP patients, staff members and their dependents. Reagents and chemicals requirements in the laboratory and departments were provided as per the indents and record maintain in their respective register. Several other new departments and OTs were operational during this session and the section have to expand for catering to the requirements of all the departments and arrangements were made to keep the pharmacy and central store operational on all days round the year for providing better services to the institute
9. All the works and services performed by store section have been linked with Tally ERP customized software system.

10. Store section is adopting the modern scientific inventory management system round the clock.
11. The concern Store Keepers put up the proposal for Procurement of Equipments/ Stores as per MCI requirement of MBBS/MD,MS course for the various department of the Institute.
12. The Institute has been registered with the Central Public Procurement Portal for e-publishing of tenders on the Portal. All tenders and awards thereof are being uploaded on the CPPP as per Central Government instructions. The Institute has already in- corporate e-tender, e- procurement and having a e- procurement cell.
13. The Store section used to finalize the minutes/ agenda for the Internal Purchase Committee, Standing Finance Committee meetings in consultation and coordination with other supporting departments of the Institute.
14. Five Storekeepers has undergone training from 12th – 16th January, 2015 at National Institute of Health & Family Welfare, New Delhi on Logistic & Supply Management System in Health & Family Welfare.
15. Mr. H. Dey, Store & Procurement Officer has successfully completed the CIPS and UNDP certified training programme on Public procurement, level-III at Copenhagen, Denmark.
16. The Store section co-operate and co-ordinate in the Audit inspection of internal and statutory audit.
17. During the year 2014-2015, the High End Equipments which already received by the Institute may kindly be seen as per the detailed statement at Annexure “A”.

Annexure - 'A'

LIST OF FIXED ASSETS/ EQUIPMENTS RECEIVED DURING THE YEAR 2014-15

Date of received	Asset	qty	Amount (With 5 years composite warranty and thereafter 5 years CMC)	Order No & Date	Location of the Asset
23.4.14	Operating Microscope Make: Haag Streit, Germany Model: Moller Hi-R 700 SN: Hi R 700 - 1059, FS2-23-1050, X12- 23-1045	1 No	7047194.06	OT-887/13-14 dt 19.2.14	Neurosurgery

26.5.14	Endoscope System Make: Karl Storz, Germany Model: 29005DRB SN: NV2050	1 No	9903802.36	OT-827/13-14 dt 12.2.14	Neurosurgery
23.7.14	HPLC Machine with Stabilizer, UPS, Computer, Printer and other essential accs Make: Agilent Technologies, USA Model: 1260	1 No	6125126.00	OT-1007/13-14 dt 31.3.14	Pharmacology
28.8.14	Heart Lung Machine Maquet Medica, Germany Model: HL 20 SN: MCP00706195	1 No	9466275.00	OT-236/14-15 dt 3.7.14	CTVS
21.10.14	Full High Definition Endoscopic Camera Make: Karl Storz, Germany SN: UV00221	1 No	6249093.02	OT-231/14-15 dt 25.6.14	Orthopaedic
15.12.14	Flexible Nephroscope Make: Karl Storz, Germany SN: 18471	1 No	6069439.48	OT-349/14-15 dt 22.8.14	Urology
15.12.14	Anaesthesia Workstation Make: Mindray, PR China Model: A7 Anaesthesia System with Beneview T8 Patient Monitor	1 No	5104311.58	OT-351/14-15 dt 20.8.14	Anaesthesiology
18.12.14	Endovascular Evaluator System Make: Fain Medcials Model: EVE	1 No	9576000.00	OT-502/14-15 dt 22.10.14	CTVS
02.03.15	Intra Vascular Ultrasound System Make: Volcano Corporation, USA Model: S5/S5i SN: 1019-51093-001	1 No	7450000.00	OT-706/14-15 dt 16.1.15	Cardiology
09.03.15	Fully Enhanced Chemiluminescence Make: Beckman Coulter, USA Model: Unicel DXL 800 Access SN: 604394	1 No	5349615.77	OT-139/14-15 dt 28.6.14	Bio Chemistry

26.03.15	Image Guided Navigation System for Endoscopic Sinus and Skull based Surgery Make: Karl Storz, Germany SN:	1 Set	8650498.67	OT-710/14-15 dt 19.1.15	OT 3rd Floor/ ENT
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SECURITY SECTION

The Security/Fire Section supervised by the Chief Security Officer assisted by 4 (four) NEIGRIHMS Security Supervisors, 4 (four) NEIGRIHMS Security Guards, 6 (six) NEIGRIHMS Fire Guards, Home Guards Volunteers and Private Security Guards requisitioned from Commandant, Home Guards, East Khasi Hills District and Private Security Agency respectively. Therefore, day-to-day functioning of the section is reported to the Deputy Director (Administration).

Security in the campus was divided into three zones, i.e. "A", "B" and "C" zones. Each zone manned and monitored by Supervisors for 24X7. Duties and responsibilities of the Supervisors are to supervise the day-to-day functioning of the guards, patrolling and checking in their designated areas and reported back to the NEIGRIHMS Duty Supervisor (Shift-incharge) at the OPD for further necessary action. In addition, for manning the posts, we give utmost importance in activities like monitoring the movements of patients, attendants and visitors and always assist the patients as well as the visitors.

The Section is responsible for providing security round the campus, round the clock to the faculties', officers' and staffs' quarters staying inside the campus as well as to each and every wards in the hospital, OPD, College of Nursing, Nurses Hostel, MBBS Hostel (Boys), MBBS Hostel (Girls), Resident Medical Officers' Hostel, the Institute's property i.e. Sewage Treatment Plant, Stores, Labs and other equipments. Besides providing security and other safety measures during the visit of the VIPs, the Section is looking after parking of vehicles, issue of ID Cards, Car Passes etc. to the Officers and staff of the Institute, liaison with the District Police, Home Guards and Fire Department of the State etc. As a security measures, the registration number of all the private vehicles entering inside the campus, are being noted at the entry point. CCTV cameras have been installed in the designated area covering the OPD, Emergency, Main gate and Director Block, for better monitoring and assisting the Administration for documentary evidences if and when required. The Section is also shouldering the responsibility for fire fighting and six Fire Guards oversee the functioning of fire equipments, like Smoke Detector, Fire Detection Alarm, Hydrant etc. Testing of fire equipments by the Institute Fire Guards and maintenance staff was done on weekly basis at different location. The Section is having its own Fire Control Room which was monitored 24X7 by Institute Fire Guards and Outsourced Fire maintenance staff.

Sanctioned/Actual Strength of Security and Fire Sections as on date:-

Designation	Sanction strength	Actual strength
Security Section		
Chief Security Officer	1	1
Security Officer	1	Nil
Security Supervisor/Guard	8	8
Fire Section		
Chief Fire Guard	1	Nil
Fire Guard	6	6
Total	17	15



Control Room for CCTV

HINDI SECTION

INTRODUCTION:

Hindi section plays a vital role in the effective implementation of the Official language policy as per the concerned articles of the constitution of our country. The section comes under the Department of Official Language which was set up in June, 1975. It is a nodal Department which ensures compliance of Constitutional provisions, Official Language Act, 1963 and Official Language Rules 1976, Official Language Resolution, 1968 and the presidential orders from time to time regarding Official Language of the union Government.

LOCATION :

Hindi section is located in Establishment- II of the Director's Administrative Block and is functional from the year 2007.

STAFF STRENGTH :

The present strength of staff is as follows –

- Nodal Hindi Officer – 1 Dr. Noor Topno
- Sr. Hindi Translator – 1
- Hindi Typist - 1
- MTS -1

ACTIVITIES PERFORMED BY THE SECTION DURING APRIL 2014 TILL MARCH 2015 :

During the period 01st April 2014 till 31st March 2015, list of activities performed by the Hindi Section are as follows :-

- Quarterly Meeting (OLIC) on 23rd June 2014. Total 12 members of various Department of the Institute attended the meeting under the Chairmanship of Director, NEIGRIHMS.
- A two –day Hindi workshops were conducted on 20th and 21st June 2014. 7 officers and 36 employees attended the workshop. Workshop was conducted by the Sr, Hindi Translator, Smt Sanchita Chakraborty and Hindi Typist Smt. Guddi Bhagat.
- Quarterly Meeting (OLIC) on 28th August 2014. Total 10 members of various Department of the Institute attended the meeting under the Chairmanship of Director, NEIGRIHMS
- A two –day Hindi workshops were conducted on 20th and 21st August 2014. 5 officers and 28 employees attended the workshop. Workshop was conducted by the Sr, Hindi Translator, Smt Sanchita Chakraborty and Hindi Typist Smt. Guddi Bhagat.
- Quarterly Meeting (OLIC) on 17th December 2014. Total 08 members of various Department of the Institute attended the meeting under the Chairmanship of Director, NEIGRIHMS

- A two –day Hindi workshops were conducted on 18th and 19th Dec 2014. 8 officers and 28 employees attended the workshop. Workshop was conducted by the Sr, Hindi Translator, Smt Sanchita Chakraborty and Hindi Typist Smt. Guddi Bhagat.
- Quarterly Meeting (OLIC) on 25th March 2015. Total 21 members of various Department of the Institute attended the meeting under the Chairmanship of Director, NEIGRIHMS.
- A two –day Hindi workshops were conducted on 26th and 27th March 2015. 7 officers and 13 employees attended the workshop Workshop was conducted by the Sr, Hindi Translator, Smt Sanchita Chakraborty and Hindi Typist Smt. Guddi Bhagat.
- Hindi Diwas/Pakhwara was observed from 2nd September 2014 till 16th September 2014. Various competitions were held during this period. Cash award was given to the wining participants and consolation prizes were also given in order to encourage participants for their participation.

SECTION – D ACADEMIC

ACADEMIC SECTION

A. Manpower position

Dean	: Prof. V. Raphael (w.e.f. 1.11.2013)
Assistant Registrar	: 1
Asstt. Admn. Officer	: 1
Stenographer	: 1
UDC	: 1

B. Introduction

The Dean's office looks after all the academic activities, student affairs and research activities of the Institute. The Examination cell and Medical Education Unit are covering all the exam related activities and Faculty development programme respectively. The Dean is holding the post of Chairman of several committees including College Council, Student Council, Library Committee etc. which meets regularly for the smooth functioning. Anti- ragging cell, Academic Coordination Committees, Warden's Committee helps the Dean in overall welfare and academic activities of the students.

Currently, the Institute has several academic programmes including B.Sc Nursing course with an intake of 50 students, MBBS course with an intake of 50 students, Post Graduate MD/MS course in Pathology, Microbiology, Obstetrics & Gynaecology & Anaesthesiology which are recognized by Medical Council of India (MCI) and DM Cardiology with an intake of 2 students. Post Graduate MD/MS course in Radiodiagnosis, General Surgery and Anatomy were started from the session 2013-14 and MD General Medicine from the academic session 2014-15 with increase of one seats each in the department of Microbiology and Pathology.

The Entrance examinations for all the above courses are conducted by NEIGRIHMS to fill up the North-East Open Category seats.

In addition, the Institute gave inhouse training for GNM & B.Sc Nursing students, Block Placement, Clinical exposure, Internship, Short term training and Junior research fellowships for 283 students coming from other Institutes in the current financial year.

The 2nd batch of MBBS– 2009 batch students completed internship in January 2015 and were awarded Completion certificates and Degree certificates by North Eastern Hill University. The third batch of Post Graduate students (2011 batch) completed their MD in Pathology, Microbiology, Obstetrics & Gynaecology & Anaesthesiology and were all awarded degrees.

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EXAMINATION CELL

The Examination Cell, NEIGRIHMS was established in the year 2008, when the first batch of MBBS course was admitted. The cell is presently housed temporarily at the Ground Floor, Faculty Block. The Cell is engaged in planning and conducting various Internal Examinations of MBBS course, facilitates University Professional MBBS, PG (MD/MS) Examinations of NEHU and also the Entrance Examinations of MBBS Course, B.Sc. (Nursing), PG (MD/MS), DM (Cardiology) Examinations and Recruitment Examinations.

1. Current Manpower

Sl. No.	Designation	Number
1	Dean	1
2	Controller of Exam	1
2	Sub Dean	1
3	Assistant Registrar	1
4	Stenographer	1
5	Upper Division Clerk	1
6	Lower Division Clerk	2
7	Data Processing Assistant	4
8	Assistant	4
9	Attendant (Peon)	2

2. Entrance Examination conducted

Sl. No.	Course	Date of Examination	No. of Candidate applied	No. of eligible candidate	Date of result declared
1	B.Sc. (N)	22.06.2014	900	830	22.06.2014
2	MBBS (online)	13.07.2014	6050	6050	13.07.2014
3	PG (MD/MS)	22.04.2014	409	350	22.04.2014
4	DM (Cardiology)	23.07.2014	35	35	23.04.2014

3. MBBS Internal Professional Examination

a. Internal MBBS Examinations:-

Sl.	Year	Batch	No. of Internal Examination
1	1 st Year MBBS	2014-2015	1
2	1 st Year MBBS	2013-2014	2
3	2 nd Year MBBS	2012-2013	2
4	3 rd Year MBBS (Part-I)	2011-2012	2
5	3 rd Year MBBS (Part-II)	2010-2011	2

b. Professional MBBS Examinations:-

Sl. No	Year of Exam	Batch	No. of Candidates appeared	No. of candidates declared passed	Date of result declared	Percentage
1	1 st MBBS (M) June/2014	2013-2014	55	44	25.07.2014	80%
2	1 st MBBS (S) September/2014	2013-2014	11	9	09.10.2014	81.82%
3	2 nd MBBS (M) December/2014	2012-2013	49	46	07.01.2014	93.62%
4	2 nd MBBS (S) April/2015	2012-2013	3	3	18.05.2015	100%
5	3 rd MBBS (M) (Part-I) December/14	2011-2012	48	34	07.01.2015	70.83%
6	3 rd MBBS (S) (Part-I) April/2015	2011-2012	15	14	18.05.2015	93.33%
7	3 rd MBBS (Part-II) (M) December/2014	2010-2011	47	35	07.01.2015	74.47%
8	3 rd MBBS (Part-II) (S) April/2015	2010-2011	14	10	22.05.2015	71.43%
9	PG (MD/MS) April/2015	2012	10	10	07.05.2015	100%

4. Amount sanctioned and expenditures for the various examinations during the year 2014

a. Entrance Examinations:-

Sl. No.	Course	Date of Examination	Amount collected as fees	Amount sanctioned	Expenditure	Amount refunded
1	DM(Cardiology)	23.07.2014	1,05,000/-	1,70,000/-	58,410/-	1,11,590/-
2	PG(MD/MS)	22.04.2014	12,27,000/-	9,00,000/-	5,75,180/-	3,24,820/-
3	MBBS (Online)	13.07.2014	93,77,500/-	12,50,000/-	10,63,478/-	1,86,522/-
4	B.Sc (Nursing)	22.06.2014	4,50,000/-	7,90,000/-	4,43,045/-	3,46,955/-
5	Payment to vendor for MBBS online examination for 6050 candidates @ 450 per candidate + tax				30,59,000/-	
		Total	1,11,59,500	31,10,000	51,99,113	9,69,887

b. Professional Examination:-

Sl. No.	Name of Examination	Date	Amount sanctioned	Expenditure	Amount refunded
1	PG (MD/MS) (Ex+ Mod)2011	25.02.2014	5,40,000/-	3,48,800/-	1,91,200/-
2	PG (MD/MS) Thesis	19.02.2014	41,000/-	34,326/-	6,674/-
3	1 st MBBS (M) June-July/2014	23.06.2014	4,00,000/-	1,38,625/-	2,61,375/-
4	1 st MBBS(S)September/2014	21.08.2014	2,70,000/-	1,14,934/-	1,55,066/-
5	2 nd MBBS(M)December/2014	13.11.2014	4,55,000/-	3,28,408/-	1,26,592/-
6	2 nd MBBS (S)April/2015	13.03.2015	2,44,000/-	99,170/-	1,44,830/-
7	3 rd MBBS (Part-I) (M) December/2014	13.11.2014	3,60,000/-	2,62,017/-	97,983/-
8	3 rd MBBS(Part I) (S) April/2015	13.03.2015	1,50,000/-	78,154/-	71,846/-
9	3 rd MBBS(Part-II)(M) December/2014	12.11.2014	4,76,000/-	3,18,823/-	1,57,177/-
10	3 rd MBBS(Part-II) (S) April/2015	13.03.2015	3,02,000/-	2,08,946/-	93,053/-
		Total	32,38,000	19,32,203	13,05,796

C. Recruitment of various posts of NEIGRIHMS:-

Sl. No.	Amount sanctioned	Expenditure	Amount refunded
1	4,00,000/-	2,44,921/-	1,55,079/-

CENTRAL LIBRARY

STAFF:

Librarian : Ms. Wandahun Dkhar

Assistant Librarian : 2

Sr. Library & Information Assistant (Contract): 2

Outsourcing Staff

- Computer operator : 1
- Xerox Operator : 2
- Cleaners : 2
- Library Attendants : 10

INTRODUCTION

The Central Library is a Four Storied Building and caters to a cross section of users ranging from Students to Doctors, Nurses and Paramedical Staff. It has a seating capacity of 200 Readers with separate reading place for the Faculty.

TIMING

- Monday – Friday : 9:00 AM – 9:00 PM
- Saturday : 9:00 AM – 1:00 Pm
- Sunday and Holiday : Closed

LIBRARY COLLECTION

Books Collection : 18575 of which
1105 is new arrivals

Print Journals 2015 : 105 Nos

- Indian : 25 Nos
- International : 80 Nos

WHO Global Package which includes :

- Bulletin of the WHO: the International Journal of Public Health
- Periodical & Selected Series
- Weekly Epidemiological Record
- WHO Drug Information
- WHO Global
- WHO Technical Report Series

E-BOOKS AND E-JOURNALS

➤ **E-Books** : 650+ Numbers

➤ **ProQuest Health and Medical Complete (Package)** : Which includes over 1900 Journals from major publishers in all fields of Medical Science and complimentary access to ebooks in Medical Science and Nursing available in ebrary platform.

➤ **J-Gate Biomedical Science (Package)** : An electronic gateway to global e-journal literature. It provides access to 5566+ full text journals. And 10838+ indexed journals.

➤ **Indian Journals Package:** Online Indian Journals from <http://www.indianjournals.com>, which includes 154 Title of Indian Journals from different field of Medical Science

➤ **Electronic Resources in Medical Sciences(ERMED) Consortium From National Medical Library (NML) New Delhi, which includes**

- BMJ Group (23 Medical Journals)
- Cambridge University Press (38 Medical Journals)
- Informa Health Care (40 Medical Journals)
- Lippincott William & Wilkins (97 Medical Journals)
- Oxford University Press (35 Medical Journals)
- John Wiley (56 Medical Journals)

BOUND JOURNALS AND THESIS

Library maintains separate section of bound journals and thesis presented by the post graduate students of the Institute.

CD-ROM SEARCH

Central Library provides CD-ROM search facility for the users. The Central Library has CDs of books and journals maintained by the concerned staff of Central Library.

MAGAZINES & NEWS PAPER

- Magazines : 11
- Newspapers (Local) : 05
- Newspapers (National) : 08

COMPUTER LAB & INTERNET SERVICES

The Computer Unit is equipped with 20 computer terminals. Internet facility is available free of cost to the users during the working hours.

SERVICE PROVIDED

- **QUICK REFERENCE SERVICE**: The library provides Reference Service and conducts yearly Orientation Programme for the students. It plays a significant role to serve the faculty members, residents, research fellows, staff and students. The Library is engaged in serving its readers with books, journals, bound journals, newspaper and magazines. The Library provides open access to its users, it also has an Internet browsing Area students which is now fully operationalised.
- **PERSONAL READING AREA**: A personal reading area is also proposed to be set up for reading. The staff provided Quick Reference Service to the users at an average of 10-15 queries Per Day.
- **CIRCULATION SERVICE**: Registered members of the library such as faculty, students including BSc Nursing, MMBBS and PG's from different departments, Research Scholars, paramedics and non-teaching staff of the Institute can borrow books from the library
- **PRINTING FACILITIES**: Library Provides Printing and Photocopying for the users of the Library.

- REPROGRAPHY SERVICE: At present library is providing reprography services for all the users of the Library.
- DISPLAY OF NEW ARRIVALS
- CONSULTATION SERVICES

ACTIVITIES:

- HELD OF BOOKS EXHIBITION: The Library organized the Book Exhibition every year.
- USERS EDUCATION AND LIBRARY TOUR: Library conducts Orientation Programme for BSc Nursing Students and MBBS Students.
- Assisted in searching and locating documents & Articles on request.
- Maintenance of Vertical files
(Question Papers, Reports, and Prospectus etc.)

CONFERENCE AND WORKSHOP

- The Committee for Satellite Centre for Evidence Based Child Health in collaboration with Central Library conducted a workshop on the 4th – 5th November 2013 on “How to Practice Evidence Based Medicine in Child health”, Librarian Ms. W. Dkhar, Member Secretary has taken up a session on “Introduction to PUBMed Search.
- The Committee for Satellite Centre for Evidence Based Child Health in collaboration with Central Library conducted a short course program on the 30th January – 1st February 2014 on “How to Teach Evidence Based Child health”.

MEDICAL EDUCATION UNIT

DEPARTMENT OF MEDICAL EDUCATION, NEIGRIHMS

Governing Body of Medical Education Unit (MEU)

1. **Chairman:**
Dr. Animesh Mishra
2. **Member Secretary & Co-ordinator:**
Dr. Md. Yunus
3. **Members:**
Dr. Akash Handique
Dr. Subrat Panda
Dr. W.V. Lyngdoh
Dr. M. Agarwal
Dr. Star Pala
Mrs. W. Dkhar

Department of Medical Education, NEIGRIHMS was situated in the ground floor of the Faculty block near Administrative block. It was started in September 2011. Now it is reallocated to Tele-Medicine room of Community Medicine Department. The Department is equipped with Audiovisual and Photography and a few books as of now.

1. From April 2014 onwards.
In-House Continue Medical Education / Faculty Development Programme for Faculty, Resident Doctors, Nursing Faculty/Lecturer/Tutor & MBBS students has been conducted.
2. On 3rd April 2014, The Third Meeting of the Governing body of Medical Education Unit was held at Medical Education Unit Office at 2pm.
Two Sub-committee were constituted as follows:-
 - i. **Sub-committee for Orientation programme of MBBS & PG, Faculty, Resident Doctors** from Medical Education and the members are-
 - a. Dr. Md. Yunus, Chairman
 - b. Dr. Star Pala, Member Secretary
 - c. Dr. W.V. Lyngdoh, Member
 - d. Dr. Bhaskar Borgohain, Member
 - e. Dr. Manish Kapoor, Member
 - f. Dr. Amitav Sharma, Member
 - g. Dr. Binod Kumar Thakur, Member
 - ii. **Sub-committee for Training programme** under Medical Education Unit and the members are-
 - a. Dr. Md. Yunus, Chairman
 - b. Dr. Star Pala, Member Secretary
 - c. Dr. Rituparna Baruah, Member
 - d. Dr. Yookarin Khonglah, Member
 - e. Dr. Tanie Natung, Member
 - f. Dr. Amitav Sharma, Member
 - g. Dr. Himesh Barman, Member
 - h. Dr. Sourabh Duwarah, Member

3. On 24th April 2014, 1st meeting of “Sub-committee for Faculty Training & Development programme from Medical Education Unit” at 2pm at Medical Education Unit.
4. On 2nd May 2014, A Guest Lecture on Medical Education, Topic- “Bloom’s Taxonomy of Educational Objective” by Dr. Biswadeep Das from International Medical University, Kuala Lumpur, Malaysia at LT-1 (3-4PM).
5. On 7th May 2014, SPSS Software is installed in 10 Department- Anatomy, Pathology, Anaesthesiology, General Surgery, Obstetrics & Gynaecology, Cardiology, Ophthalmology, Community Medicine, Central Library & Medical Education Unit Office and followed on 7th & 8th May 2014 by SPSS Software Demonstration & Training Session for Faculty and on 12th May 2014 for MBBS students from Medical Education Unit was organized.
6. On 15th May 2014, Technical Evaluation of Color Poster Printing Machine is submitted for Department of Medical Education Unit.
7. On 2nd June 2014, the 1st meeting of the “Sub-Committee for Orientation Programs for MBBS & PG” new admission in NEIGRIHMS under Medical Education was held at 2:30 PM in Medical Education Unit Office.
8. MEU presented first CGR of Medical Education Unit on 14th June 2014 by Dr. Md. Yunus with Guest Lecture on “Improving Medical Education: Problems & Prospects” by Dr. K.K. Deepak, Chairman of K.L. centre of Medical Education & Technology, AIIMS, New Delhi is organized by Medical Education Unit at LT-1.
9. On 30th June 2014, the 2nd meeting of the Sub-Committee for Orientation Program for PG & MBBS students was held at 3:00 PM in Medical Education Unit.
10. On 17th-19th July 2014, Five Faculty members completed the Basic course Workshop in Medical Education Technology at Regional Training Centre, KGMU, UP, Lucknow.
11. On 23rd July 2014, Medical Education Unit has organized one day Orientation programme for 1st year Post Graduate & Post Doctor (MD/MS/DM) student at Medical Education Unit.
12. On 28th August - 6th September 2014, Dr. Md. Yunus, Coordinator of MEU and Dr. Animesh Mishra, Chairman of MEU went to the 70th National course on Education Science for Teachers of Health Professionals (NTTC) at JIPMER, Puducherry.
13. On 18th-20th September 2014, Five Faculty members completed the Basic course Workshop in Medical Education Technology at Regional Training Centre, KGMU, UP, Lucknow.
14. On 3rd November 2014, the 3rd meeting of the Sub-Committee for Orientation Program for PG & MBBS students was held at 3:00 PM in Medical Education Unit.
15. On 11th November 2014, the 4th meeting of the Sub-Committee for Orientation Program for PG & MBBS students with the Speakers & Faculty of the 1st year MBBS orientation programme was held at 2:30 PM in Medical Education Unit.
16. On 13th November 2014, Medical Education Unit has organized Orientation programme for 1st year MBBS student at LT-1. On 24th November 2014, the fourth Meeting of the Governing body of Medical Education Unit was held at Medical Education Unit Office at 2pm.
17. MEU supports many CME/Conference/Course & Programme.
18. On 1st December 2014, 2nd meeting of “Sub-committee for Faculty Training & Development programme from Medical Education Unit” at 2:30 pm at Medical Education Unit.

19. On 4th-6th December 2014, Five Faculty members completed the Basic course Workshop in Medical Education Technology at Regional Training Centre, KGMU, UP, Lucknow.
20. On 4th & 5th March 2015, Medical Education Unit is hosting the Annual Day Scientific programme 2015 at NEIGRIHMS.
21. On 12th March 2015, The Chairman of Medical Education Unit have constituted the Committee for The MCI Basic course workshop on Medical Education Technology at NEIGRIHMS to be held on 26th – 28th March 2015 and the Committee members are as follows:
22. On 26th – 28th March 2015, Medical Education Unit has organized the 3 days MCI Basic course workshop on Medical Education Technology under Supervision of Medical Council Of India & with the Guidance of King George's Medical University, U.P., Lucknow from 26th-28th March 2015(Thus, Fri & Sat) at Clinical Teaching Room-1, NEIGRIHMS.
25 Faculty get trained in this workshop.
23. Medical Education Unit has also done publication of 2 Books:-
 - a. A Handbook on Basics of Medical Education
 - b. Scientific Abstract Book of 3rd Annual Day 2015