



SRIMANTA SANKARADEVA UNIVERSITY OF HEALTH SCIENCES



3rd NEWSLETTER

February, 2023

Srimanta Sankaradeva University of Health Sciences, Guwahati, Assam, India is established in 2009 as per Act "The Srimanta Sankaradeva University of Health Sciences, Act, 2007". The Srimanta Sankaradeva University of Health Sciences is the only Health University in the North Eastern Region with its jurisdiction to the whole of Assam.

Motto:

EXCELLENCE IN EDUCATION, RESEARCH AND DEVELOPMENT

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Glimpses of various activities of SSUHS



Maathri Project, Goa Conference



21st EC Meeting, 2023



Dr. Jayanta Biswa Sarma delivering speech on "Medical Leadership" at O&G Hall, GMCH



Admission of B.Sc. Medical Technology Courses



Celebration of Azadi ka Amrit Mahotsav in the University



Construction activity in Permanent Site at Dolorpathar, Changsari



Workshop on Uniform Implementation of Competency Based Curriculum Across the State of ASSAM: Opportunities and Challenges. Held at- Assam Administrative Staff College, Khanapara, Guwahati



Workshop on Undergraduate Competency Based Medical Education for Undergraduate Course Curriculum. Held at Hotel Gateway Grandeur, Guwahati



Dr. Himanta Biswa Sarma

**The Hon'ble Chancellor of SSUHS
cum Chief Minister of ASSAM**



**Chancellor on the Platinum Jubilee
celebration at AMCH, Dibrugarh**



Sjt. Keshab Mahanta

Minister of Health & Family Welfare,
Govt. of Assam



Sjt. Avinash P Joshi

Principal Secretary
Health & Family Welfare,
Govt. of Assam



Dr. Siddharth Singh

Commissioner & Secretary,
Medical Education &
Research Deptt.,
Govt. of Assam



Dr. Anup Kr. Barman

Director of Medical
Education,
Govt. of Assam

Officers of SSUHS



Prof. (Dr.) Dhruba Jyoti Borah (Ph.D.)

DOJ: 22-11-2021

Vice Chancellor



Dr. Sujit Bordhan (Ph.D.)

DOJ: 19-01-2022

Registrar



Prof. (Dr.) R. C. Brahma

M.S.

Registrar (Academic), SSUHS

DOJ: 10-11-2022



Prof. (Dr.) K. Baruah

MD

COE, SSUHS

DOJ: 11-11-2022



Dr. Marami Dutta

MD

OSD, SSUHS

DOJ: 07-02-2022



Dr. Mangala Lahkar

MD

OSD, SSUHS

DOJ: 07-02-2022



Prof. (Dr.) H. Mahanta

M.S.

OSD, Examinations, SSUHS

DOJ: 01/04/2015



Dr. Pulak Deb

Ph.D.

Dy. COE, SSUHS

DOJ: 26-07-2021

Message from the Vice Chancellor



Srimanta Sankaradeva University of Health Sciences is the only Health Science University in the Government sector in the entire North-East India. This University is growing day by day and now it covers 9 Medical Colleges, 3 Dental Colleges, 1 Ayurvedic College, 3 Homeopathic Colleges, 3 Nursing Colleges, 3 Pharmacy Institutes and 6 Paramedical Institute in the Government sector besides innumerable Institutes in Nursing, Pharmacy, Paramedical in the private sector.

The University conducts entrance examination to various courses and from the present year Government has entrusted the University to conduct entrance examination for nursing courses (B.Sc. Nursing & GNM). The University with an aim of standardizing medical education has introduced uniform routine across all medical colleges and is monitoring closely the teaching programmes in various institutes. It is holding even the internal assessment exam in a centralized manner with an aim to standardized teaching. Further the University has started printing the Log Books for students so as the acquisition of skills can be properly monitored. These standardization programme shall be extended to all teaching courses of the University both in Government and Private sectors. These changes are being done by holding widest consultation amongst all the stake holders including Principals, Head of the Departments, Faculty Members, Medical Education Units, Administrator and Students. The University held besides the workshop on “Uniform Implementation of Competency Based Curriculum across the state of Assam : Opportunities and Challenges” and “Undergraduate Competency Based Medical Education (UGCBME)” and various online meetings.

The University is attempting to streamline its prestigious Ph.D programme by introducing strictly the course work and all other academic

measures required for it. The Fellowship Programme in the Graduate and Post-Graduate level is one of the most innovative academic programme of University which will directly benefit the students, Patients and the State. Similarly, introduction of B.Sc. Medical Technology course is a long felt need to develop technical health human resources in our state across various discipline and skill sectors. To further develop this sector the University has proposed setting up of a University College of Medical Technology and Allied Health Sciences in our State. In this age, Digital Learning technology is of utmost importance, therefore the University is going to develop a digital learning platform so that all students, PGs and Faculties of State will gain access to thousands of most modern and current text books, reference books, e-version of internationally famed medical journal, research papers and videos, teaching tools and lakhs of medical thesis on their laptop and even on mobile phone. This will practically revolutionized medical education. The Srimanta Sankaradeva University of Health Sciences is striving to do all these and more in the coming days so that in the medical education sector our state can be on the top bracket of the states and our graduates, Medical, Nursing, and Medical technology persons gain National and International recognition and get job opportunities within the country and abroad.

In the sector of medical research, University is trying to setup a value based medical research system and it is collaborating with various institutes such as Oxford University, IITs and other University to setup collaborative research projects.

I am very glad at being able to present before you the 3rd Newsletter of the University detailing all these and more. I express my thanks to the team who has put this Newsletter together.

A handwritten signature in black ink, appearing to read 'Dhruba Jyoti Borah', with a stylized flourish at the end.

Prof. (Dr.) Dhruba Jyoti Borah
Vice Chancellor, SSUHS

Vision of the University

As this University is named after Srimanta Sankardev, a saint-scholar, social-religious reformer and a figure of importance in the cultural and religious history of Assam. I wish to see the name and achievements of Srimanta Sankaradeva University of Health Sciences being aired and applauded in the global academic platform like the works of Gurujona.

We wish to place SSUHS at the peak of exceptional academic excellence in Teaching, Research and Health Education and this can only be achieved with dedicated and transparent administrative and academic reforms.

As Registrar my vision will be to make it a 'BRAND' of its kind in quality Health Education, inter-disciplinary research, faculty development, student welfare and all round development etc.

The first and foremost need of the hour is to modernize the University with computerization of different sections. We wish to make all sections of the office of SSUHS computerized and software oriented for speedy and error free disposal of works, this will save money, time and effort.

Mentoring of teaching standard of its affiliated institutions is very much essential so that students can get best available training at par the other center of excellence of the country like AIIMS, New Delhi, PGIMER, Chandigarh. Academic Audit is, therefore, essential to be done across all courses and if required stern exemplary action may be taken.

The primary objective of this University is to create, uphold and develop an intellectual, philosophical, academic and physical environment which is to be maintained. The University must work for producing more and more trained health professionals of higher caliber. To achieve this goal, good academic standard is to be maintained among undergraduate and postgraduate trainees including different super-specialities.

Dr. Sujit Bordhan
Registrar, SSUHS



The University should set examples in imparting best quality teaching and research for its affiliated institutions. To achieve this aspire, SSUHS must have a Conducted/Model College under its direct control, wherein various Super-speciality Courses and Scientific Research which are still not available in the State can be started. We wish to see SSUHS having such a well-designed Conducted College of its own in very near future.

A well-equipped permanent campus is fundamental to the all-round development of any educational Institution. Govt. has already allotted a land of 120 bighas at Changsari but construction work is yet to be started. We shall not leave any stone unturned in taking all possible initiatives under the leadership of Hon'ble Vice Chancellor to start the construction of permanent building of SSUHS at the allotted land. We wish the days are not too far when SSUHS will operate from a state of the art, modern, beautiful, well equipped and spacious campus at Changsari.

Periodic orientation of the University employees regarding service rules, updated rules and regulations of MCI, DCI, PCI, INC, CCIM, CCH and relevant rules of Govt. of Assam and regulatory bodies etc. is also an important aspect to be looked into for more efficient and professional perusal of official assignments by the employees.

We wish to start a Digital/Virtual Library under the aegis of SSUHS for the academic benefit of the students and faculties. We also wish to start University Journal of Health Sciences to encourage our students and young faculties for publication of scientific papers.

Starting of Fellowship Courses

With a view to increase newer avenues of medical education and training, Srimanta Sankaradeva University of Health Sciences with the kind approval of Hon'ble Chancellor of SSUHS cum Hon'ble Chief Minister of Assam has introduced fellowship programmes in Medical, Dental and Nursing subjects at Gauhati Medical College, Guwahati / Regional Dental College, Guwahati/ Regional Nursing College, Guwahati. The fellowships are being offered in those disciplines where the regular MD/MS, DM/M.Ch., DNB courses are not available. But are very essential for public service and patient care.

The senior fellowship shall be for one year for Doctors with Postgraduate degrees and fellowship will be for two years including six months internship for graduate doctors. Dental fellowship shall be for one year and Nursing fellowship for two years.

The fellowship are available in the following subjects.

Senior Fellowship:

- | | |
|--|-------------------------------|
| 1. Haematology and Hemato-Oncology | 12. Interventional Radiology |
| 2. Haemato-Pathology | 13. Otology |
| 3. Uro-Oncology | 14. Clinical Neurophysiology |
| 4. Uro-Reconstructive Surgery | 15. Onco-Biochemistry |
| 5. Child & Adolescent (CAP) Psychiatry | 16. Neurotrauma |
| 6. Geriatric Psychiatry | 17. Children Surgery |
| 7. Paediatric Dermatology | 18. Paediatric Anaesthesia |
| 8. Neurology | 19. Pain Management |
| (Epilepsy and Electroencephalogram) | 20. High Risk Pregnancy |
| 9. Arthroplasty | 21. Clinical Cardiology |
| 10. Orthopaedic Trauma | 22. Interventional Cardiology |
| 11. Burn Management | |

Fellowship:

- | | |
|------------------------------------|--|
| 1. Clinical Haematology | 11. Dialysis |
| 2. Geriatric Medical Care | 12. Emergency Care |
| 3. Family Medicine | 13. Pharmacovigilance |
| 4. Paediatric Critical Care | 14. Forensic Odontology |
| 5. Paediatric Neonatal Care | 15. Clinical Forensic Medicine and Toxicology |
| 6. Public Health | 16. Pain Management |
| 7. Diabetology & Metabolic Disease | 17. Maternity and Child Health |
| 8. Pulmonary Critical Care | 18. Primary Care Cardiology |
| 9. Burn Care | 19. Infectious Disease and Molecular Diagnosis |
| 10. Imaging Science | 20. Orthopaedic Rehabilitation |

Dental Fellowship:

1. Minor Oral Surgery 2. Prostodontics, Crown Bridge and Oral Implantology 3. Endodontics

Nursing Fellowship:

1. Diabetic Nursing 2. Dialysis Nursing 3. Paediatric Critical Care Nursing 4. Cardiac Care Nursing 5. Nurse Anesthetist.

Starting of B.Sc. Medical Technology Courses

The decision of SSUHS to start three years B.Sc. Medical Technology Courses in various disciplines in the Govt. institutes under SSUHS, abolishing the existing corresponding diploma courses was appreciated and approved in the 13th Meeting of the Academic Council held on 22-12-2021. However, the Director of Medical Education, Assam pointed out that under such circumstances, permanent faculty and infrastructure must be established with arrangement for appropriate remuneration. The meeting subsequently decided that the courses may be started in three or four medical colleges, viz. GMCH, AMCH, SMCH, JMCH availing services of their faculty members and/or hired faculty until new posts are created. Hon'ble Vice Chancellor assured that until then, the university may also consider paying the remuneration to part-time faculties.

Nomenclature of the course shall be B.Sc. Medical Technology in following disciplines:

1.Cardiac Care Technology, 2.Dialysis Technology, 3.Trauma and Emergency, 4.OT Technology, 5.Anaesthesia and Critical Care, 6.Medical Laboratory Technology, 7.Blood Banking Technology, 8.ICU Technology, 9.Radiography and Imaging Technology, 10.Bachelor in Physiotherapy & Master in Physiotherapy

Resolved in principle that B.Sc. Medical Technology course shall be started under SSUHS in Govt. institutions running the corresponding Diploma Courses and proposal shall be sent to the Govt. for providing necessary support to start the courses.

The Executive Council of the University has, in its 20th meeting held on 01-02-2022 discussed in detail about introduction of these courses and approved the proposal for starting these courses in Paramedical Sciences at the Institutes attached with the Medical Colleges of Assam.

The Council authorized Hon'ble Vice Chancellor, SSUHS, to plan out other associated modalities required for starting these courses including engagement of required number of

Tutors. The Executive Council further decided that the Faculties of Medical Colleges who will take classes of these courses will be provided honorarium by SSUHS and the consolidated salary of Tutors to be engaged will also be borne by SSUHS till regular posts are created by the Govt. of Assam. Accordingly the University has appointed 8 nos. of Lecturers in Medical Laboratory Technology, Blood Banking Technology, Physiotherapy and Physics on contractual basis to fulfill the initial requirement for commencement of courses.

In response to the proposal sent to the Principal Secretary to the Govt. of Assam, Health and Family Welfare Dept., Dispur, Guwahati, for starting B.Sc. Medical Technology courses in the above mentioned disciplines, the Joint Secretary to the Govt. of Assam, Medical Education & Research Department had approved the introduction of B.Sc. Medical Technology Courses in 4 (four) Medical Colleges of the State viz. Gauhati Medical College, Guwahati; Assam Medical College, Dibrugarh; Silchar Medical College, Silchar and Jorhat Medical College, Jorhat. These courses will be greatly helpful in creating very useful medical technology personnel in our State.

The meetings of the Principals of the Medical Colleges held on 10-12-2021 had also approved the introduction of these courses by the University.

It may also be pointed out that the Hon'ble Chancellor of the University cum Hon'ble Chief Minister of Assam in the General Council Meeting of SSUHS held on 12-12-2021 has approved the University proposal for starting the Bachelor courses.

The selection of candidates for admission to these courses are done on the basis of merit. The entrance examination for admission to B.Sc. Medical Technology courses held on 6th November, 2022. The Counseling for selection of candidates for admission into 255 seats in different branches of Medical Technology held on 14th and 15th December, 2022 at the University conference hall. About 350 candidates from the State has participated in the counseling.

MAATHRI- Collaborative project of SSUHS with University of Oxford, UK

Conference, Goa, 28-29 May 2022

Maternal and perinatal Health Research collaboration, India (MaatHRI) is a UK-India collaboration for maternal and perinatal health research. It is a collaboration between 15 hospitals in India and the University of Oxford. Srimanta Sankaradeva University of Health Science (SSUHS), Assam, is one of the main collaborators, which coordinates six Government Medical Colleges in Assam. The project started in September 2017 and builds on a successful collaborative pilot work conducted in 2014. MaatHRI aims to improve the health and wellbeing of pregnant women and babies in India. It includes a capacity building component through which training programmes are conducted for clinicians and academics in India. MaatHRI website: <https://www.npeu.ox.ac.uk/maatfri>

MaatHRI completed its Phase-1 on 31st May 2022 and a two-day conference was organised in Goa to discuss the achievements of the collaboration, research undertaken by Indian clinical collaborators, and strategies for future research. MaatHRI started its Phase-2 from 1st June 2022.

On Day-1 of the conference Prof Saswati Sanyal Choudhury (Professor ObGyn, GMCH) shared the findings of research on Glycosylated fibronectin for prediction of preeclampsia and its severity in primigravidas. GlyFn could be a valuable predictor of preeclampsia, but more work is required to determine the cost-effectiveness of the test and its utility as a triage tool for the Indian setting. Dr Pranabika Mahanta, (Assistant Prof ObGyn, JMC) presented the epidemiology of preeclampsia, and a summary of the diagnostic tests available for screening and predicting the pregnancy complication. There were discussions about the need for a package of tests, which provides a predictive score and can be done cost-effectively at grass-roots level; adapting existing assessments, treatment and reference values for India. Dr Sereesha Rao (Assistant Prof ObGyn, SMCH) presented the epidemiology, diagnosis, treatment and prevention of haemolytic anaemia in pregnant women in Southern Assam. There is



scope to use the MaatHRI data to understand the prevalence and impact of haemoglobinopathies on pregnancy.

Day-2 started with a message from Prof Dhrubajyoti Bora, Vice Chancellor, SSUHS, which was read out by Prof Ratna Kanta Talukdar, Principal, JMC. It was an important message to focus on review, introspection, expansion and necessary course correction for MaatHRI at a key juncture – transition from Phase-1 to 2. Suggestions were to expand the work to include more research on non-communicable diseases that affect maternal and perinatal health in India including diabetes, pre-existing heart disease and hypertension. Another key message was working towards translating our research findings to policy actions in order to improve the health of future mothers and babies, which will help to realise the true benefits of the MaatHRI collaboration. After reading the message, Prof Talukdar shared his views on the importance of innovative research in Assam, which should be disseminated appropriately to improve pregnancy care. We discussed the importance of not blindly implementing the evidence generated in a high-income setting without understanding the implications for the Indian population. Finally, the team discussed the future strategic directions for MaatHRI. It was agreed that we continue the research and training work, but also focus more on translation of research outputs to policy actions. The collaboration will initiate novel work on preeclampsia and other vascular diseases.

Associate Prof Manisha Nair, Chief Investigator, MaatHRI from Oxford University said that “the conference was a huge success where everyone actively contributed to planning the future direction of MaatHRI and we also had time to celebrate the successful completion of Phase-1. I am thankful to the entire team of collaborators and research staff without whom this UK-India collaboration would not exist.”

Scientific Paper Presentation Series:

SSUHS has organized a series of Scientific Paper Presentation of original Research papers published in last 2 years by faculty members of all the medical colleges of Assam. It was started from April 2022 on virtual mode on every wednesday of this month. In this series two faculties Dr. Anupam Dutta, Assistant Prof of Medicine, AMCH, Dibrugarh and Dr. Mondita Borgohain, Prof of Pathology, AMCH, Dibrugarh had presented their original research papers titled “ Lean Young Type2 Diabetes Patients attending Assam Medical College & Hospital, Dibrugarh, India; Phenotyping North East Indian Young Type2 Diabetes” and a Histopathological study of fallopian tube Lesions – in a Tertiary Care Centre” respectively the paper presentation series was coordinated by Dr. Marami Dutta and Dr. Mangala Lahkar, OSD, SSUHS, Guwahati, Dr. Mansi Mitra, Registrar(Academic), SSUHS & assist by Dr. Jolly Bhattacharyya, Asst. Prof. of Physiology, GMCH, Guwahati

Workshop on Uniform Implementation of Competency Based Curriculum Across the State of ASSAM: Opportunities and Challenges

A distinctive State- Level two days Workshop on “Uniform Implementation of Competency Based Medical Education Curriculum across the State of Assam: Opportunities and Challenges” was organized by the Srimanta Sankaradeva University of Health Sciences, Assam on 17th and 18th October, 2022 at the Assam Administrative Staff College, Guwahati.

At the backdrop of curricular change in the of the MBBS UG course in the Country, SSUHS has promulgated on uniform routine and lesson plan across all the Medical Colleges of the State so that same classes are held on the same day all across and there is uniformity in teaching and assessments. In view of the apparent unpreparedness among the implementers in comprehending the curricular changes, limited training opportunities and many other related factor, it was a felt need to appraise the stakeholders and to bring them on board to a common platform to discuss the uniform implementation of the CBME across all Medical Colleges in the State in a thread bare manner. The Workshop provided a medium to the Principals, Head of the Departments, Medical Education Unit Coordinators, Curriculum Committee Members and Members of Regional Centre to express their views, concerns, opinion, challenges and opportunity faced and to provide suggestions and share their experience on the implementation of the Curriculum in their respective Colleges.

The two days conclave was inaugurated by the Hon’ble Minister of Health and Family Welfare, Assam, Sjt. Keshab Mahanta in presence of Hon’ble Vice Chancellor Professor Dhruba Jyoti Borah, Dr Siddharth Singh, IAS, Commissioner and Secretary, Medical Education and Research Department, Government of Assam, Professor Anup Kumar Barman, DME, Assam, Resource persons, Principals of all Medical Colleges and myriad of faculty members.



Lamp lighting ceremony by Sri. Keshab Mahanta, Hon’ble Minister of Health and Family Welfare, Assam

Hon'ble Vice Chancellor delivered the welcome address and described the purpose of the meeting while the other dignitaries also emphasized on the need for providing quality education to the students. Dr Sujit Bordhan, Registrar SSUHS, proposed the vote of thanks.

To provide deeper insights of CBME and its components and implementation thereof, to the esteemed gathering, two Resource persons of National and International repute were invited. Professor Dinesh Badyal from Cristian Medical College, Ludhiana and Professor Chetna Desai from B J Medical College along with faculties from NMC Regional Centre- Jorhat Medical College deliberated on various issues like capacity building for implementation of new curriculum, Skills training and Assessment, Electives, Clerkship Program, Time table in CBME in addition to Workshops on Self-directed learning and Assessment.



Professor Dinesh Badyal



Professor Chetna Desai

The Principals of all the Colleges shared their experiences on shouldering the responsibility of implementation of new curriculum amidst the countless challenges and also offered solution to the issues faced. Few students were also given the opportunity to express their thoughts and experiences. The workshop was attended by nearly 217 participants who actively participated in the discussions. Their concerns were allayed by the resource persons to a great extent.

Over all, this workshop was the need of the hour for a reality check to all the stakeholders who are involved in the implementation of academics in the Colleges across the State. This novel workshop was pertinent in bringing everyone in the State on board in fulfilling the National Goal of creating the Indian Medical Graduate who would be the “Physician of First Contact” for the Community. This task is immensely grave in nature and this workshop was successful in translating the message that quality of medical education and thereby the quality of graduates in Assam will chiefly depend of capacity building of the faculties, inter and intra departmental coordination, roles to be played by the Medical Education Units and the Curriculum Committee members in its implementation and monitoring and the overall proactive role of SSUHS.

Workshop on Undergraduate Competency Based Medical Education organized by SSUHS in collaboration with NAMS, New Delhi

A state level workshop on Under Graduate Competency Based Medical Education “UGCBMC” was organized by Srimanta Sankaradeva University of Health Sciences, Assam in collaboration with the National Academy of Medical Sciences, New Delhi, on 7th of December 2022, at Hotel Gateway Grandeur, GS Road, Guwahati. The workshop was aimed to discuss the status of the implementation of the UGCBMC in the affiliated medical colleges of the university, analyze the gaps and strategize the road ahead for its effective execution.



Lamp lighting ceremony by Prof. N.N. Burman, Former Principal, Gauhati Medical College, Guwahati

Workshop was inaugurated by Prof N.N. Burman former Principal, Gauhati Medical College in Presence of, Prof. D. J. Borah, Vice Chancellor, SSUHS, Prof A.C. Baishya, Principal, GMCH, Prof. Faruqueddin Ahmed, Convenor of NAMS for North East States, Dr Sujit Bordhan, Registrar, SSUHS, Prof Karabi Baruah, Controller of Examination, SSUHS, Prof. R.C.Brahma, Registrar (Academic), SSUHS, Prof Marami Dutta, OSD, SSUHS, Prof Mangala Lahkar, OSD, SSUHS, Prof Purnima Baruah, Convener, RC, NMC, MET, JMC, Jorhat, Prof Yookarin Konglah, Coordinator, RC, NEIGHRMS, Shillong, Prof Forhad Akhtar Ahmed, Coordinator MEU, AIIMS, Guwahati, Dr Anju L Saikia, Co- coordinator MEU, AMC, Dibrugarh.

The total number of participants in the workshops were 43 including 5 resource faculties and 5 students. Breakup are as follows:

Resource faculty =5 Nominated faculties =33. AMC=3, SMC=3, Diphu Medical College =3,

Dhubri Medical College =4, FAAMC=3, GMC=3, LMC =3, TMC=3, JMC=3 Nos. SSUHS=5, Nominated Students=5 Nos; (GMC=3, LMC=2

The resource faculty for the workshop was identified from among the faculties of AIIMS, Guwahati, Regional Center NMC, MET, JMC, Jorhat, NEIGHRMS, Shillong, SSUHS and Medical Colleges of Assam. A “WhatsApp” platform was created for virtual interaction for setting up the objectives and outline the detailed process for conducting the workshop. Principals of all the medical colleges of the state of Assam were requested to nominate three faculties from their Institutions who are competent and preferably member of Medical Education Unit or one coordinator each from phase 1, phase 2 and phase 3 to discuss the status of the “Competence Based Curriculum” in their respective colleges.

Objectives identified for faculty:

Critically appraise the implementation of the various components Foundation course (FC), Early Clinical Exposure (ECE), Integration and Alignment, Student-Doctor Program, AETCOM, Formative Assessment, Providing effective feedback to students,

Conducting Remedial measures, Village adoption program of CBME Curriculum in their respective Colleges. Analyze the strength, weaknesses, opportunities, and threats (SWOT) of implementing CBME in their Colleges, Share the innovations in teaching and assessment and discuss the scope of replication of the best practice. Discuss and provide solutions for effective implementation of assessment for learning (Formative assessment), Logbooks, and reflective writing assessment. Appraise their colleges' existing research methodology program and its utility in helping the students undertake any research activity and publish their findings or help in learning activities.

Objectives identified for students:

Foundation Course (FC): Benefits of FC as perceived by the students and how can it be improved?

Early Clinical Exposure (ECE): What is good about the program? Are the students benefited from ECE? What could make it better? Students' perspective on teaching-learning methodologies: Large group teaching versus small group teaching, Assessment & Feedback, Techniques of assessment used in their institutions, Importance of feedback on assessment Electives: How are electives going to help shape their career in the future? How prepared are they for taking ELECTIVES in their learning schedule?

Brainstorming session:

The nominated faculties from the nine medical colleges of the state were divided into three groups to discuss all five objectives, bring out the implementation status, and suggest remedial measures. One Resource faculty was designated for each group to assist with the discussion. The students formed another group to discuss the topics identified. A resource faculty was provided to assist the students during the discussion. Two sessions of two hours each were dedicated to brainstorming. The groups identified the issues (challenges/obstacles/concerns) and suggested remedial measures for each issue. Students also shared their views on implementing CBME in their Institutions.

Later both faculty and students, presented their observations and put forward the remedial measures. After threadbare discussion by all the members under the guidance of the resource person, the major constraints identified and the suggested remedial measures are listed below.

Way forward suggested by the participants:

- Devising comprehensive, integrated teaching module keeping phase- specific continuity and linkage of the program.
- Introduce the suggested monitoring system and make the formative assessment an integral part of the teaching-learning session.
- Continued concurrent training program for all categories of the teacher.
- A follow-up central workshop after 6 months to review the progress and mid-course correction.

Proposal put forth by the SSUHS for Implementations :

Regarding remedial measures for students failing in internal assessment guidelines were formulated and instructions issued to all the Principal of Medical Colleges of the state to follow the instructions. For students failing in University Examinations, concerned department have to arrange for remedial measures before the students appear in the supplementary exams which shall be conducted as per NMC guidelines.

Skill teaching : Skill lab in each medical college is mandatory for teaching skills to the students. Competencies certified have to taught by application of innovation and availability of local resources, which has to be recorded in log book and signed by the teachers teaching the skills.

Mass Bunking : Strict monitoring of the attendance for the students eligibility to appear in the university examination as per NMC norms to be followed (75% for theory & 80 % for practical) However to make student friendly curriculum, SSUHS has proposed Academic Holiday during major festivals of the state.

Central Assessment Program (CAP) coding system to be followed where the answer script will be dispersed to the different colleges where the faculty can examined and do scrutiny at the respective colleges under the supervision of academic committee of the respective medical college headed by Principal/ Vice Principal, so that academic activities of the colleges are not hampered due to faculty crunch during the examination and scrutiny period.



Prof. Faruqueddin Ahmed, Convenor of NAMS for North East States delivering his lecture

Affiliated Institutes Under SSUHS

Govt. Institutes:

I. Allopathy:

1. Assam Medical College, Dibrugarh
2. Gauhati Medical College, Guwahati
3. Silchar Medical College, Ghungoor, Silchar
4. Jorhat Medical College, Jorhat
5. F.A.A. Medical College, Barpeta
6. Tezpur Medical College, Bihaguri, Tezpur
7. Diphu Medical College, Diphu
8. Lakhimpur Medical College, Lakhimpur
9. Dhubri Medical College, Dhubri
10. Nalbari Medical College, Nalbari
11. Nagaon Medical College, Nagaon
12. Kokrajhar Medical College, Kokrajhar

I. Dental

1. Regional Dental College, Guwahati
2. Govt. Dental College, Silchar
3. Govt. Dental College, Dibrugarh

III. Homeopathy:

1. S.J.N. Homoeopathic Medical College, Panjabari, Guwahati

IV. Ayurvedic:

1. Govt. Ayurvedic College, Jalukbari, Guwahati

V. Nursing:

1. Regional College of Nursing, Bhangagarh, Guwahati
2. B. Sc. Nursing College, Dibrugarh
3. B. Sc. Nursing College, Ghungoor, Silchar

VI. Pharmacy:

1. Institute of Pharmacy, Gauhati Medical College, Guwahati
2. Institute of Pharmacy, Assam Medical College, Dibrugarh
3. Institute of Pharmacy, Silchar Medical College, Silchar

VII. Paramedical Sciences:

1. Institute of Paramedical Sciences, Guwahati
2. Institute of Paramedical Sciences, Dibrugarh
3. Institute of Paramedical Sciences, Silchar
4. Institute of Paramedical Sciences, Jorhat
5. Institute of Paramedical Sciences, Barpeta.
6. Institute of Paramedical Sciences, Tezpur

Private. Institutes :

I. Nursing:

1. Assam Oil College of Nursing, Indian Oil Corporation, Assam Oil Division, Digboi
2. Army Institute of Nursing, 151 Base Hospital, Basistha, Guwahati
3. Arya Nursing College, Niz Sundarighopa, Chowkigate, Changsari
4. Asian Institute of Nursing Education, Ganeshguri, Guwahati
5. Sankar Madhab College of Nursing, (down town Charity Trust), Dispur, Guwahati
6. CPMS College of Nursing, (Purbanchal Educational Welfare Society)
7. Hayat Institute of Nursing Education, Kamal Tower, Near Bharat Gas Agency, Ninth Mile, Amerigog, Guwahati.
8. Apollo College of Nursing, Dr. R.P. Road, Upasana Palace, Guwahati
9. Dispur Nursing Institute, House No.51, Near Basistha Mandir, Basistha, Guwahati
10. College of Nursing, NEMCARE Foundation, Mirza, Santipur, Assam
11. Jorhat Institute of Nursing, Kakojan, Sonari Gaon, Jorhat
12. Pratiksha College of Nursing, Hengrabari, Barbari, Guwahati
13. St. Martha Institute of Nursing (SVJ Foundation) Nabarun Path, Jatia Kahilipara Road, Guwahati.
14. Krishnaguru Adhyatmik Visvavidyalaya, Nasatra, Barpeta
15. Rahman Institute of Nursing, VIP Road, Sixmile, Guwahati

16. Brahmaputra College, Tetelia, Sonapur, Kamrup
17. NEPNI Group of Institutions, Block A: H/No.57, Idgah Road, Pakiza Nagar, Hatigaon, Guwahati
18. Amiya Bharali Nursing Institute, Khetri, Kamrup (M)-782403
19. B.B.C.I. Nursing Institute, Guwahati.
20. Rahman Institute of Nursing & Paramedical Sciences, Guwahati

II. Pharmacy:

1. HUDA Group of Institutions, P.O. Mowamari, Nagaon
2. Pratiksha Institute of Pharmaceutical Sciences, Guwahati
3. NEF College of Pharmacy, Lakhra Lalganesh Road, Saukuchi, Lakhra, Guwahati
4. Crescent Institute of Pharmacy, 29/Milanjyoti Path, Anupam Nagar, Hatigaon, Guwahati
5. NEPEDS College of Pharmaceutical Sciences, CID Bus Stop, Survey, Beltola, Guwahati
6. JB Institute of Pharmacy, Suncity Lane, Bagharbori, Ambari, Guwahati
7. NETES Institute of Pharmaceutical Sciences N.H:37, Mirza, Kamrup
8. ALLAMA TR College of Pharmacy, Ta'aleem City, Hasanpur, Srigouri, Badarpur, Karimganj
9. NEF College of Pharmaceutical Education & Research, Jail Road, Kolongpar, Nagaon
10. Regional College of Pharmaceutical Sciences, Guwahati
11. Assam Institute of Pharmacy, Jorhat
12. Ayush Institute of Pharmacy, Jorhat
13. Goalpara Pharmacy Institute, Udaynagar, P.O. Baladmari, Dist. Goalpara, Assam
14. School of Pharmaceutical Science & Technology under Minority Welfare Educational Society, Samaguri, Nagaon
15. Shifa Pharmacist Institute, Sree Durga Sarani, Bortertal, Meherpur, Silchar
16. Sikder College of Pharmacy under Hussain Educational Trust, Lakhipur, ambary, ward No.1, Dist. Goalpara

III. Allied Health Sciences:

1. JB College of Health Sciences, Bagharbori, Ambari, Guwahati
2. Sri Sankaradeva Nethralaya, Basistha Road, Guwahati
3. Institute of Paramedical & Management Technology, Dispur, Guwahati
4. Ridley College of Optometry, C/O. Chandraprabha Eye Hospital, K.K. Handique Path, Jorhat
5. Asian Institute of Paramedical Sciences, Opp. 10th APBN, Kahilipara, Guwahati
6. Dispur Paramedical & Nursing Institute, House No.51, Near Basistha Mandir, Basistha, Guwahati
7. Institute of Medical & Allied Health Sciences, (GNRC Ltd.) Guwahati
8. GEA National College, Udayachal Path, Christian Basti, (Near IGNOU, GMCH Road), Guwahati
9. Aditya Diagnostic & Hospital, Bordoloi Avenue, Jalan Nagar, Dibrugarh
10. NEPNI College of Allied Health Sciences Singimari, Alikash, Hajo, Kamrup, Assam
11. Hiteswar Saikia Paramedical College, PO: Gandhi Nagar, Nahargurihat (Tetelia) via Khetri, Kamrup (M) Assam
12. NEF College of Health Sciences, Lokhra Lalganesh Road, Saukuchi, Guwahati
13. PEWS College of Paramedical Sciences PEWS Group of Institutions, R.G. Baruah Road, Guwahati
14. Dr. B. Borooah Cancer Institute Gopinath Nagar, Guwahati
15. Assam Paramedical Institute, Jorhat
16. Regional College of Paramedical Health Sciences, Tepesia, Guwahati
17. College of Physiotherapy and Medical Sciences, Guwahati

Total No. of Govt. Institutes: 29

Total No. of Private Institutes: 53

Total : 82