

International Conference on

NURSING EDUCATION & PRACTICE

November 26-27, 2018 | Las Vegas, USA



Md Mahbubur Rahman

CowaterSogema International Inc., Bangladesh

Improve nurse and midwife education management system using NEMS tool

In Bangladesh, about 18,000 students are admitted every year into 322 nursing institutes and colleges. BNMC have system to keep all students' info into student's registration database. There is demand for digitalization of nursing education specially the examination management for improving record keeping. HRH project designed an electronic NEMS for better education management for Nursing Institutes in consultation with DGNM, BNMC and MOHFW. Key developmental steps were followed to develop the NEMS software. NEMS is mainly divided into seven modules- Faculty, Student, and Exam result, Library, Hostel, Laboratory and Inventory. The NEMS software will support continuously to track information of nurse-midwife that will be compatible with the BNMC database and PMIS software. Objectives of these initiatives to improve ICT

based nursing education management system with a phased introduction of web-based NEMS to nursing institutes under the MoHFW. The key approach of this paper will describe and share the methodological aspects with regard to database management, preparation of database reports, data security, privacy and queries, and network management. Keeping all the necessary requirements in mind, this web based NEMS has been designed and developed with the objective that the system is technically easy and fast to access on web with limited skills and interest. The software is mainly divided into seven dynamic modules- Faculty, Student, and Exam result, Library, Hostel, Laboratory and Inventory. This is the first kind of ICT based web intervention to replace the manual system at the institute level of nursing education sector.

Biography

Md Mahbubur Rahman has completed his MS in computer science from Dhaka University, Completed MBA in MIS from IBAIS University in Bangladesh. He worked as a consultant for different international organization for last 15 years. Presently, he worked as an IT Specialist at Human Resources for Health Project in Bangladesh funded by Global Affairs Canada. He worked for development of nursing sector for Directorate General of Nursing and Midwifery under the Ministry of Health and Family Welfare of Government of Bangladesh.

mahbub.mis.bd@gmail.com

Notes: