EFFECTIVENESS OF SDI SERVICE FOR MEDICAL PROFESSIONAL RELATING TO CENTRAL MEDICAL LIBRARY, NGMCTH, KOHALPUR

A thesis

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MASTER OF ARTS

in

LIBRARY AND INFORMATION SCIENCE

BY

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LETTER OF RECOMMENDATION

This thesis entitled "EFFECTIVENESS OF SDI SERVICE FOR MEDICAL PROFFESSIONAL RELATING TO CENTRAL MEDICAL LIBRARY, NGMCTH, KOHALPUR " has been prepared by Mr. Sangram Chaudhary under my supervision. I hereby recommend this thesis for examination by tl.e Thesis Committee as a partial fulfillment of the requirements for the Degree of MASTER OF ARTS in LIBRARY AND INFORMATION SCIENCE.

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Mr. Rudra prashad Dulal

Lecture

Thesis Supervisor

Date: August , 2009

LETTER OF ACCEPTANCE

We certify that this entitled "EFFECTIVENESS OF SDI SERVICE FOR MEDICAL PROFFESSIONAL RELATING TO CENTRAL MEDICAL LIBRARY, NGMCTH, KOHALPUR " submiited by Mr. Sangram Chaudhary to the Central Department of Library and Information science, Tribhuvan University in partial fulfillment of the requirements for the Degree of MASTER OF ARTS in LIBRARY AND INFORMATION SCIENCE has been found satisfactory in scope and quality. Therefore, we accept this thesis as a part of the said degree.

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External Examiner

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Thesis Supervisor

Date: August , 2009

DEDICATION

This is dedicated to my dearest parents **Mr. Dev Narayan Chaudhary and Mrs.Chandra Kumari Chaudhary** and all my respected gurus **Dr. Madhusudan Karki(HOD), Dr. Mohan Raj Pradhan, Mr. Rudra Prashad Dulal, Late Mrs. Leela Dahal, Mrs. Nirmala Shrestha, Mr. Bhim Dhoj Shrestha** and **Mr. Bishnu Pd. Aryal** for their precious love, blessing, cooperation , support and education to me.

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ABSTRACT

It is a research study entitled "**Effectiveness of SDI service for medical professionals relating to Central Medical library, NGMCTH, Kohalpur**". SDI service is a personalized current awareness service meant for an individual or a group of users having identical information needs to keep them abreast of the latest development in the field of their interest. The statement of problem is that effectiveness of SDI service of this library has not been studied to improve it. The objective of the study is to investigate the effectiveness of and to evaluate the SDI service system for medical professional relating to Central Medical Library, NGMCTH, Kohalpur where it has been carried out from 2065/3/10 to 2065/5/28. There are 10 reviews of literatures that discuss mechanism procedures, implementation, evaluation, refinement and development which are related to the study. It focuses the SDI service of the central medical library, NGMCTH, Kohalpur. The descriptive and survey methods have been used. 50 library users only faculty members and medical officers who are receiving manual SDI service are randomly selected and data are collected from questionnaire. The collected data have been analyzed qualitatively and illustrated in necessary tables, diagrams and chart forms for analysis. Out of total library users included, 23(46%), 10(20%), 8(16%) and 9(18%) visit the library regularly, Irregularly, frequently and sometimes. 15(30%) and 35(70%) visit the library with purpose of patient care and research, teaching, patient care, continuing education respectively. 38(76%) search information with help of library staffs and 12(24%) direct method .42(84%) responded that SDI service is major value and only 8 (16%) responded that it is moderate volume. Except 15 (30%) for patient care, 35(70%) take advantage of SDI service for research, teaching, patient care and continuous education. 18(36%) have received SDI service in time and 32(64%) have complained not received service in time. The frequency of SDI service provided to 12(24%), 21(42%), 5(10%) and 12(24%) is regularly, irregularly, frequently and sometimes respectively, All the users 50(100%) read the article if SDI citation is pertinent. 20(40%) have found many relevant articles and 30(60%) have found few relevant articles. 17(34%) satisfies with SDI service whereas 33(66%) show dissatisfaction to the service. Among 33 dissatisfaction users, 4(12.12%) are because of too many irrelevant articles and no description of topics which they had request, 12(36.36%%) are due to uncover adequately their research , Similarly

6(18.18%) are because of changing their topics and interesting in new topics , 3(9.1%)are due to overflow of many articles and like to topic narrowed and 8(24.24%) are because of no current information. 5 (10%) are much better informed, 14(28%) are somewhat better informed and 31(62%) are not better informed but certain of not missing anything important. All users 50(100%) desire to continue SDI service including the users who had considered the service to be moderate value. It is found that more library users visit the library regularly with purpose of research teaching patient care, and continuing education, it is major valuable service to them, they user it for research, teaching, patient care and continuing education purpose, receiving service more irregularly and sometimes than regularly and frequently, read the article if SDI citation is pertinent, least users are receiving service in time, finding relevant articles, satisfied and better informed and all users desire to continue the participation in this service. It is concluded that SDI system is an effective and a highly acceptable current awareness information service to keep up to date with current information related to library users' need. So far, the performance of providing SDI service to its users by the library is not satisfactory. It recommends warmly welcome library users, friendly behavior, responsibility of providing information service, building up useful collections , properly trained library staffs, knowledge of literature the library collects and needs of library users, ability to act as shrewed matchers between information sources and users, use of computer catalogue, ascertain accurately information needs of users, providing relevant and current information, feedback of users, constants evaluation of users profiles, use of e-journals sources such as HINARI, COCHRANGE, other medical databases, availability of pertinent cited articles, and continuity to provide SDI service to its users effectively and efficiently.

Keywords: - SDI service, Information services, Medical libraries,

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PREFACE

This research study is a partial fulfillment to the requirement of MASTER DEGREE OF LIBRARY AND INFORAMTION SCIENCE under the 9th paper of second year.

Medical library is an essential part in the professional life of all the health physicians. Indeed, "just as medicine will always be the keystone in the arch of service, medical library will always be the keystone in the arch of medical research and education. Journals and books have multiplied to keep pace with growth of knowledge. Consequently, medical libraries are of increasing importance in helping the members of the medical libraries to keep up to date. It is especially important that medical librarians to be able to provide current information through an adequate form of SDI, whether it be a manual or a computerized system. SDI service offers important option users for keeping current with information. This has always been particularly valued in health science where new or current information from medical literature is very important to health physicians for the purpose of research, teaching patient care, continuing education and others.

The study has been carried with two clear objectives viz. to investigate the effectiveness of and to evaluate the SDI service system provided to its user. It is hoped that the research will assist in the improvement of overall performance of SDI service to some extent in the library.

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Selective dissemination of information service
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SDI service

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LIST OF ACRONYMS

CAN/SDI	Canada's National Selective Dissemination of Information
CAS	Current Awareness Service
COMENDEX	Computerized Engineering Index
HINARI	Health Internetwork Access to Research to Initiatives
INDOC	Indian National Scientific Documentation Centre
MEDLINE	Medical Literature Analysis and Retrieval System
NGMCTH	Nepalgunj Medical College Teaching Hospital
NTC	National Informatics Centre
SDI	Selective Dissemination of Information
SDILINE	Selective dissemination of Information on Line