ADVANCED DIPLOMA
IN
HEALTH CARE INFORMATICS
AND
MANAGEMENT

DEPARTMENT OF ELECTRONICS
&
COMUNICATION ENGINEERING

TEZPUR UNIVERSITY

NAPAAM:TEZPUR: ASSAM
PIN: 784028

www.tezu.ernet.in

About the Program

In order to make the current Indian Higher Education System more relevant and career-oriented with focus on quality and excellence, UGC has started re-orienting and reshaping its programs and policies. It is envisaged that professionally qualified graduates with a sound knowledge of their core disciplines and expertise in a concerned skill will have more openings in service industry and self-employment sectors. Demand and scope for such professionally trained graduates are visible in the applied fields of almost all basic/core disciplines and faculties in the current changing global scenario and is likely to increase in the future.

Healthcare technologies have attracted the attention of researchers both in academia and industry in the last decade. It is projected that Healthcare is going to be very prominent service industry in the years to come. There has been an acute shortage of medical facilities in many developing countries, the worst hit being the remote rural population which is almost totally deprived of medical care. This alarming trend prompted the technologists and medical practitioners to come up with solutions where the information and communication technologies can be best utilized.

In order to meet the above goals, there is a strong need to come up with educational programs that addresses the healthcare related domain technologies. In India, the technology courses offered do not specifically cater to the healthcare related developments. It was therefore, perceived that there is a need for systematic and comprehensive training opportunities in the management of informatics in the healthcare sector for everybody involved in healthcare worldwide.

Objective

The Advanced Diploma in Healthcare Informatics and Management (ADHIM) aims to equip the students with competencies in health system informatics such as system integration, network administration and management. The curriculum promotes an interdisciplinary and comprehensive approach to issues related to health systems and provision of IT related health services. The course is designed to provide multiple opportunities to students to practice system administration skills and foster critical thinking about the issues to be addressed by them.

Placement Avenues

The health informatics professionals find ample employment opportunities in Hospitals, Private healthcare services, Drug stores and optical goods manufacturers, Health insurance companies, Medical equipment and drug wholesales, Pharmaceutical companies, Medical suppliers, Medical equipment

manufacturers, Health charities, Clinical research organizations.

Eligibility

The program is career and market-oriented, skill enhancing course introduced under "Career Oriented Program" of UGC. Students pursuing / completed conventional B.Sc. degrees (any discipline) in any recognized institute/college or equivalent are eligible to apply.

Course Fee

The course fee is Rs. 4000/- per semester.

Admission Procedure

Selection of candidates for admission into the program will be done on the basis of marks obtained in 10+2 i.e.(H.S.) .

Course Outline

Course Title	Cr
Semester I	
Introduction to Personal Computer	4
Essentials of Information and Communication Technology	4
Semester II	
Introduction to Database Design	4
Introduction to Computer Network	4
Semester III	
Introduction to Healthcare Informatics	4
Hospital and Clinical Information Systems	4

Legal, Ethical and Social issues in medical informatics	3
Semester IV	
Accounting and Financial Management in Healthcare	3
Medical and Electronic Health Records	4
Clinical Decision Support Systems and Knowledge management	4
Semester V	
Health Care Information System: Design, Implementation and Management	4
Risk and Disaster Management in Healthcare	3
Healthcare Technology: Assessment, Planning and Acquisition	3
Semester VI	
Major Project/ Internship	12

Intake: 20 (Twenty).

How to apply

Eligible candidates may apply in the prescribed format (available in the Tezpur University website *www.tezu.ernet.in*.) along with copies of relevant testimonials and an application fee of Rs. 500/-(Rs. 250/- for SC/ST) in the form of Demand Draft payable to Registrar, Tezpur University at Tezpur. Completed application is to be sent to:

Head,
Dept. of Electronics & Commn Engg
Tezpur University
PO: Napaam, Tezpur, ASSAM
PIN: 784028.

Important dates:

- *Issue of Application form: 01- 07-14*

- *Last date of submission: 18- 08-2014*

- *List of Selected Candidates: 25-08-14*

- *Date of admission: 29-08-14*

- *Classes start: 01-09-14*

Contact person

Prof. J. C. Datta
Prof. & Head
Dept. of ECE, Tezpur University.
E-mail:jitend@tezu.ernet.in
Phone: 9954449462

TEZPUR UNIVERSITY
Tezpur – 784028, Assam

APPLICATION FORM
(For UGC approved Career Oriented Advanced Diploma in Health Care Informatics and Management)
For admission to Autumn Semester 2014
To be submitted to the Head, Department of Electronics & Communication Engineering, Tezpur University on or before 18-**08-2014**

Details of Demand Draft: DD No………………… Date……………. Amount……… Bank……...

1	Name in Full (Block Letters)							
2	Name of the College (where you are studying/ last attended)							
3	Present status of your study (tick in the appropriate box)	B. Sc 1st year		B. Sc 2nd year		B. Sc 3rd year		B. Sc completed
4	Category	OBC(NCL)	SC	ST		Others		
5	Religion		6	Nationality				
7	State of Domicile		8	Gender	Male		Female	
9	Date of Birth (DD/MM/YYYY)							
10	a) Father's/Husband's/Guardian's Name							
	b) Mother's Name							
11	Guardian's Phone Number							
12	Address for Correspondence: PIN: Mobile No. E-mail:	13. Permanent Address:						
14	Educational Qualification							

Exam	Board/ University	Year of Passing	Class/ Grade/ Division	Subject Taken	% of Marks/ Grade	Remarks
HSLC (10TH)						
HS(10+2)						

I declare that the information given above is true and complete to the best of my knowledge. If any of the above information is found to be incorrect, my admission shall be liable to be cancelled.

Date: Signature of the candidate

The college has no objection if Mr./ Ms. ………………………………………of class ……………bearing Roll No…………. is enrolled for the course.

Signature of College Principal /Head of Institute with Seal