

# MOHAMMAD MASUD HASAN

ASSISTANT PROFESSOR  
DEPT OF CSE  
BANGLADESH UNIVERSITY OF  
ENGINEERING & TECHNOLOGY (BUET)  
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## EDUCATION

DEGREE	INSTITUTION	MARKS/ CGPA	CLASS/ GRADE	PERCENTAGE MARKS/POSITION	YEAR
<b>M.Sc</b> COMPUTER SCIENCE & ENGG.	Bangladesh University of Engineering & Technology	3.83 (SCALE 4.00)	First	Highest CGPA this year	August 2004
<b>B.Sc</b> COMPUTER SCIENCE & ENGG.	Bangladesh University of Engineering & Technology	3.91 (SCALE 4.00)	First	4 <sup>th</sup> (Out of 42 Graduating Student)	April 2002
<b>H.S.C</b>	Chittagong College	874	First*	87.4% (14 <sup>th</sup> in the Board Merit List)	1995
<b>S.S.C</b>	Chittagong Govt High School	876	First*	87.6% (16 <sup>th</sup> in the Board Merit List)	1993

## EXPERIENCES

- Serving as an Assistant Professor in Department of CSE, BUET, Dhaka since Mar 6, 2005.
- Was a Lecturer in Dept. of CSE, BUET from May, 2002 to Mar 5, 2005.
- Served as a guest lecturer in several private universities and in Military Institute of Science & Tech, Dhaka.
- Masters thesis on cellular encoded evolutionary artificial neural network under the supervision of Dr. Md. Monirul Islam.
- Undergraduate dissertation on association rule based (Apriori algorithm) text categorization using decision tree (C4.5 program) under the supervision of Dr. Chowdhury Mofizur Rahman.
- Project work: Automation of clearing & settlement of the Dhaka stock exchange, Developing student database management software, Study of the automation of News Processing system of the Daily Star news paper, Implementing OSI 7 layers on serial communication link etc.
- Former Member of Suhrawardy Hall (Student dorm) Computer society.

## HONORS & AWARDS

NAME OF SCHOLARSHIP	YEAR
All Merit Scholarship of BUET	1996-2002
All BUET Technical Scholarship	1996-2002
4 Times Deans List Scholarship of BUET	1996-2002
Awards from Prime Minister for both HSC & SSC	1995 & 1993

## **COURSES CONDUCTED**

- Undergraduate Theory Courses: Discrete Mathematics, Digital Logic Design, Digital Techniques.
- Undergraduate Labs: Database Programming, C/C++ & Java Programming, Digital Logic Design, Digital Electronics & Pulse Techniques, Computer Networks.

## **SKILLS IN COMPUTER**

- Platform: DOS, Win 9X/2000/XP, Linux, Win NT 4.0.
- Languages: C/C++, VC, Java, Struts, VB, Pascal, Assembly Language, Prolog Programming, SQL.
- Web Page design: Ms front Page, Flash5 etc.

## **LANGUAGES**

- Bengali
- English (GRE score 2010 [Verbal 550, Quantitative 770, Analytical 690], TOEFL score 233)

## **PUBLICATIONS**

1. Mohammad Masud Hasan, M. M. Islam and K. Murase, "A New Evolutionary System for Artificial Neural Networks using Permutation Problem Free Cellular Encoding", submitted to Recent Advances in Soft Computing, UK, Dec 2004.
2. Mohammad Masud Hasan, M. M. Islam and K. Murase, "A Permutation Problem Free Modified Cellular Encoding for Evolving Artificial Neural Networks", Int. Conf. on Intelligent Agents, Web Tech. and Internet Commerce (IAWTIC2004), 12-14 July 2004.
3. Mohammad Masud Hasan and Chowdhury Mofizur Rahman, "Text categorization using association rule based decision tree", Proc. of the 6th Int. Conf. on Computer and Information Technology (ICCIT2003), Dhaka, Bangladesh
4. M. Abul Kashem, Mohammad Masud Hasan and Sheikh M. Nazrul Alam, "Optimal  $c$ -vertex ranking of weighted trees", Proc. of the 3rd Int. Conf. on Computer and Information Technology (ICCIT2000), pp. 154-157, Dhaka, Bangladesh.

## **RESEARCH INTEREST**

General area of Artificial Intelligence and Neural Network, Bio-informatics, Data Mining, Computer Networks.

## **CAREER GOAL**

To be a successful academician.

## **PERSONAL INFORMATION**

- FATHER'S NAME: Mohammad Shamsul Islam
- MOTHER'S NAME: Rokeya Begum
- CONTACT ADDRESS: Lecturer, Dept. of CSE, BUET, Dhaka-1000, Bangladesh.
- PERMANENT ADDRESS: Vill: Barkal, P.O: Islamabad, P.S: Chandanaish, Dist: Chittagong
- DATE OF BIRTH: May 08, 1978
- NATIONALITY: Bangladeshi by Birth
- SEX: Male

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