



Department of Computer Science and Engineering  
Khulna University of Engineering & Technology  
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**Dr. K. M. Azharul Hasan**  
Professor

**Research Area** In the areas of Big Data Technologies and High Performance Computing.

## Biography

Welcome and thank you for taking time to visit my website. I am Dr. K. M. Azharul Hasan, professor Department of [Computer Science and Engineering \(CSE\)](#), [Khulna University of Engineering & Technology \(KUET\)](#), Khulna, Bangladesh where I was the head of the department during November 2011- November 2013. Currently, I was also the Dean of the faculty [Electrical and Electronic Engineering](#), KUET. KUET is one of the high ranked leading public universities of Bangladesh giving special emphasis in the engineering and technological education and research. CSE is one of the leading engineering departments of KUET and has a countrywide and global reputation for its dynamic teaching and learning environment, research capabilities, orientation with the industries and excellent graduate records.

I completed my BSc. Eng. From Khulna University, Bangladesh (in 1999) where I stood first among all the students of all the disciplines of that batch and I was awarded the university gold medal by the chancellor at the 2<sup>nd</sup> convocation. I completed my M. Eng. from [Asian Institute of Technology \(AIT\)](#), Thailand in 2002 and PhD from [University of Fukui](#) in 2006 respectively. My PhD research was in extendible and flexible data warehouse design for dynamic data.

Currently I am working on Big Data technologies and Natural Language Processing. I like to continue my career as an academician especially for teaching, research and academic curricula development.

I am open to make research collaboration in my research field.

## Education

### Doctor of Engineering (D. Engg.)

- In System Design Engineering. (Information Science) from [University of Fukui](#), Japan in 2006.
- Supervisor Prof Tatsuo Tsuji,
- Thesis title "A New Implementation of Relational Tables for Multidimensional databases"

### Master of Engineering (M. Engg.)

- In Computer Science and Information management (CSIM) from [Asian Institute of Technology \(AIT\)](#), Thailand in 2002.
- Supervisor Prof. D. N. Batanov
- Thesis title "Measuring Cohesion and Coupling for High Quality Object Oriented Software Development"

### Bachelor of Science in Engineering (B. Sc. Engg.)

- In Computer Science and Engineering (CSE) from [Khulna University](#), Khulna, Bangladesh in 1999.
- Awarded **University gold medal**.

## Service Records

- **Professor**, Department of Computer Science and Engineering (CSE), Khulna University of Engineering & Technology (KUET), Since July 28, 2011 to Till

## Research Interest

### In the areas of Big Data Technologies and High Performance Computing.

Big Data Engineering  
Query Processing and Optimization  
Language Processing and Text Mining  
High Performance Computing  
Tensor Computations and Applications

### Current Research Project

Building a Finite State Transducer for Stemming Bangla Words

### Associate Editor

Journal of King Saud University - Computer and Information Sciences , [ScienceDirect](#).

## Publication

**Books**

**Journals**

**Conference**