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**Mehanuma Tabassum Omar**
Assistant Professor
**Research Area**

## Biography

KUET

## Education

**Bachelor of Science in Engeneering**
Khulna University of Engineering & Technology, Khulna-9203,Bangladesh(2008-2012-2012)Achievement:Dean List Gold Medal
**Higher Secondary Certificate**
Dhaka city College,Bangladesh(2007)Group: Science,
**Secondary School Certificate**
Monipur High School,Bangladesh(2005)Group: Science,

## Research Interest

## Publication

**Books**

**Journals**

**Conference**

8. Omar,M. T. and Hasan,K. M. A. (6-9 Dec. 2016 ) , " A Scalable Storage System for Structured Data Based on Higher Order Index Array," ***3rd IEEE/ACM International Conference on Big Data Computing, Applications and Technologies*** , IEEE, pp.247-252

7. Omar,M. T. and Hasan,K. M. A. (16-18 December, 2016) , "Towards An Efficient Maintenance of Address Space Overflow for Array Based Storage System," ***17th International Conference on Parallel and Distributed Computing, Applications and Technologies (PDCAT-16)*** , IEEE

6. Khandaker,A. I. , ,, Omar,M. T. , Gope,M. and Shill,P. C. (13-14 May, 2016) , "Optimizing fuzzy neural network controller based on NSGA-II," ***5th International Conference on Informatics, Electronics and Vision (ICIEV)*** , IEEE, pp.460-465

5. Shaikh,M. A. H. ,Omar,M. T. and Hasan,K. A. (10-12 Dec. 2015 ) , "Efficient Index Computation for Array Based Structured Data ," ***2nd Electrical Information and Communication Technology (EICT)*** , IEEE, pp.101-105

4. Omar,M. T. , ,, Gope,M. , Khandaker,A. I. and Shill,a. P. C. (10-12 Dec. 2015 ) , "Multi objective non-dominated sorting genetic algorithm (NSGA-II) for optimizing fuzzy rule base system," ***2nd International Conference on Electrical Information and Communication Technologies (EICT)*** , IEEE, pp.83-88

3. Gope,M. ,omar,M. T. and Shill,P. C. ( 26-27 July 2016 ) , "Optimization of Fuzzy Neural Network Using Multiobjective NSGA-II," ***Computer and Communication Engineering (ICCCE)*** , IEEE, pp.300 - 305

2. Omar,M. T. ,Hasan,K. M. A. and Ahsan,S. M. M. (13-14 May 2016) , " An efficient chunk based record encoding scheme for higher dimensional arrays," ***5th International Conference on Informatics, Electronics and Vision (ICIEV)*** , IEEE, pp.418-422

1. Hasan,K. M. A. , Omar,M. T. , Ahsan,S. M. M. and Nahar,a. N. (19-21 December) , "Chunking Implementation of Extendible Array to Handle Address Space Overflow for Large Multidimensional Data Sets," ***1st International Conference on Electrical Information and Communication Technologies (EICT)*** , IEEE, pp.110-114