

Department Name: Computer Science and Engineering



1. **Name of Faculty:** Mrs. Medha A. Shah
2. **Date of Joining:**01/04/2003
3. **Designation:** Asst. Professor CSE Department, WCE Sangli.
4. **Qualification:** Ph.D. (Computer Science and Engineering)
5. **Type of Appointment:** Regular
6. **Degree/Diploma:** Degree
7. **Email Id:** medha.shah@walchandsangli.ac.in
8. **Contact Number:** 9423872296
9. **Research Area:** High Performance Computing, Cloud computing, Network
10. **Number of Publications:**

Conference		Journal	
National	International	National	International
1	10	Nil	3

11. **Sponsored Projects:**

Sr. No.	Name of	Sponsoring	Grant	Status
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	Project	Agency		(Ongoing/completed)
1	Design and Development of Content-Based Routing Protocol for Mobile Adhoc Network	AICTE	3.50 Lakhs	Completed in the year 2008

12. Biosketch (150 Words max.)

Education:-

2019 Ph.D. (CSE) specializing in High Performance Computing at the Shivaji University, Kolhapur

2008 M.E (CSE) at Walchand College of Engineering, Sangli.

1997 B.E (CSE) at Walchand College of Engineering, Sangli.

Publications:

Book Chapter:

1. Application Development and Cost Analysis for Content Based Publish Subscribe Model in Mobile Environment
Book: Advances in Computer Science, Engineering & Applications
Pages: 579-588
Publisher: Springer, Berlin, Heidelberg
2. Multi-GPU Approach for Development of Parallel and Scalable Pub-Sub System
Book: Computing, Communication and Signal Processing
Pages: 471-478
Publisher: Springer, Singapore

Selected papers presented at Conferences

1. [Storm Pub-Sub: High Performance, Scalable Content Based Event Matching System Using Storm](#)

Authors :Medha A Shah, Dinesh Kulkarni

Publication date :2015

Conference: IPDPS Workshop

Pages :585-590

Publisher :Parallel and Distributed Processing Symposium Workshop (IPDPSW), 2015 IEEE International

2. Design and development of high performance, scalable content based publish subscribe system: doctoral symposium

Authors :Medha A Shah, Dinesh Kulkarni

Published in:

[DEBS '16](#) Proceedings of the 10th ACM International Conference on Distributed and Event-based Systems, Pages 406-409 Irvine, California — June 20 - 24, 2016

[ACM](#) New York, NY, USA ©2016

3. Presented Research paper at Oslo University, Norway at Doctoral Symposium event at 9th DEBS ACM Conference
4. Presented Research paper at IIT , Mumbai at Doctoral Symposium event at 8th DEBS ACM Conference

Grants

1. Received AICTE Grant under RPS scheme in the year 2008.
2. Received Travel Grant of Rs. 1,40000 from ACM for attending international conference at Oslo, Norway in the year 2015
3. Received Travel Grant of RS. 3500 from IEEE for attending IPDPS 2015 at Hyderabad
4. Received Travel Grant from IUCEE for attending Woman symposium pursuing Ph.D at Hyderabad in the year 2013
5. Received TEQIP Grant of Rs. 17000/- for completion of course on Parallel computing offered by Purdue University
6. Received Travel Grant of Rs. 4000- for attending 8th ACM DEBS event at IIT Mumbai
7. Received Travel Grant of Rs. 3500/- from ACM for attending IRISS event at GOA in the year 2015

Responsibilities

1. Working as staff advisor of WCE ACM Student Chapter from the year 2014
2. Working as PACUG (Academic coordinator) from last 6 years.
3. Working as convener of Research Symposium on computing event

from last 3 years.

4. Working as Head of IPR cell at WCE Sangli
5. Working as a committee member of IET for smart transportation domain

Courses Taught

1. Parallel Computing
2. Distributed and Cloud Computing
3. Internet and Web Programming
4. Programming in C

Professional Membership

1. IET
2. ACM
3. ISTE

Achievements

1. Received Best paper presentation award at 8th ACM DEBS conference at IIT Mumbai.
2. Completed course in Parallel Computing offered by Purdue University through Purdue Next
3. Selected and Presented papers at University of California Irvine and Oslo University, Norway
4. Successfully organized research symposium on computing in the year 2016 and 2017,2018
5. Filed one patent with UG students in the agricultural domain
6. Successfully organized Hackathon 2018, Hackathon 2019 at WCE Sangli