

## Registration Form

1.	Name	
2.	Qualification	
3.	Designation	
4.	Teaching Experience	
5.	Institution	
6.	Address for Correspondence	
7.	Mobile No.	
8.	E-mail ID	
9.	Accommodation Required(YES/NO)	

Date: Signature of the Candidate

### Declaration

I hereby declare that Mr/Ms/Dr.....  
.....is an employee  
of this organization and he/she is permitted to  
attend the conference.

Date:

Signature of the  
Sponsoring authority with Date  
And office seal

Chief Patron  
Prof. R.Sayanna  
Vice Chancellor

Patron  
Prof. K. Purushotham  
Registrar

Director  
Dr. B. Rama,  
Head, Dept of Computer Science

Co-Ordinator  
Mr. D. Ramesh  
Assistant Professor

### ADVISORY COMMITTEE

- Prof. DVLN Somayajulu, NIT, Warangal
- Prof. R B V Subramanyam, NIT, Warangal
- Prof. Prem Chand, Osmania University
- Prof. A. Govardhan, JNTU, Hyderabad
- Prof. P. Krishna Reddy, IIT, Hyderabad
- Prof. T. Sudha, SPMVV, Tirupati

### Organizing Committee

Dr. B. Manjula  
BOS, Chairperson

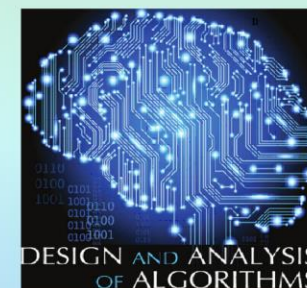
Mr. M. Venugopal Reddy  
Assistant Professor

Mrs. Ch. Neelima  
Academic consultant  
Mr. V. Venkateshwarlu  
Academic consultant

UGC Sponsored



## 2 Day National Workshop On Design and Analysis of Algorithms (29<sup>th</sup> & 30<sup>th</sup> December, 2017)



Organized by  
DEPARTMENT OF COMPUTER SCIENCE  
KAKATIYA UNIVERSITY  
WARANGAL – 506009  
Telangana State  
Phone No: 0870-2461462  
www.kakatiya.ac.in



## ABOUT THE UNIVERSITY

Kakatiya University was established in 19th August, 1976 to fulfill the aspirations of the Telangana people for higher education. The University was initially accredited with A grade. The University situated in a sprawling area of about 650 acres. The University is vibrant with research activities carrying out the projects sponsored by various funding agencies. It has a spacious Central Library with a rich collection books and research journals. Our university crossed the milestone of thirty one years and is poised to achieve greater academic excellence with dedication and commitment in the years to come. The artistic beauty of the temples with excellent sculpture of unique style, wild life sanctuaries, and the tanks with sparkling waters reflect nature's beauty and provide fabulous fete to the tourists.

## ABOUT THE DEPARTMENT OF COMPUTER SCIENCE

Kakatiya University started MCA programme with the assistance from UGC in 1993. In 2001 a full-fledged Department of Computer Science was formed. In the year 2013 Department of Informatics was renamed as “Department of computer Science”. The department has its own placement cell and several multinational companies visited the department for selecting candidates. The Department is updating the syllabus keeping in view the latest trends in the IT industry. Teaching faculty members of the department are well experienced. Department encourage students to go beyond the classroom and learn on the basis research and applications.

## Objective

- To bring together researchers, developers and academicians from academia and industry working in the areas of computer science and its allied fields.
- To create awareness among the faculty members regarding the Analysis of Algorithms.
- To learn good principles of algorithm design.
- Learn how to apply theoretical knowledge in practice.
- To become familiar with fundamental data structures and with the manner in which these data structures can best be implemented.
- This platform seeks how different algorithms are designed and helps the participants to take on the next challenging.

## Topics Covered:

- Divide and Conquer
- Dynamic Programming
- Greedy Approach
- Algorithm Analysis  
(Searching & Sorting, Bound, P, NP, NP-Complete Overview, Polynomials, FFT Approach, Arithmetic functions)
- String Matching
- Graph Algorithms

## REGISTRATION:

Applicants should fill the enclosed registration form and forward the same to the address given below on or before 23<sup>rd</sup> December, 2017.

## REGISTRATION FEE

Industrial participants	Rs. 1200
Academicians	Rs. 800
Ph.D. Scholars & PG Students	Rs. 600

Participants can register by sending the registration form along with Demand Draft drawn in favour of Head, Department of Computer Science, payable at Warangal.

## ACCOMMODATION

Accommodation will be provided at university guest house on payment basis subject to the availability.

## Mailing Address

rama.abbidi@gmail.com

Mobile No: +91 9849579453

## Address for Correspondence

Dr. B. Rama

Director

Or

Mr. D. Ramesh

Co-Ordinator

Department of Computer Science  
Kakatiya University  
Warangal – 506009 (TS)