

Aruna Govada

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Areas Of Interest :

Distributed Computing , Parallel Computing, Cloud Computing , Distributed Data Mining , Machine Learning , Distributed Algorithms .

Education:

Pursuing PhD(CSE) , Title: Distributed data analysis and storage for astronomical data.

At BITS-Pilani, K.K. Birla Goa Campus .

M.Tech(CSE) from Pondicherry Central University , Pondy . July 99- Dec '00

B.Tech(CSE) from Bapatla Engineering College, Bapatla, NU. July 1995-March 99

Intermediate from LAG.Jr.College , Board Of Intermediate 1993-95

X class from LAG High School , Board of Secondary Education 1992-93

Work Experience:

Present Employer : BITS-PILANI , GOA CAMPUS

Faculty in Computer Science & Information Systems .

From : June '08 to Till Date

Job Profile: Teaching and Research

Previous experience:

S.No	Institution	From	To	Profile	Designation
1.	Sasi Institute Of Technology and Engineering, Tadepalligudem ,AP	June '06	June '08	Teaching & Head Of the Department	Associate professor
2.	BVC Institute Of Technology and Science , Amalapuram, AP	June '05	June '06	Teaching & Head Of the Department	Associate professor
3.	Raghu Engineering College Visakhapatnam Dt., AP	June '04	May '05	Teaching & Placement Training	Assistant Professor
4.	Sir.CRR College Of Engineering , Eluru, AP	Feb '02	Nov '03	Teaching	Lecturer

Subjects Taught (Semester wise) :

2008-09 I Sem : Computer Programming-II , Artificial Intelligence

2008-09 II Sem : Computer Programming-II , Parallel Computing

2009-10 I Sem : CP-II, Data Processing

2009-10 II Sem: On Leave

2010-11 I Sem : Computer Programming-I , Computer Programming-II

2010-11 II Sem : Database Systems , Computer Programming-I

2011-12 I Sem : Computer Programming , Data Mining

2011-12 II Sem : Computer Programming , Database Systems & Applications

2012-13 I Sem : Data Processing , OOPS

2012-13 II Sem : DBS ,DBS,CP

2013-14 I Sem : DataMining , WILP DataMining

Subjects Taught in Previous Colleges :

1. Parallel Programming 2.Advanced Unix Programming 3.Design and Analysis of Algorithms 4.Data warehousing and Mining 5. Artificial Intelligence 6.C and Numerical methods 7. Operating Systems 8. Operations Research 9. Theory Of Computation

B.Tech Projects Guided :

1. Analysis of sorting techniques by Parallel Programming Techniques under PVM technology , Sandeep, Rajesh 2008
2. Commands for IPC in UNIX Programming . Ashitosh , Kiran 2009
- 3.Case-Based Reasoning Techniques , Akella Mahesh 2009
- 4.BITS – Salary Application Package , Divya Malika , Neha Rawat ,Vamsi Kiran,Praveen Kumar Reddy 2009
- 5.IPC Commands under UNIX , Ashitosh,Kiran 2009
- 6.Principal Component Analysis using Java Agent Development Programming , 2010
- 7.Principal Component Analysis for vertical partition data using JADE , Priyesh ,Aman, Nishanth , Ritendra 2011
- 8.Decision Tree Construction using HADOOP Priyesh Srivastava , Rounak Agarwal ,2012
- 9.Distributed Data Mining Framework for Astronomical Data Analysis under HADOOP , Prashanth , 2012

M.Tech Thesis guided :

- #1. Decision Tree Construction under distributed environment for large scientific applications using DDM toolkit , Omkar Godbole , 2011.

Research Progress :

1. A paper is communicated on Distributed Principal Component Analysis .
2. Participated in “Hadoop Workshop” on Feb 22 ,2012 at IUCAA ,Pune.
- 4.Participated “Advanced Scool on graph Algorithms at BITS-Pilani ,K,K,Birla Goa Campus during July 23-27 2012.
- 4.Participated in “International workshop on Big Data Analytics at BITS-Pilani ,K,K,Birla Goa Campus during March 2013 .

Invited talks :

Participated in International Virtual Observatory Alliance Interoperability meeting and given a talk on “Distributed data mining in accessing data from astronomical catalogues” held at IUCAA Pune during Oct 17-21 , 2011.

<http://wiki.ivoa.net/internal/IVOA/InterOpOct2011KDD/pt-voi.pdf>

Conferences / Publications :

Presented a paper title “An efficient distributed data mining fro Astronomical Data in International Conference of FIM on IMSCT 2012 - FIM XXI December 15 -17 ‘2012 .

Awards:

College first award in Physics in Intermediate 1994

Personal Details :

DOB	:	27,May 1978
Husband’s Name	:	Sekhar Garikimukku
Children	:	Two daughters (7 years old , 3 years old)
Nationality	:	Indian
Permanent Address	:	THAMMALAMPADU (vill) Dosapadu(post),Pedaparupudi(MD) Krishna Dt. 521321, AP
Present Address	:	Quarters – E 83 , BITS-PILANI GOA Campus, Zuari Nagar , GOA – 403726.