

PROFILE

Name : Dr.R.RENUGA

Designation : Upgraded HOD/Lecturer (SG)

Highest Qualification : Ph.D

Email : renuga.r@citspc.edu.in
renugacit@yahoo.co.in

Title of the Ph.D Thesis : Certain Investigations on Grid based Information Retrieval Mechanisms

Area of Specialization : Grid Computing, Distributed Systems

Qualification	Branch	Year of Passing	Name of the School/College
UG	B.E. Instrumentation & Control Engg.	1988	Bharathiar University
PG	M.E Computer Science and Engineering	2007	Anna University , Chennai
Ph.D	Grid Computing	2011	Anna university of Technology, Coimbatore

Total Experience

Teaching - 21 years

Research - 10 years

Awards /Achievements : UG project titled “ Digital Simulation “ won best project award from Director of Technical Education, Tamilnadu.

International Journal Publications :

- “Data Discovery in Grid using content based searching technique”, Information Technology Journal, Volume 8(1), pg.71-76 , ISSN 1812-5638, 2009.

- **“P2P Information Retrieval Framework for Digital Library System “,**Journal of Applied and Theoretical Information Technology . Vol 5. No. 3 pg. 301-306, ISSN 1992-8615, 2009.
- **“Semantic Search Using Content Based Search Technique with Spread Activation Technique” ,** Journal of recent trends in engineering, Volume 1, ISSN 1787-9617, 2009.
- **“Semantic Search using Conceptual Graphs” ,** International Journal on Computer Science and Engineering Systems, Vol 3 ,No.3 ISSN 0973-4406, 2009.
- **“Distributed page ranking using broadcaster and iterator”,** International Journal of Engineering and Technology, 2009.
- **“An efficient distributed brain image classification via PSO and SVM”,** International Journal of Scientific and Engineering Research,2014.
- **“Approximate String Search in Large Spatial Databases”,**Journal of Computer Science(Elsevier),2015.

International Conference Publications :

- **“Distributed page Ranking”,** International Conference (HPCNC2010) AT Sastra University, Tanjavore, January 2010.
- **“Semantic Search Using Content Based Search Technique with Spread Activation Technique “,**International Joint Journal Engineering Conference 2009 (IJJCE 2009) The Association of Computer, Electronics and Electrical Engineers (ACEEE) , Trivandram , March 2009.
- **“ Data Discovery in Data grid using graph based semantic indexing Technique “,** International Conference on Semantic Web Services (ICSW 2009) KL College of Engineering , Vijayawada , Andhra Pradesh , January 2009
- **“Semantic Search – A new way to search “ ,** International Conference WORLDCOMP '08 , Semantic Web and Web Services (SWWS08) World Congress in Computer science, on, Las Vegas, USA. , July 2008.
- **“Distributed page Ranking”,** International Conference(HPCNC2010) AT Sastra University,Tanjavore, January 2010.
- **“File Converter: AVI to 3GP using Hadoop Map Reduce Framework” ,** International Conference on Advanced Computing , Networking and Security (ADCONS 2011), NIT Surathkal , December 2011.

- **“An efficient distributed brain image classification via PSO and SVM”, International Conference on Advances in Computing , Communication and Information Sciences.(ACCIS14), TKM College of Engineering, Kollam June 2014.**
- **“Approximate String Search in Large Spatial Databases”, International Conference on Graph Algorithms, High Performance Implementation and Applications(ICGHIA14)”, CIT, Coimbatore, December 2014.**

National Conference Publications :

- **Presented a paper on “ File Converter : AVI to 3GP using Hadoop Map Reduce Framework “ at IBM Centennial Colloquium & IBM Collaborative Academia Research Exchange (I-CARE) 2011 ,October 13, 2011 ,New Delhi.**
- **“Semantic Search using Conceptual Graphs” , National Conference on Signal, Systems and Communications (NCSSC 2008), organized by Department of ECE, Anna University, Chennai, May 2008.**
- **“Information Retrieval using efficient Semantic Search “ , National Conference on Advanced Telecommunications and Technology (NCATT 2008) organized by Department of ECE at KLN College of Engineering, Sivaganga, March 2008.**
- **“Scalable content based information Retrieval System “ , National Conference on Advanced Computing and Applications (NCACA 2008) organized by Department of CSE, PSG College of Technology , Coimbatore , January 2008.**
- **“Stochastic Scheduling based on predicted variances for Linux Clusters”, NCVIT’07,GCT,Coimbatore , March 2007.**
- **“Natural Language Processing” , National Conference of Advanced Computing , PSG College of technology, 1991.**

Grants Received :

S.No	Name of Funding Agency	Name of The Project	Grants Received (Rs)	Year
1	Funding Agency: AICTE	Scheme: TAPTEC Project Title: Multimedia System Development Centre	Rs.12 Lakhs	1998

		Position: Co-Investigator		
--	--	----------------------------------	--	--

**Workshop/Seminar/
Conference Participated** : 15

**Workshop/Seminar /Conference
Organized** : 15

Invited Talks/Lectures :

S.No	Name of The Organization	Topic	Year
1	PSG College of Technology,	Lecture on “Bioinformatics & Distributed Computing”	Feb 2008.
2	PSG College of Technology,	Lecture on “Introduction to grid computing and grid based searching techniques”	Nov 2008.
3	PSG College of Technology,	Lecture on “Open Grid Service Architecture”	July 2009.
4	SriRamaKrishna College of Engineering	Lecture on “Emerging Trends in Grid Computing”	Jan 2012
5	Info Institute of Engineering	Lecture on “ Pervasive Computing”	2013
6	KPR Institute of Technology	Lecture on “Research Challenges in Grid Computing”	2014
7	PSG College of Technology	Lecture on “ Information Retrieval”	2014

Professional Society : (Membership/Activities)

S.No	Name of The Professional Society	Membership Details/Status
1	Indian Society of Technical Education” (ISTE)	Life Member

