

National Institute of Technology, Tiruchirappalli

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Curriculum Vitae



Brief Profile:

Dr. (Mrs.) S.Sangeetha has obtained her Undergraduate degree in B.Sc. (Computer Science) from Avinashilingam University, Coimbatore, Postgraduate degree in M.C.A from the Bharathidasan University, Tiruchirappalli and Ph.D. from National Institute of Technology, Tiruchirappalli.

She is working as Assistant Professor in the Department of Computer Applications, National Institute of Technology, Tiruchirappalli, Tamil Nadu, India from 2007 onwards with a great passion towards teaching and continuous learning. Feedback from students makes enthusiastic progress in her teaching career.

She started her research career in 2008 and her field of research includes Information Extraction and Natural Language processing. She has published papers in International conferences and International Journals. She is a member of Computer Society of India and Indian Society for Technical Education.

1. **Name** : Dr. (Mrs.) S.Sangeetha
2. **Designation** : Assistant professor
3. **Office Address** : Department of Computer Applications,
National Institute of Technology, Tiruchirappalli
4. **Telephone** : 0431-2503743
Mobile : 9442601978
5. **Email (Primary)** : sangeetha@nitt.edu
6. **Field(s) of Specialization** : Information Extraction

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7. Employment Profile

Job Title	Employer	From	To
Trainee	LMW- GKDITR- Coimbatore	Jan 2001	May 2001
Lecturer	J.J. College of Engineering and Technology	Aug 2001	May 2007
Assistant Professor	National Institute of Technology, Trichy	Jun 2007	Till date

8. Academic Qualifications (From Highest Degree to High School):

Examination	Board / University	Year	Division/ Grade	Subjects
Ph.D.	National Institute of Technology, Trichy	2013	-	Event Detection and Extraction
M.Phil.	Manomaniam Sundaranar University	2003	First Class	Computer Science
M.C.A	Bharathidasan University, Trichy	2000	First Class	Computer Applications
B.Sc.	Avinashilingam University, Coimbatore	1997	First Class	Computer Science
HSC	St. Mary's GHSS, Kotagiri, Nilgiris	1994	First Class	Maths, Physics, Chemistry, Biology
SSLC	St. Mary's GHSS, Kotagiri, Nilgiris	1992	First Class	Maths, Science, Language

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9. Academic/Administrative Responsibilities within the University

Position	Faculty/Department/Centre/Institution	From	To
Staff Advisor, VERSION, MCA Student's Technical Symposium	CA Department	2015	Till date
Member – FIST Proposal Preparation Committee	Department	2015	
Member – M.Sc.(CS) Curriculum Development Committee	Department	2013 - 2014	
Member – SAR Preparation Committee	Department	2013 - 2014	
Chairperson – Performance Analysis Committee	Department	2010, 2012, 2015, 2016	
Purchase Initiator of the committee to purchase PG & Research Lab equipment	Department	2014 - 2016	
Department Library In-charge	Department	2007	2009
Member – Committee for NBA Accreditation Process	Department	2008	
Member – Academic Reforms Committee	Institute	2015	
Member– Information Processing Lab	Department	2014	Till date
Member – Stock Verification Committee	Institute	2009,2011,2012, 2014, 2016	
Member – Admission Committee	Department	2008	2016
Member – Convocation Committee	Institute	2008	2015
Member – Community Radio	Institute	Nov 2016	Till date

10. Academic/Administrative Responsibilities outside the University

Position	Institution	From	To
Doctoral Committee Member	Periyar Maniammai university	2015	
Setting Question Paper	<ul style="list-style-type: none"> ➤ Bharthidasan University ➤ Coimbatore Institute of Technology(CIT) 	2015-16	

11. Awards, Associateships etc.

Year of Award	Name of the Award	Awarding Organization
2010	Best Paper Award	Amrita University, Coimbatore

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12. Details of Academic Work

(i) Curriculum Development

M.Tech Data Analytics – Natural Language Computing

(ii) Courses taught at Postgraduate and Undergraduate levels

- Under Graduate:
 - Basics of Programming
 - C++ and UNIX
- Post Graduate
 - Problem Solving and Programming
 - Object Oriented Programming
 - Operating Systems
 - Web Technology
 - Computer Networks
 - Data Structures
 - Advanced Databases
 - Data Structures Lab
 - OS and Networks Lab

(iii) Projects guided at Postgraduate level

M.C.A and M.Sc. (CS) Final year projects - 8/Year

(iv) Other contribution(s)

- **Reviewed papers for**
 - Swarm and Evolutionary Computation
 - Journal of Big Data
- **Pedagogy Course development**
 - Co-developer of a course FUNDAMENTALS OF COMPUTERS & PROGRAMMING under MHRD sponsored National Mission Project on “Developing suitable Pedagogical methods for various classes, intellectual calibres and e-learning”.
- **Live In-house Project**
 - Guided a team of students in developing In-House Project titled “Recruitment portal for Special Recruitment Drive for physically challenged -2015”
- **Judge for Paper presentation events in Student’s Symposium**
- **Staff Advisor for MCA girl students**
- Organized an Industrial lecture titled “**IOT Insights- Smart city and connected vehicle**” by Mr.Prasan Dutt, Product Lead- Embedded Platform, Vajra Infotech, Hyderabad on 20th August 2016 for the participants of VERSION 2016.
- Member of organizing committee for the workshop on “ **Research issues and Challenges in Social Network computing**” on 04.05.2012

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13. Number of PhDs guided: Presently guiding 4 students

14. Participation in Workshops/ Symposia/ Conferences/ Colloquia /Seminars/ Schools etc. (mentioning the role)

Date (s)	Title of Activity	Level of Event	Role	Event Organized by	Venue
16-18 Dec 2009	International Conference on Emerging Trends in Engineering and Technology	International Conference	Paper presenter	G.H.Raisoni College	Nagpur
16-17 Sep 2010	Proceedings of the 1st Amrita ACM-W Celebration on Women in Computing in India	International Conference	Paper presenter	Amrita University	Coimbatore
22-23 Oct 2012	3 rd International conference on Advanced Topics in Artificial Intelligence ATAI 2012	International Conference	Paper presenter	Global Science and Technology Forum	Singapore
26-28 Oct 2012	International workshop on Natural Language Processing NLP 2012	International Conference	Paper presenter	Avinashilingam University	Coimbatore
26,27 Oct 2007	Workshop on Software Quality	National	Participant	ACCENTURE & NIT-Trichy	Trichy
15-17 Nov 2007	Workshop on Soft Computing	National	Participant	NIT-Trichy	Trichy
19 Nov – 3 Dec 2007	Workshop on Linux Administration	National	Participant	NIT-Trichy	Trichy

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14-15 Mar 2008	Work shop on Data Analytics and Data Mining	National	Participant	NIT-Trichy	Trichy
14-15 May 2008	Workshop on Internet Technologies and Tools	National	Participant	NIT-Trichy	Trichy
7-12 July 2008	Instructional Design and Delivery System	National	Participant	National Institute of Technical Teachers' Training and Research	Chennai
6-7 Oct 2008	Workshop on Thesis preparation using LaTeX Software	National	Participant	NIT-Trichy	Trichy
12 Dec 2008	Workshop on Web services Architectures and Applications,	National	Participant	NIT-Trichy	Trichy
21 Jun - 3 Jul 2010	AICTE-MHRD sponsored SDP on Recent Researches in Fuzzy logic and Neural Networks	National	Participant	NIT-Trichy	Trichy
29 Jan 2015	Train the trainer Programme on TCS ION Learning exchange	National	Participant	TCS & NIT-Trichy	Trichy
27 April- 30 May 2015	Introduction to Design of Algorithms	National	Participant	IIT – Kharagpur & NIT-Trichy	NIT Trichy
8-10 Sep 2016	International Conference on Research in Engineering, Computers and Technology	International Conference	Session chair	NIT-Trichy	Trichy

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20-21 March 2015	National Conference on Big Data and Cloud computing	National Conference	Session chair	NIT-Trichy	Trichy
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15. Workshops/ Symposia/ Conferences/ Colloquia/Seminars Organized (as Chairman/ Organizing Secretary/ Convenor / Co-Convenor)

Title of Activity	Level of Event (International/ National/ local)	Date (s)	Role	Venue
SDP on Data Warehousing and Data Mining	National	25 th May - 6 th June 2009	Coordinator	NIT Trichy
Workshop on Tools and Techniques for Information Processing Research	Local	11 th and 12 th September 2015	Coordinator	NIT Trichy
Workshop on Data Science Research	National	3 rd -5 th November 2016	Coordinator	NIT Trichy

16. Invited Talks delivered

Topic	Date	Organization
Text Data Processing using Python	11.9.2015	NIT-T
Text Data Processing & NLP	12.9.2015	NIT-T

17. Membership of Learned Societies

Type of Membership (Ordinary Member/ Honorary Member / Life Member)	Organization	Membership No. with date
Life Member	ISTE	LM 37449
Life Member	CSI	01126915

18. Academic Foreign Visits

Country	Duration of Visit	Programme
Singapore	20-24, Oct 2012	Presented a Paper in 3 rd International conference on Advanced Topics in Artificial Intelligence

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19. Publications

(A) Refereed Research Journals:

Author(s)	Title of Paper	Journal	Volume (No.)	Page numbers	Year	Impact Factor of the Journal (SJR)
S.Sangeetha, R.S.Thakur, Michael Arock	Domain Independent Event Extraction System Using Text Meaning Representation Adopted for Semantic Web	International Journal of Computer Information Systems and Industrial Management Applications, MIR Labs USA	2	252-261	2010	
Sangeetha, S., Thakur, R.S. and Arock, M.	Event Detection using Trigger Chain	International Journal of Knowledge Engineering and Data Mining	2(1)	76–88	2012	
Sangeetha, S. and Arock, M.	Recognizing sentence similarity using similitude and Dissimilarity features	International Journal of Advanced Intelligence Paradigms, <i>Scopus Indexed</i>	4(2)	120–131	2012	0.38
Sangeetha, S. and Arock, M.	Event extraction from corefering mentions to enrich Semantic web metadata	International Journal of Advanced Intelligence Paradigms, <i>Scopus Indexed</i>	6(2)	95–112	2014	0.38
Sangeetha, S. and Arock, M.	Event coreference resolution using particle swarm optimization	International Journal of Knowledge Engineering and Soft Data Paradigms	4(3)	261–271	2014	

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(B) Conferences/Workshops/Symposia Proceedings

Author(s)	Title of Abstract/ Paper	Title of the Proceedings	Page numbers	Conference Theme	Venue	Year
S.Sangeetha, R.S.Thakur, Michael Arock	Framework for the Extraction of Clausal Mention Movement Events from the Text using its Meaning Representation	Proc. of International Conference on Emerging Trends in Engineering and Technology, <i>IEEE CS</i>	844-847	Emerging Trends in Engineering and Technology	Nagpur	2009
S.Sangeetha, R.S.Thakur, Michael Arock	Event Detection using Lexical chain	Proc. of 7 th International conference on Natural Language Processing, <i>Springer LNCS</i>	314-319	Natural Language Processing	Iceland	2010
S.Sangeetha, Michael Arock, R.S.Thakur	Event Mention Detection using Rough set and Semantic Similarity	Proc. of 1st Amrita ACM-W Celebration on Women in Computing in India, <i>ACM</i>	no.62	Women in Computing in India	Coimbatore	2010
Sangeetha. S Michael Arock	Event Detection within Text documents using MaxEnt Classification	Proc. of 3 rd International conference on Advanced Topics in Artificial Intelligence ATAI 2012	1-5	Advanced Topics in Artificial Intelligence	Singapore	2012
Sangeetha.S, Michael Arock	Event Coreference Resolution using Mincut based Graph clustering	Proc. of International workshop on Natural Language Processing	253-260	Natural Language Processing	Coimbatore	2012