

National Institute of Technology, Tiruchirappalli: Performa for CV of Faculty/ Staff Members

Curriculum Vitae



Brief Profile: 1-2 paragraphs (not exceeding 500 words)

1. Name : Dr. E. Sivasankar
2. Designation : Assistant Professor
3. Office Address : Room No-202-A,
CSE Department,
NIT, Tiruchirappalli.
4. Telephone (Direct) (Optional):
Telephone : 0431-2503213
Extn (Optional) :
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5. Email (Primary) : sivasankar@nitt.edu Email (Secondary) :
6. Field(s) of Specialization:
7. Employment Profile

Job Title	Employer	From	To
Assistant Professor	National Institute of Technology, Tiruchirappalli	May 3,2007	Till Date
Senior Lecturer & System Manager	Mepco Schlenk Engineering College, Sivakasi.	Aug 2006	April 2007
Lecturer	Mepco Schlenk Engineering College, Sivakasi.	Aug. 2000	Aug 2006
Lecturer	Raja College of Engineering & Technology, Madurai	Nov'98	Aug. 2000

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

Examination	Board / University	Year	Division/ Grade	Subjects
Ph.D	Manonmaniam Sundaranar University	2012		Computer Science &Engineering
M.Tech	Manonmaniam Sundaranar University	2006	First Class with Distinction	Computer Science & IT
B.E	Madurai Kamaraj University	1998	First Class	Computer Science &Engineering

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9. Academic/Administrative Responsibilities within the University -

Position	Faculty/Department/Centre/Institution	From	To
Member	Computer Support Group	2012	2015
Member	M.S & Ph.D Admission committee, CSE Department	2012	2016
Member	M.Tech/B.Tech project review committee	2008	2015

10. Academic/Administrative Responsibilities outside the University -NIL

11. Awards, Associateships etc -NIL

12. Fellowships - NIL

13. Details of Academic Work

(i) Curriculum Development

Developed curriculum for the courses Database Management and Systems, Data warehousing and Data mining, Advanced DBMS Lab

(ii) Courses taught at Postgraduate and Undergraduate levels

UG courses - Database Management and Systems

Computer Organization

Data warehousing and Data mining

Basics of Programming

DBMS Lab

ADBMS Lab

(iii) Projects guided at Postgraduate level –Guided more than 20 projects for PG students in the domain Data Analytics.

(iv) Other contribution(s)

14. Details of Major R&D Projects -NIL

Title of Project	Funding Agency	Duration		Status
		From	To	Ongoing/ Completed

15. Number of PhDs guided: Currently guiding three PhD Scholars

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

Date (s)	Title of Activity	Level of Event	Role (Participant/ Speaker/ Chairperson,	Event Organized by	Venue

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		(International/ National/ Local)	Paper presenter, Any other)		

17. 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
Two - Week ISTE workshop on Database Management Systems	National	21 st to 31 st May, 2013	Convenor	NIT Tiruchirappalli
TEQIP Sponsored One week Workshop on Data Analytics concepts and Techniques for Business Intelligence	National	8 th to 13 th August, 2016.	Convenor	NIT Tiruchirappalli

18. Invited Talks delivered

Topic	Date	Inviting Organization

19. Membership of Learned Societies

Type of Membership (Ordinary Member/ Honorary Member / Life Member)	Organization	Membership No. with date

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20. Academic Foreign Visits

Country	Duration of Visit	Programme
Indonesia	April 14 -17. 2014	To present a paper in ICT-EurAsia 2014
HongKong	January 11-13,2012	To present a paper in the IEEE International Conference on Computing, Communications and Applications

21. Publications

(A) Refereed Research Journals:

Author(s)	Title of Paper	Journal	Volume (No.)	Page numbers	Year	Impact Factor of the Journal (Optional)
E.Sivasankar, R.S.Rajesh and S.R.Venkateswaran	Diagnosing Appendicitis Using Back propagation Neural Network and Bayesian Based Classifier	International Journal of Computer Theory and Engineering	1	358-363	2009	0.8 (2010) 3.8 (2015)
E.Sivasankar, R.S.Rajesh and S.R.Venkateswaran	Implementation of Support vector machines for Classification of Clinical Datasets	International Journal of Information Acquisition, World Scientific Publishing Company	7	347-356	2010	0.8 (2010) 3.8 (2015)
E.Sivasankar and R.S.Rajesh	Feature Selection using Genetic Algorithm for Classification of Clinical data	CiiT International Journal of <i>Data Mining and Knowledge Engineering</i>	3	656-662	2011	0.621
E.Sivasankar, R.S.Rajesh and S.R.Venkateswaran	Appendicitis diagnosis system using fuzzy logic- and neural network-based	International Journal of Medical Engineering and	3	337 – 350	2011	

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	classifier	Informatics				
E. Sivasankar, H. Sridhar, V. Balakrishnan, K. Ashwin, R. S. Rajesh	Comparison of Dimensionality Reduction Techniques Using a Backpropagation Neural Network Based Classifier	International Journal of Information Acquisition, World Scientific Publishing Company	8	161-169	2011	
E. Sivasankar, Siva Brahmasani, Subramanian Selvakumar	Prevention of XSS attacks using STCD: server side tagging and client side differentiation	ACM SIGSOFT Software Engineering Notes	6	1-9	2012	
E. Sivasankar, Siva Brahmasani	Two level verification for detection of DNS rebinding attacks	International Journal of Systems Assurance Engineering and Management	4	138-145	2013	
Muhunthaadithya C, Rohit J.V, Sadhana Kesavan, Dr. E. Sivasankar	Topic Modelling: Clustering of Deep Webpages	Computer Science & Information Technology (CS & IT)		19 -27	2015	

(B) Conferences/Workshops/Symposia Proceedings

Author(s)	Title of Abstract/ Paper	Title of the Proceedings	Page numbers	Conference Theme	Venue	Year
E.Sivasankar and R.S.Rajesh	Knowledge Discovery in Medical Datasets Using a Fuzzy Logic rule based Classifier	2 nd IEEE International Conference on Electronic Computer Technology (ICECT 2010)	208-213		Kuala Lumpur	2010
E.Sivasankar and R.S.Rajesh	Design and development of a clinical decision	IEEE International Conference on Computing,	316-321	Current advancements in computing and	HongKong	2012

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	support system for diagnosing appendicitis	Communications and Applications		communication such as Mobile, Pervasive computing and future trends in real-time applications		
P. Vignesh Raja and E. Sivasankar	Modern Framework for Distributed Healthcare Data Analytics Based on Hadoop	ICT-EurAsia 2014	348-355	Latest research results in the field of information & communications technologies	Indonesia	2014
M. Sridevi, C. Mala, E. Sivasankar, Ilsun You	Optimized Multilevel Threshold Selection Using Evolutionary Computing	17 th International Conference on Network-Based Information System (NBiS 2014)	149-156	Latest research in home networks with numerous "smart" appliances to enterprise networks, core networks, and application-level networks	Italy	2014
B. Nithya, C. Mala, E. Sivasankar	A Novel Cross Layer Approach to Enhance QoS Performance in Multihop Adhoc Networks	17 th International Conference on Network-Based Information System (NBiS 2014)	229-236	Latest research in home networks with numerous "smart" appliances to enterprise networks, core networks, and application-level networks	Italy	2014
V. Srikrishnan, E. Sivasankar, R. Pitchiah	A Log Data Analytics based Scheduling in Open Source Cloud Software	International Conference on Parallel, Distributed and Grid Computing	390-395	Advanced scientific and technological information in hardware, software and theoretical foundation in parallel,	Delhi	2014

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				distributed and grid computing		
A.V. Ramya, E. Sivasankar	Distributed pattern matching and document analysis in big data using Hadoop MapReduce model	International Conference on Parallel, Distributed and Grid Computing	312-317	Advanced scientific and technological information in hardware, software and theoretical foundation in parallel, distributed and grid computing	Delhi	2014
V. Srikrishnan, E. Sivasankar, R. Pitchiah	A Performance Comparison of Scheduling Distributed Mining in Cloud	First International Conference on Networks & Soft Computing	375-379	Advanced Scientific & Technological Information in the areas such as Networks, Soft computing Techniques, Data Mining, Text Mining, Web Mining, Natural language Processing, Image Processing and Speech processing	Andhra Pradesh	2014
V. Srikrishnan, E. Sivasankar	Collating Performance of Repository built with HDFS and GridFS	Second International Conference on Business Analytics and Intelligence				2014
P. Vignesh Raja, E. Sivasankar, R. Pitchiah	Framework for Smart Health: Toward Connected Data from Big Data	Advances in Intelligent Systems and Computing	421-433	Latest research in engineering, natural sciences, computer and information science, ICT, economics, business, e-commerce, environment,	NIT Durgapur	2015

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				healthcare, life science		
C. Selvi , Chakshu Ahuja, E. Sivasankar	A Comparative Study of Feature Selection and Machine Learning Methods for Sentiment Classification on Movie Data Set Intelligent Computing and Applications	Advances in Intelligent Systems and Computing	367-379	Latest research in engineering, natural sciences, computer and information science, ICT, economics, business, e-commerce, environment, healthcare, life science	NIT Durgapur	2015
S. Mahalakshmi, E. Sivasankar	Cross Domain Sentiment Analysis Using different Machine Learning Techniques	Fifth International Conference on Fuzzy and Neuro Computing (FANCCO-2015)	63-75	Latest cutting edge research made in the areas of Fuzzy Computing, Neuro Computing and hybrid Neuro-Fuzzy Computing	Hyderabad	2015

(C) Books & Monographs -NIL

Author(s)	Title of Book/Monograph	Name of Publishers	Year of Publication	ISSN/ISBN Number