



BALAJI SUBRAMANI

RESIDENTIAL ADDRESS :

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EDUCATION

2010 – 12	M.Tech. Information Technology - 71.00% (First class) K.S.R College of Technology (Autonomous), Tiruchengode Anna University of Technology, Coimbatore
2005 – 09	B.E. Computer Science and Engineering - 73.00% (First class) Sengunthar Engineering College, Tiruchengode Anna University, Chennai.
2003 – 05	HSC - State Board - 62.08% (First class) Vidhyaa Vikas Higher Secondary School, Tiruchengode
2002 – 03	SSLC - State Board - 84.08 % (First class) Vidhyaa Vikas Higher Secondary School, Tiruchengode

EMPLOYMENT

S. No.	Period		Organization / Institution	Position Held
	From	To		
1.	02.09.2022	Till date	Sri Shanmugha College of Engineering and Technology	Assistant Professor
2.	22.06.2016	26.07.2021	Mahendra Engineering College	Assistant Professor
3.	22.06.2015	20.05.2016	Akshaya College of Engineering & Technology, Coimbatore	Assistant Professor
4.	03.07.2013	30.05.2015	V.S.B Engineering College, Karur	Assistant Professor
5.	07.06.2012	29.06.2013	Sengunthar Engineering College, Tiruchengode	Assistant Professor

ACCOLADES AND MEMBERSHIP

- Consistently having First class in academics
- Presented a paper at IEEE 3rd International Conference on Machine Learning and Computing (ICMLC 2011) held at **Singapore**
- Published three papers at IEEE Xplore in which 2 papers were indexed in Scopus
- Citations: 31 and H-index Value: 4
- Membership
 - Life time Membership in IAENG (M- 124122)
 - Life time Membership in ACM CSTA (M-4571705)
 - Life time Membership in IACSIT
 - Life time Membership in ISTE

EVENTS ORGANIZED

S. No.	Academic Year	Name of the Event	Type of the Event	No. of Days & Duration
1.	2017-2018	IEEE Conference on Emerging Devices and Smart Systems(ICEDSS2018)	Conference	2 days on 02nd and 3rd March 2018
2.	2016-2017	IEEE Conference on Emerging Devices and Smart Systems(ICEDSS2017)	Conference	2 days on 3rd & 4th March 2017
3.		FDP on “Creative Thinking” at Mahendra Engineering College	FDP	2 days on 15th & 16th Dec 2016

Details of Seminar/Workshops/Training Organized

S.No.	Academic Year	Name of the Event	Type of the Event	No. of Days & Duration
1.	2017-2018	IEEE-Preconference Tutorials on Technologies for smart cities	Workshop	1 day (02.03.2018)
2.		Salesforce Trailhead Students Beginners Workshop	Workshop	2 Days on 18 th Sep 2017 and 19 th Sep 2017
3.		Salesforce Trailhead Business Administrative Specialist	Workshop	4 Days on 09 th Jan 2018 to 12 th Jan 2018
4.		New India Student Championship - 2018	Online Contest	24 hours 02 nd Feb 2018 to 03 rd Feb 2018
5.	2016-2017	Emerging Devices and Smart Systems	Seminar	1 day (03.03.2017)

Details of lectures delivered in FDP/FDLP/Workshop/Seminar/Guest Lecture

S. No.	Academic Year	Name of the Event	Type of the Event	Duration	Topic of Presentation	Place of Program
1	2017-2018	InDel	Seminar	1 hr. 08 th Dec 2017	Raspberry Pi	Mahendra Engineering College, Namakkal
2	2016-2017	InDel	Seminar	1 hr. 02 nd Jan 2017	Artificial Intelligence (Past-Present-Future)	Mahendra Engineering College, Namakkal
3		TASKS	Seminar	1 hr. 24 th Jan 2017	Google-I am feeling lucky	Mahendra Engineering College, Namakkal
4		ISTE Faculty Chapter	Speech Competition	0.5 Day 26 th Aug 2016	Speech Competition	Mahendra Engineering College, Namakkal

Details of MAILS Organized

S. No.	Academic Year	Name of the Event	Type of the Event	Duration	Topic of Presentation	Place of Program
1	2016-2017	MAILS	Guest Lecture	0.5 Day 16 th Aug 2016	Projects of Google	Mahendra Engineering College, Namakkal

PAPERS PUBLISHED AND PRESENTED**Publications Summary**

Total Publications	:	33
Books	:	1
International Journal	:	8
International Seminar/conference	:	10
National Seminar/conference	:	11

H-index URL:

<https://scholar.google.com/citations?user=ex1gG5YAAAAJ&hl=en&oi=ao>

RESEARCH INTERESTS

- Robot Process Automation
- AI&ML
- Internet of Things
- Data Mining

PROFESSIONAL ACTIVITIES AND AFFILIATIONS

- Member in **IAENG** (International Association for Engineers), Hongkong – Membership number:124122
- Member in **ACM CSTA**(Computer Science Teachers Association), Newyork, Membership number: 4571705
- Member in **IACSIT** (International Association of Computer Science and Information Technology), Singapore
- Member of **Association Team in i-Trenders-2009** conducted by Sengunthar Engineering College, Tiruchengode
- Acted as Editor in **CAVE** magazine released by K.S.R College of Technology, Tiruchengode

PROJECTS DONE

- **E-Pharmacy**
Area – Data Mining
- **Attendance Management System**
Area – Database Management Systems
- **Signet-Web Information Retrieval**
Area – Web Mining

LIST OF PUBLICATIONS

(a) Books

1. **Mr.S.Balaji, Dr.S.Sasikala, Mr.S.Balaji, Simplified Handbook for Database Management System**, ISBN: 978-93-80800-07-3,Teachers Publishing House

(b) Articles in Journals

1. “Social Networking: Following Ambiguous Consequences on Teenage Anatomy Resolving Aspects of Interruption During Sleep”, Indian Journal of Public Health Research & Development, February 2018, Vol.9, No. 2
2. “Mining Structural Traits of Hyperlinks to Combat Spamdexing”, International Journal of Engineering Science Invention (IJESI), Volume 7 Issue 2, Feb – 18, PP.01-11
3. “Td-Signet: Community Mining With Wsd Based On Implied Graph Structure In Social Networks”, International Journal of Engineering

- Science and Technology (ISSN: 0975–5462), Vol. 3 No. 6 June 2011, pp:4588-4595
4. "Signet: Web Information Retrieval with NE Disambiguation based on HMM and CRF," International Journal of Machine Learning and Computing vol. 2, no. 4, pp. 443-445, Aug 2012, Available at : <http://www.ijmlc.org/papers/163-C01244-001.pdf>
 5. "Deriving User Access Patterns and Mining Web Community with Web-Log Data for predicting User Sessions with PAJEK", International Journal of Soft Computing, ICTACT, Government of Tamilnadu, Dec 2012
 6. "Taxi Drivers Intelligence Based Time Dependent Routing For Smart Driving ", International Journal of Research in Information Technology (ISSN:2001-5569), Vol. 2 Issue. 2 Feb 2014, pp:57-63
 7. "Host-Based Intrusion Detection and Attack Graph Selection in VNS", International Journal Of Computer Science And Mobile Computing, (ISSN:2320-088X), Vol. 3 Issue. 5 May 2014, pp:83-88
 8. "Enhancing the Efficiency of Secure and Distributed Reprogramming Protocol for Wireless Sensor Network", International Conference On Global Innovations In Computing Technology (ICGICT'14), ISSN(Online): 2320-9801, ISSN (Print): 2320-9798, Vol.2, Special Issue 1, March 2014, pp:735-740
 9. "Symptom's Based Diseases Prediction In Medical System By Using K-Means Algorithm", International Journal of Advances in Computer Science and Technology, (ISSN:2320-2602), Volume 3, No.2, February 2014, pp:123-128

(c) Presentations - International Conferences

1. "Intelligent Personalized Nutrition Guidance System Using IoT and Machine Learning Algorithm", 2nd International conference on smart technologies for smart nations, 2023.
2. "Corporate Social Responsibility (CSR) in Social Networks", International seminar on Social Networking Communications, at Vellalar College for Women, Erode, 7th to 8th August 2012
3. "TOPCRAWL: Community Mining in Web search Engines with emphasize on Topical crawling", International Conference on Pattern Recognition, Informatics and Medical Engineering (PRIME-2012), at Periyar University, Salem-11, 21st to 23rd March 2012
4. "TOPCRAWL: Community Mining", International Conference on Computational Intelligence and its applications (ICCIA 2012), at Vivekananda Institute Engineering and Technology, Tiruchengode, 1st to 3rd March 2012
5. "SIGNET: Web Information Retrieval with NE Disambiguation Based on HMM and CRF", – ICMLC 2011 , 2011 3rd International Conference on Machine Learning and Computing (ICMLC 2011) Singapore, Published in IEEE Proceedings (ISBN:978 – 1 – 4244 – 9252 – 7) 26th to 28th February 2011
6. "Cliques-Attacks Detection in Web Search Engine for Spamdexing using K-Clique Percolation Technique" – ICMLC 2011 , 2011 3rd International Conference on Machine Learning and Computing (ICMLC 2011) Singapore, Published in IEEE Proceedings (ISBN:978 – 1 – 4244 – 9252 – 7) 26th to 28th February 2011
7. "Potential threats in Online Marketing through Search Engine and analysis of Spamdexing Influence and Click-fraud Link-spam", International seminar on global challenges on emergent india'2011, at Vivekananda Institute of Information and Management Studies, Tiruchengode, 14th ,15th February 2011
8. "Intelligent Based Time Dependent Routing For Smart Driving Directions, "Proc.7th

International conference on Science, Engineering and Technology, Nov 14, VIT university, 2013,pg. no:8506-8510.

9. "Symptoms Based Diseases Prediction in Medical System by Using K-Means Algorithm" Proc.7th International conference on Science, Engineering and Technology, Nov 14, VIT University, 2013.
10. "Enhancing the Efficiency of Secure and Distributed Reprogramming Protocol for Wireless Sensor Network" in Proc. of International Conference on Global Innovations in Computing Technology, March 7, Jay Shriram Group of Institutions, 2014.
11. "Host-Based Intrusion Detection and Attack Graph Selection In VNS" Proc.7th International conference on Science, Engineering and Technology, Nov 14, VIT University, 2013.

(d) Presentations - National Conferences/ Seminars

1. "Detecting Web Spam Based On Content And Link Attributes", Third National Conference on Advanced Computing, DJ Academy of Managerial Science, Coimbatore on 3rd March 2012
2. "Potential threats in Online Marketing through Search Engine and analysis of Spamdexing Influence and Click-fraud Link-spam", National Conference on Advanced Computing Technologies (NCACT2012), Vivekananda College of Arts and Science on 17th Feb 2012
3. "A Comparative study over SEO on Precision and Recall Ratio in Search Engines", National Conference on Advanced Computing Technologies (NCACT2012), Vivekananda College of Arts and Science on 17th Feb 2012
4. "HAULSPAM:Perceiving Spamdexing based on content and Link Attributes", National Conference on Advanced Computing and Communication Technology, Sree Saraswathi Thiyagaraja College, Pollachi, Coimbatore on 2nd ,3rd December 2011
5. "Crawling The Web For Emerging Cyber communities And Filtering Web Pages" National conference on Current Trends in IT Sengunthar college of arts and science, Tiruchengode ,1st Mar 2010
6. "Distributed Data Mining In Grid Computing Environments" National conference on Current Trends in IT Sengunthar college of arts and science, Tiruchengode ,1st Mar 2010
7. "Agent Based Approach For Web Mining" National conference on Current Trends in IT Sengunthar college of arts and science, Tiruchengode ,1st Mar 2010
8. "Pervasive Semantic Grid Computing Scenario" National conference on Emerging Trends in Computer and Information Technology (ETCIT-2010) Holy Cross college(Autonomous), Trichy 6th and 7th Jan 2010.
9. "Taxi Drivers Intelligence For Time Dependent Routing Using Smart Swap Based Clustering," Proc.2ndNational conference on Computer Science and Intelligent System, Oct 9,Annapoorana Engineering College, 2013.
10. "Symptoms Based Diseases Prediction in Medical System by Using K-Means Algorithm"2nd National conference on Modeling and Simulation of Engineering Systems, Nov 4, Easa College of Engineering and Technology, 2013.
11. "An Efficient and Secure Reprogramming Protocol for Wireless Sensor Network," Proc. 2nd National conference on Modeling and Simulation of Engineering Systems, Nov 4, Easa College of Engineering and Technology, 2013.

(e) International/National Conferences/ Seminars/Workshops Attended

1. An International Seminar On A Free Digital Society And Free Software Movement & Gnu/Linux Operating System by Richard Matthew Stallman Founder & president, Free Software Foundation, Boston, USA, K.S.Rangasamy College of Arts and Science on 7th Feb 2012
2. UGC sponsored National seminar on “Emerging Trends in Mobile Ad hoc Networks”, K.S.Rangasamy College of Technology, Tiruchengode on 19th,20th Mar 2010
3. International Seminar on “New Challenges in Knowledge Based Discovery”, Vivekananda College of Engineering for Women ,Tiruchengode.16th,17th September 2011
4. National level seminar on “Emerging Trends in Mobile Ad Hoc Networks”, K.S.Rangasamy College of Technology, Tiruchengode on 19th,20th April 2011
5. National level Workshop on “Research Issues in Data Mining”, K.S.Rangasamy College of Technology, Tiruchengode on 5th , 6th Mar 2010
6. National Seminar on “An Intelligent Based Wireless Ad Hoc and Sensor Networks and its Application with Ocean Technology”, K.S.Rangasamy College of Technology, Tiruchengode on 19th ,20th August 2011

Details of participation in FDP/STTP/Workshop/Seminar/Guest Lecture/Training

S.NO	ACADEMIC YEAR	NAME OF THE EVENT	TYPE OF THE EVENT	DURATION		NUMBER OF DAYS	ORGANIZED BY	PLACE OF PROGRAM
				FROM	TO			
1	2019- Till date	RPA Design and Development	Workshop	20.01.20 20	24.01.20 20	5	UiPath	Bangalore
2		Crux of Online Teaching	FDP	29.05.20 20	29.05.20 20	1	KSR College of Arts and Science	Tiruchengode
3		Visual Analytics and it's Research Trends	Webinar	28.05.20 20	28.05.20 20	1	Dr.SNS Raja Lakshmi College of Arts and Science	Coimbatore
4		Online Quiz on Stock Market Operations	National Level Online Quiz	26.05.20 20	26.05.20 20	1	SRI RAMAKRISHNA COLLEGE OF ARTS AND SCIENCE	Coimbatore
5		ONLINE QUIZ ON Teaching Using ICT Tools	Online Quiz	26.05.20 20	26.05.20 20	1	HINDUSTHAN COLLEGE OF ARTS AND SCIENCE	Coimbatore
6		The impact of COVID 19 on the cloud computing market	Webinar	26.05.20 20	26.05.20 20	1	Gnanamani College of Technology	Namakkal
7		Recruitment in Post COVID19:National/International	International Webinar	24.05.20 20	24.05.20 20	1	VIVEKANANDHA INSTITUTE OF	Tiruchengode

							INFORMATION AND MANAGEMENT STUDIES	
8		Computer Vision Vs Human Vision	International Webinar	23.05.2020	23.05.2020	1	K.S.Rangasamy College of Arts and Science (Autonomous)	Tiruchengode
9		Machine Learning	Webinar	20.05.2020	20.05.2020	1	Coimbatore Institute of Engineering and Technology	Coimbatore
10		Robotic Process Automation: Basics and Beyond	Webinar	10.04.2020	10.04.2020	1	Skycampus : Digital Knowledge Series ICT Academy	-

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11	2017-2018	Data Mining Challenges and Opportunities	International Lecturer	1 Day 20th July 2017	Mahendra Engineering College	Tiruchengode
12		Outcome based education- validation for success	Workshop	1 Day 19th July 2017	Mahendra Engineering College	Tiruchengode
13		Internet of things using Raspberry Pi	FDP	3 Days 8 th to 10 th Jun 2017	Mahendra Engineering College	Tiruchengode
14		Big Data Analytics	Seminar	1 Day 7 th July 2017	Paavai Engineering College	Salem
15		Salesforce Trailhead	Workshop	2 Days 15 th and 16 th Jun 2017	P.S.G I-Tech	Coimbatore
16		Salesforce Directors Meet	Seminar	1 Day 24 th July 2017	Le-Meridian	Coimbatore
17		Salesforce Trailhead	Workshop	2 Days 8 th and 09 th Nov 2017	K.S.R.C.T	Tiruchengode
18		Mobile Computing & E-Governance	Seminar	1 Day 26th July 2017	Hindustan College of Arts & Science	Coimbatore
19	2016-2017	Dynamics of classroom Communication: Shifting gears	FEP	1 Day 11th May 2017	Mahendra Engineering College	Tiruchengode
20		Creative Thinking	Workshop	2 days 15th & 16th Dec 2016	Mahendra Engineering College	Tiruchengode
21		Outcome Based Education – Incorporating Bloom's Taxonomy	Seminar	1 Day 27 th May 2017	Mahendra Engineering College	Tiruchengode

S. No.	Academic Year	Name of the Event	Type of the Event	No. of Days & Duration	College/ Institution	Place of Program
22		Wearable Technologies and IOT	Seminar	1 Day 03 rd Mar 2017	Mahendra Engineering College	Tiruchengode
23		Database Design and Programming in SQL	Workshop	5 Days 21 st to 26 th Nov 2016	Sona College of Technology	Salem
24		Infosys Zoomit Tool	Webinar	0.5 Day 12 th July 2016	Mahendra Engineering College	Tiruchengode
25		Raptor III	Webinar	0.5 Day 22 nd July 2016	Mahendra Engineering College	Tiruchengode
26		Professional & Personal Life Balance	Seminar	2 Days 19 th and 20 th May 2017	Mahendra Engineering College	Tiruchengode
27		Big Data Analytics using Hadoop	Workshop	2 Days 17 th & 18 th Feb 2017	K.S.R college of Arts and Science	Tiruchengode
28		Data Science and Big Data Analytics	Workshop	5 Days 25 th to 29 th Apr 2017	K.S.R.I.E.T	Tiruchengode
29		Data Structures	FDLP	1 12 th Apr 2017	Mahendra Engineering College	Tiruchengode
30		Mobile Computing	FDLP	1 05 th Apr 2017	Mahendra Engineering College	Tiruchengode
31		Basics of Big Data Analytics	FDLP	1 07 th Apr 2017	Mahendra Engineering College	Tiruchengode

SKILLS

Area of Interest : Web Mining, AIML

Programming and Script Languages : C, C++, JAVA, Visual Basic 6.0, HTML, and XML
JavaScript,

Database Technologies : MySQL, ORACLE, PL/SQL

Technical Electives : Cloud Computing, Software Testing

Research Tools : WEKA

Papers Handled : Fundamentals and Computer Programming,
Web Technology,
Artificial Intelligence,
Open Source Tools and Components,

Software Project Management,
Service Oriented Architecture,
Machine Learning

Labs Handled

: Computer Practices Lab I and II,
System Software Lab,
Web Technology Lab,
Service Oriented Lab,
Mini Projects for PG etc.

PERSONAL INFORMATION

Date of Birth	October 17, 1987
Nationality	Indian
Marital Status	Married
Spouse	Mrs.S.Saranya, M.Sc.
Children	2
Father	Mr. P.Subramani, B.Com., Business
Mother	Ms. S.Mohanasundari,

REFEREES

- Dr. S.K.Jayanthi
Principal,
Vellalar College for Women, Erode
- Dr. M.Kannan
Head, Professor, Department of CSE
Mahendra Engineering College, Mallasamudram

Updated on Thursday, April 18, 2024

(BALAJI. S)