



## RESUME

**Dr. A. SINGARAVELAN,**  
S/O, V. APPAR,  
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Trichy – Dt. Ph: 9791479819. Tamil Nadu.  
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### Educational Qualification

S. No	Degree	Specialization	Institutions / University	Year	%
1	<b>Ph.D</b>	Computer Science	Dravidian University, Andra Pradesh (Under Regulations 2009)	2017	Highly Commended
2	<b>M.Tech</b>	CSE	Ponnaiyah Ramajayam Institute of Science and Technology, Tanjore.	2010	72%
3	<b>MCA</b>	Computer Applications	Periyar University, Salem	2007-08	77.6%
4	<b>MBA</b>	HRM	Periyar University, Salem	2003-05	76.2 %
5	<b>M.Phil</b>	Computer Science	Manonmaniam Sundharanar, Tirunelveli	2001-03	78.3%
6	<b>M.Sc</b>	Computer Science	U.D. College, Bharathidasan Univ, Trichy	1991-93	62.7%
7	<b>B.Sc</b>	Computer Science	Nehru Memorial College, Trichy	1987-90	59.5%

### Experience

S. No	Experience	Institutions	Dept.	Designation	Experience	
					Y	M
1	Professional Experience	VMKV Arts & Science College, Salem	Computer Science	Lecturer	3	8
		Selvamm Arts & Science College, Namakkal	Computer Science	Lecturer	4	10
		Vivekanandha College for Women, Tiruchengode	Computer Science	Lecturer	2	-
		Gnanamani College of Technology, Namakkal	MCA	Asst. Prof	2	-
		King College of Technology, Namakkal	MCA	Assoc. Prof.	5	11
		Urumu Dhanalakshmi College, Trichy.	Computer Science	Asst. Prof	4	1
2		<b>Total Experience in Engineering College &amp; Arts College</b>			<b>20+ Years</b>	

### Publications & Conference

Journal Publications	Conference		Seminars	FDP & Workshops	Book Publications
	Inter National	National			
10	5	4	5	9	3

#### • **AWARDS RECEIVED:**

- Cash Prize Received for 100% Passing Result - Many times
- Prizes received for good result from Selvam College, Vivekanandha College, Gnanamani College of Technology and King College of Technology.
- Received **CERTIFICATE OF APPRECIATION** from The Principal, King College of Technology, Namakkal.
- Received Best Department Award for the year 2013 and 2014.

## **LIFE MEMBER**

- Review board Member of ***International Journal Innovative Research In Advanced Engineering***. [www.ijirae.com](http://www.ijirae.com), ISSN: 2349-2163.
- Advisory board Member of ***International Journal Of Innovative Research In Information Security***. [www.ijiris.com](http://www.ijiris.com), ). ISSN: 2349-7017.
- Advisory board Member of ***International Research Journal Of Computer Science***. [www.irjcs.com](http://www.irjcs.com), ISSN: 2393-9842.
- Member of “**The Institute for Computer Sciences, Social Informatics and Telecommunications Engineering**” (ICST)
- Member of “**European Alliance for Innovation – Empowering the Innovation Community**” (EAI)

## • **BOOKS PUBLISHED**

- “*Data Communication & Networks*”, ISBN NO: 978-81-90861-01-4
- “*Fundamentals Of COBOL Programming*”, ISBN NO: 978-81-90861-01-7
- “*Object Oriented Data Structures Using C++*”, ISBN NO: 978-81-90861-00-9
- Prepared study materials for ***Data Structure, Operating System, Database Management System*** and ***Management Information System*** for the Periyar University, Salem.

## • **DETAILS OF M.PHIL THESIS GUIDED:**

- Guided more than 25 M.Phil students, Topics under *Computer Networks, Data mining & DBMS for Periyar University and Bharathidasan Universities*.

## • **JOURNAL PUBLISHED [International]**

1. A.Singaravelan, “**A Survey On Protected Steering From Beginning To End Trust Nodes In WSN**” *International Journal for Research Trends and Innovation (IJRTI)*, June 2018, Volume 3, Issue 6, ISSN: 2456-3315.
2. A.Singaravelan, “**WSN Using Combined Scheme Of Vigor Proficient Bunching and Information Rescue**” *International Journal of Engineering Trends and Applications (IJETA)*, June 2018, Vol-5 Issue-3, ISSN: 2393-9616 & ISO 3297:2007
3. A.Singaravelan, “**Security analysis of Group communication in wireless Networks**”, *International Journal Innovative Research in Advanced Engineering (IJIRAE)*, June 2014, Volume 1, Issue 5, ISSN: 2349-2163.
4. A.Singaravelan, “**Private authentication in Group constrained wireless environments**”, *International Journal Innovative Research in Advanced Engineering (IJIRAE)*, April 2014, Volume 1, Issue 2, ISSN: 2349-2163.
5. A.Singaravelan, “**Analysis Of Performance Of Broadcasting Protocol In vehicular Ad-Hoc Network Environment**”, *International Journal of Computer Science and Networks (IJCSN)*, April 2013, Volume 2, Issue 2, ISSN-2277-5420.
6. A.Singaravelan, “**Transportation System of Security Issues in vehicular ad-hoc Networks**”, *International Journal of Scientific and Research Publications (IJSRP)*, March 2013, Volume 3, Issue 3, ISSN-2250-3153.

7. A.Singaravelan, "**Performance analysis between unicast and multicast environment in wireless networks**", *International Journal Innovative Research in Advanced Engineering(IJIRAE)*, May 2014, Volume 1, Issue 4, ISSN-2349-2163.
8. A.Singaravelan, "**Performance evaluation of Distance routing effect algorithm for mobility in VANET**", *International Journal Innovative Research in Advanced Engineering(IJIRAE)*, May 2014, Volume 1, Issue 5 ISSN-2349-2163.
9. A.Singaravelan, "**Analysis of data aggregation in VANET using mobile peer-to-peer architecture**", *International Journal Innovative Research in Advanced Engineering(IJIRAE)*, September 2014, Volume 1, Issue 8 ISSN-2349-2163.
10. A.Singaravelan, "**Performance analysis of location privacy protection in vehicular Networks**", *International Journal Innovative Research in Advanced Engineering(IJIRAE)*, ISSN-2349-2163.

- **SEMINARS AND PAPER PRESENTATIONS**

- Presented a paper in **National Level Seminar** on "**INDIA-2020 An Emerging Super Power**", at Selvamm Arts & Science College, Namakkal on 2<sup>nd</sup> & 3<sup>rd</sup> October 2004.
- Presented a paper in **State Level Seminar** on "**Network Computing**", at Selvamm Arts & Science College, Namakkal on 29<sup>th</sup> January 2005.
- Presented a paper in **National Level Seminar** on "**Astonishing aspects in information Technology**", at Vivekanandha college of Arts & Science for Women, Tiruchengode on August 25<sup>th</sup> 2006.
- Participated in **National Level Seminar** on "**Web Based Systems Development & Applications**" at Angalamman college of Engineering & Technology, Trichy on 21<sup>st</sup> February 2009.
- Participated in **State Level Seminar** on "**FRAUDS AND CRIME IN DIGITAL WORLD**" at VMKV. Engineering College, Salem on 25<sup>th</sup> February 2011.

- **WORKSHOP & FDP**

- Two days FDP Conducted by Gnanamani College of Technology, Namakkal entitled as "**Motivation on Higher Studies and Research**" by Dr. Raja from Anna University, Chennai on July 2008.
- One day Work shop on "**External & Internal auditing policy**" at SONA College of Technology, Salem in August 2008.
- Two days FDP Conducted by Gnanamani College of Technology, Namakkal entitled as "**Teaching Methodologies**" by Dr. S. Selvamm, Anna University, Chennai on December 2008.
- Two Days Work Shop on "**Biometrics & Non Linear Filters**" Organized by Anna University, Coimbatore on 28<sup>th</sup> & 29<sup>th</sup> February 2009.
- Two Day Work Shop on "**Data Mining & Data Warehousing**" at V.M.K.V. Engineering College, Salem on 20<sup>th</sup> & 21<sup>st</sup> April 2009.

- One day Work shop on “**Advanced Developer Technologies**” organized by **Microsoft Corporation** at Gnanamani college of Technology, Namakkal on 31<sup>st</sup> July 2009.
  - One day Work shop on “**Emerging Security mechanisms in Identity Management**” at Sri Krishna College of Technology, Coimbatore, 30<sup>th</sup> Jan. 2012.
  - One day Work shop on “**Smart Ph.D Planning**” Sponsored by **Computer Society of India (CSI)** at Paavai Engineering College, Namakkal on 19<sup>th</sup> March 2012.
  - One day Work shop on “**LaTeX – An Effective Documentation Tool**” Sponsored by **Computer Society of India (CSI)** at Vivekanandha College of Engineering for Women, Tiruchengode on 10<sup>th</sup> March 2014.
- **CONFERENCE [NATIONAL & INTERNATIONAL]**
- Presented a paper in **International Conference** on “**Business Success Through Data Mining**” conducted by Gnanamani College of Technology, Namakkal on 30<sup>th</sup> October 2009.
  - Presented a paper in **National Conference** on “**Secure Group Communication in Wireless Network Environment**” conducted by VMKV Engineering College, Salem on 11<sup>th</sup> March 2011.
  - Presented a paper in **National Conference** on “**Secure communication in Wireless Network**” conducted by Shri Angalamman College of Engineering & Technology, Siruganoor, Trichy on 1<sup>st</sup> April 2011.
  - Presented a paper in **International Conference** on “**Communication security in wireless network**” organized by Dhanalakshmi Srinivasan Engineering College, Perambalur on 7<sup>th</sup> & 8<sup>th</sup> April 2011.
  - Presented a paper in **International Conference** on “**performance analysis of an adaptive mechanism in vehicular ad hoc networks**” organized by Pentagram Research Center, Hyderabad, Andhra Pradesh on February 15–18, 2012.
  - Presented a paper in **National Conference** on “**Performance and analysis of ad hoc networks**” organized by PGP College of Arts & Science, Namakkal on February 22<sup>nd</sup>, 2014.
  - Presented a paper in **National Conference** on “**Analysis of different routing protocols performance in ad hoc networks**” organized by Bannari Amman Institute of Technology, Sathyamangalam on March 14–15, 2014.
  - Presented a paper in **International Conference** on “**performance evaluation of distance routing effect algorithm for mobility in Vanet**”, organized by Sardar Raja college of engineering, Tirunelveli, on 3<sup>rd</sup> April 2014.
  - Presented a paper in **International Conference** on “**Private authentication in group constrained wireless networks**”, organized by Paavai Engineering College, Namakkal on May 9<sup>th</sup> & 10<sup>th</sup>, 2014.
  - Presented a paper in **International Conference** on “**Analyze security issue in wireless sensor networks**”, organized by Selvam College of Technology, Namakkal on March 2<sup>nd</sup> & 3<sup>rd</sup> 2016.

• **OTHER RESPONSIBILITIES:**

- Worked as an **ISO auditing council member** in Selvamm Arts & Science College & Gnanamani college of Technology.
- Worked as a **Convener** of a Symposium conducted by Department in Vivekanandha College for Women & Gnanamani college of Technology.
- Worked as an **Internal Auditor** for Department activities in Gnanamani college of Technology for Anna University.
- Worked as an **Internal Exam Cell coordinator** in Selvamm Arts & Science College, Gnanamani college of Technology and Vivekanandha College for Women.
- Worked as an **Additional Editor** for College Magazine “**SELVETH**” at Selvamm Arts & Science college.
- Worked as an **Asst. Placement Co-Ordinator** in Vivekanandha College & Gnanamani college of Technology.

• **PERSONAL PROFILE**

NAME : **A. SINGARAVELAN**  
 FATHER'S NAME : V. APPAR  
 OCCUPATION : School Headmaster (Rtd)  
 DATE OF BIRTH : 02-06-1969  
 GENDER/MARITAL STATUS : MALE / MARRIED  
 LANGUAGES KNOWN : TAMIL, ENGLISH, HINDI  
 RELIGION : HINDU  
 PERMANENT ADDRESS : 156 / 1, SALEM MAIN ROAD, THOTTIAM (PO),  
 TRICHYRAPPALLI – 621 215, TAMIL NADU, INDIA.  
 PHONE : 9791479819.  
 email : [singaravelan.appar@gmail.com](mailto:singaravelan.appar@gmail.com)

**DECLARATION**

*I hereby declare, that the above information all is true to my knowledge.*

*Date* : 15.09.2024

*Place* : Trichy.

(A. SINGARAVELAN.)