

## CURRICULUM VITAE



Name : Dr. N. KANAGARAJ  
Designation : Assistant Professor  
Qualification : M.C.A., M.Phil., P.G.D.SM., SET., Ph.D.  
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Teaching Experience : 06 Years

S.No	Name of the Institution	Period of Service
1.	Srinivasan Engineering college, Dhanlakshmi Srinivasan Group of Institutions, Perambalur .	01.10.2011 to 30.04.2013
2.	Sudharsan College of Arts and Science, Pudukkottai.	01.09.2015 to 01.08.2016
3.	J.J. College of Arts and Science (Autonomous), Pudukkottai.	02.08.2016 to Till Date

### Publications

Research papers : **14**  
Citations / h – index / i 10 - index : 000 / **01** / 00  
Cumulative Impact Factor : 0.0  
Book (s) Published : Nil  
Book Chapter : Nil

- **N. Kanagaraj**, “Design and Implementation of Context-Aware Adaptive Routing (CAR) Protocol using EKF”, Proceedings on National Conference on Emerging Trends In Engineering, Management And Computer Applications (EMCA’11), Anna University – Tiruchirappalli, Tamilnadu, India, April 2011. pp.11. ISBN: 978-81-920490-6-9

- **N. Kanagaraj**, G. Baskaran, S. Saravanan, A. Ramachandran, “Still Image Recognition Of License Plate System”, International Journal of Scientific and Engineering Research, August 2012. Vol. 3 Issue 8. ISSN 2229-5518
- **N. Kanagaraj** and A. Padmapriya, “S2SE: An Encryption Methodology”, in IJCA Proceedings on International Conference on Computing and Information Technology 2013 IC2IT(2), December 2013. pp. 13-15. ISSN: 0975 – 8887
- **N. Kanagaraj** and A. Padmapriya, “S2SLE: An Encryption Methodology for Securing Data using Linear Algebraic Equations”, in Journal of Computer Science and Applications, Vol. 6 Number 1 (2014). pp. 309-312. ISSN : 2231-1270
- **N. Kanagaraj** and A. Padmapriya, “Cryptanalysis of S2SE and S2SLE”, NCDSE - National Conference on Data Science and Engineering, South Travancore Hindu college, Nagercoil - 629 002, Tamilnadu, India, published by Elsevier, August 2014. pp. 295-301. ISBN: 978-93-5107-294-2
- **N. Kanagaraj** and A. Padmapriya, “i-TSS: An Image Encryption Algorithm Based on Transposition, Shuffling and Substitution using Randomly Generated Bitmap image”, International Conference on Distributed Computing and Internet Technology (ICDCIT’16), Bhubaneswar, Odisha – 751024, India, published by Springer-verlag in the series of Lecture Notes in Computer Science. ISSN: 1611-3349, 0302-9743. Impact factor: 0.34
- **Kanagaraj Narayanasamy** and Padmapriya Arumugam, “i-TEE – An Image Encryption Algorithm based on Multilevel Encryption using a Randomly Generated Bitmap Image”, Australian Journal of Basic and Applied Sciences, Special Issue (1), 2016. ISSN: 1991-8178. (UGC journal number: 1608) Impact factor: 0.15
- **Kanagaraj Narayanasamy** and Padmapriya Arumugam, “i-S2SLE: An Encryption methodology for Securing Image using Linear Algebraic Equation”, International Conference on Innovations in Computer Science and Technology, Alagappa university, Karaikudi, April 4-5, 2016. ISBN: 978-81-920462-8-0. DOI : 10.20247/IJARTET.2016.S20040060
- **Kanagaraj Narayanasamy** and S.J.SathishAaronJoseph, “A Comparative Review on Cryptographic Algorithms”, Two Day National Conference on New Horizons in Computer Science”, JJCAS, Pudukkottai, 27th and 28th January,2017. ISBN: 978-81-2343-323-3.
- Syedsafi Shajahan and **Kanagaraj Narayanasamy**, “Determining Fake Reviews using Comparative Opinion Mining”, International Journal of Pure and Applied

Mathematics, Special Issue, Volume 118, No. 7, pp.681-684, 2018. ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version). Impact Factor: 0.25

- S.Kalidasan and **N.Kanagaraj**, “Meltdown and Spectre: A Study on Side-Effects of out-of-order Execution on Modern Processors to Read Arbitrary Kernel-Memory Locations”, International Journal of Scientific Research and Review, Vol. VII, Issue no.:10, August 2018. ISSN : 2279 – 543x. (UGC Journal Number: 64650)
- Padmapriya Arumugam and **Kanagaraj Narayanasamy**, “Challenges faced by IQAC in Quality Sustenance and Enhancement of HEIs” in the Two day State level Conference on “Role of IQAC in Quality Sustenance and Enhancement in Higher Education Institutions” Sponsored by NAAC, Bangalore and Organized by the IQAC cell, J.J. College of Arts and Science (Autonomous), Pudukkottai on 21st and 22nd December 2018.
- **Kanagaraj Narayanasamy**, and Padmapriya Arumugam, “v-CSS: A video Encryption Algorithm based on Conversion, Shuffling and Substitution using Randomly Generated Grayscale Image”, International Journal for Research in Engineering Application and management, IJREAM publishing house, Vol 04, Issue no.:12, March 2019. ISSN: 2454 – 9150. (UGC Journal number: 64077)
- **Kanagaraj Narayanasamy** and Padmapriya Arumugam, “Symmetric Cryptographic Framework for Network Security”, International Journal of Innovative Technology and Exploring Engineering, Volume 08, Issue 10, August 2019. ISSN: 2278-3075. (<https://www.scopus.com/sourceid/21100889409>)

#### **Paper Presentation in Conference/Seminar/Workshop**

<b>Sl.No.</b>	<b>Presented / Participated</b>	<b>Date &amp; Place</b>	<b>Topic</b>
1	Participated	18-20 November 2019, Department of Computer Science, University of Mysore ,Mysuru.	<b>Three Days Workshop on Deep Learning, Artificial Intelligence and Machine Learning.</b>
2	Participated	31 <sup>st</sup> July 2019, P.G and Research department of Computer Science, Computer Applications, and Information Technology, J.J College of arts and science (autonomous)	<b>One Day workshop on “Web Programming using Python”</b>
3	Presented	21 <sup>st</sup> and 22 <sup>nd</sup> December 2018, IQAC CELL, J.J College of arts	<b>Two Day State level conference on “Role of IQAC in Quality</b>

		and science (autonomous), Pudukkottai	<b>Sustenance and Enhancement in HEIs”</b>
4	Presented	30 and 31, August 2018, PG and Research Department of Commerce, J.J College of arts and science (autonomous), Pudukkottai	<b>Two Day International Conference on “Global Contemporary Issues in Business and I.T”</b>
5	Participated	21 <sup>st</sup> and 22 <sup>nd</sup> of March 2018, Department of Computer Applications, Alagappa University, Karaikudi on	<b>“International Conference on Information, Communication, and Digital Security (ICICDS - 2018)”</b>
6	Presented	19 <sup>th</sup> and 20 <sup>th</sup> of January 2018 by Department of Computer Science and Information Technology, Kalasalingam Academy of Research and Education, Krishnankoil, Tamilnadu, India.	<b>“International Conference on Advances in Computer Science, Engineering and Technology (ICACSET’18)”</b>
7	Participated	21 <sup>st</sup> February 2018 by P.G and Research department of Computer Science, Computer Applications, and Information Technology, J.J College of arts and science (autonomous), Pudukkottai.	<b>One day workshop on “Recent Trends in Distributed Computing”</b>
8	Presented	27 <sup>th</sup> and 28 <sup>th</sup> January 2017 by P.G and research department of Computer Science, Computer Applications and Information Technology, , J.J College of arts and science (autonomous).	<b>Two day national level conference on New Horizons in Computer Science</b>
9	Participated	7 <sup>th</sup> and 8 <sup>th</sup> November 2016 by Department of Computer Applications at Alagappa University, Karaikudi.	<b>National Level Seminar on Recent Developments in Computer Networks (NSRDCN – 2016)</b>
10	Participated	31 <sup>st</sup> March 2015 by Department of Computer Science and Engineering associated with ICT academy of Tamilnadu.	<b>National Level Seminar on Career Opportunities in SMAC and IoT</b>
11	Presented	August 8 <sup>th</sup> and 9 <sup>th</sup> 2014 at S.T.Hindu College, Nagercoil	<b>National Conference on Data Science (NCDS - 2014)</b>
12	Participated	01/08/2014, Nitte Meenakshi Institute of Technology, Bangalore, Karnataka, India on	<b>International Conference on Emerging Research in computing, information, communication and applications(ECRCICA)- Elsevier Sponsor</b>

	Participated	21 <sup>st</sup> -23 <sup>rd</sup> and 25 <sup>th</sup> – 26 <sup>th</sup> April 2014, Organized by the ‘Centre for Technical and Academic Writing, Alagappa university , Karaikudi, Tamilnadu, India	<b>5-day Training Programme on Research Writing</b>
13	Presented	27 <sup>th</sup> and 28 <sup>th</sup> of March 2014 by the Department of Computer Science and Engineering, Alagappa university, Karaikudi.	<b>National Conference on Mining, InterNetworking and Data Security – MINDS 2014</b>
14	Presented	December 2013 by Computer Skill Development cell, Alagappa university, Karaikudi	<b>International Conference on Computing and Information Technology (IC2IT 2013)</b>
15	Participated	20 <sup>th</sup> July 2012 Conducted by Smart and Secure Environment Research Laboratory, Department of Computer Science and Engineering, Anna University, Chennai – 600 025.	<b>“One Day National Workshop on Network Security”</b>

### Research Guidance

1	<b>Ph.D.</b>	Guiding : 00	Completed : 00
2	<b>M.Phil.</b>	Guiding : 00	Completed : 08

### Awards and Achievements

1. Member of Board of Studies in Department of Computer Applications from October 2018 to till-date – J.J. College of Arts and Science (Autonomous), Sivapuram, Pudukkottai.
2. Member of Board of Studies in Department of Computer Science from October 2012 to September 2015 – Department of Computer Science, J.J. College of Arts and Science (Autonomous), Sivapuram, Pudukkottai.
3. Acted as resource person in various level of seminars on Latest trends in ICT in various colleges.
4. Acted as an ISO coordinator in MCA department at Srinivasan Engineering College.

5. Acted as coordinator and technical member for various events like Seminars, Symposiums and Conferences.
6. Question Paper Setter in Alagappa university, Periyar University and various autonomous colleges
7. External examiner for lab examinations in Bharathidasan University – Trichy.
8. IEEE Member : 92647066 since November 2013.
9. IAENG Member : 137262 Since early 2014.