Faculty Profile

1. Name : Kanagaraju P
2. Designation : Assistant Professor
3. Date of Joining : 05.09.2007
4. Nature of Association : Regular
5. E mail : kanagarajup@gmail.com
6. Mobile no : +91 9994442287

7. **AcademicQualifications:**

Course	Name of the Institution / University	Year of Passing	% of Marks	Class
Ph.D	Anna University, Chennai	Pursuing	-	-
M.E(CSE)	K.S.Rangasamy College of Technolog / Anna University, Chennai	May 2010	8.91/10 (CGPA)	First Class With Distinction
B.E. (CSE)	K.S.R College of Engineering / Anna University, Chennai	April 2007	76.46	First Class With Distinction
D.C.T	K.S.R Institute of Technology / DOTE, Chennai	April 2003	86.48	First
H.S.C.	Govt. Hr. Sec. School, Kozhikkalnatham, Namakkal, India	April 2001	67.33	First
S.S.L.C.	Govt. Hr. Sec. School, Kozhikkalnatham, Namakkal, India	March 1999	66.6	First

8. **TeachingExperience**

- **Assistant Professor,** K.S.Rangasamy College of Technology, Tiruchengode, from 01.06.2010 to till-date.
- **Lecturer,**K.S. RangasamyCollege of Technology,Tiruchengode, from 05.09.2007 to 31.05.2008.

9. **Projects**

*   **Title:** "Integrated Security Mechanism for Dynamic Source Routing in MANET"

*   **Thesis title:** "A Novel Service Selection and Security Algorithms for Observing Industrial IOT Measures"

10. **Publications**

International Journals

1. **P.KANAGARAJU**, Deepika V, Gokila S, Janani E R G (2019), "Detection of fraud using Transaction behavior in credit card", International Journal of Advance Research in Science and Engineering, ISSN- 2319-8354, volume: 8 Issue:3, pp.53-58.
2. **P.KANAGARAJU**, R.Nallusamy (2018), "Registry service selection based secured Internet of Things with imperative control for industrial applications", Cluster Computing - The Journal of The Journal of Networks Software Tools and Applications, Springer, Print ISSN- 1386-7857, E-ISSN- 1573-7543, [TR Impact Factor: 2.04].
3. **P.KANAGARAJU**, C.Priyanka, P.Manikandan, P.Manokaran, M.Premkumar, "Healthcare System for Elderly People using IOT", International Journal of Advanced and Innovative Research (2278-7844) P.N 80 Vol 6 Issue 3, 2017.
4. **P.KANAGARAJU**, S.Vigneshwaran, "A Survey of Security Middleware and Location Privacy in Pervasive Computing", Karpagam Journal Of Engineering Research, Vol.3, Special Issue On IEEE Sponsored International Conference On Innovations In Information , Embedded and Communication Systems, 2016.
5. **P.KANAGARAJU**, B.Chokkalingam, K.Dhivya, S.Hariprasath, "Global M-Health Monitoring and Control System using User Base Prototype Security Algorithm", International science and Research Journals, volume: 4 Issue: 3 Special Issue: 1, 30 mar 16.
6. **P.KANAGARAJU**, S.Krishnakumar, M.Divya, S.ShanmugaPriya, "Home Automation System using Internet of Things", International science and Research Journals, volume :4 Issue: 3 Special Issue: 1 , 30 mar 16.
7. **P.KANAGARAJU**, S.Vigneshwaran, "Novel Approach Of Self Servicing Mesh Router For Mobile Mesh Networks With Missed Node Detection", International

Journal Of Applied Engineering Research, Vol.10, No. 85, pp. 228-233, December-2015, Indexing: Scopus-Anna University -Annexure-II, 2015.

8. **P.KANAGARAJU**, R.Nallusamy, D.K.Nandini, "Secure cluster based routing using SAT/ILP techniques and ECC EL–Gamal threshold cryptography in MANET", International journal of engineering research and application, ISSN: 2248-9622, vol 4, Issue 3, march 2014, pp.117-121.

9. **P.KANAGARAJU**, R.Maharani "Genuine Route Identifier (GRI) scheme for USOR to Restrict Worm hole Attack in MANET", Published in IJAIR, Volume 2, Issue 4 April 2013, ISSN:2278-7844.

International Conferences

1. **P.KANGARAJU**, Deepika V, Gokila S, Janani E R G, "Detection of Fraud Using Transaction Behaviour in Credit Card", International Conference on Electrical Electronics Information and Computational Application(ICEEICA-160) at Sengunthar Engineering College on 08th &09th March 2019.

2. **P.KANGARAJU**, S.Vigneshwaran, "Novel Approach Of Self Servicing Mesh Router For Mobile Mesh Networks With Missed Node Detection", International Conference On Modeling, Simulation and Control at Karpagam College Of Engineering on 15th & 16th October 2015.

3. **P.KANGARAJU**, S.Vigneshwaran, "An Efficient Approach to Protect and Enhance the User Password using Audio/Video Streaming", International Conference On Electrical Electronics Information And Computational Applications at Selvam College Of Technology On 2nd & 3rd March 2016.

4. **P.KANGARAJU**, S.Vigneshwaran, "A Survey of Security Middleware and Location Privacy in Pervasive Computing", 2nd IEEE International Conference on Innovations in Information, Embedded and Communication Systems at Karpagam College of Engineering on 19th & 20th March, 2015.

5. **P.KANGARAJU**, N.Banupriya, S.Singaravel, J.vinodha, M.Vinothini, "A Novel Authentication Mechanism for Mobile and Pervasivecomoputing Environment", International Conference on Recent Advances and Innovation in Engineering and Technology. (2015).

6. **P.KANGARAJU**, D.K.Nandhini, "Optimizing secure cluster formation in MANETs using SAT/ILP techniques", International conference on knowledge collaboration in engineering, ICKCE'14 Kathir college of engineering 24 and 25th January 2014.

7. **P.KANGARAJU**, S.Sangeethapriya, R.Shivadharsini, V.Vinodhini, "Adaptive Routing in MANET with Security using Artificial Immune System", International Research conference on Innovative Engineering Skills:ACETIC2014, Aishwarya College of Engineering and Technology, Anthiyur held on 12th Feb 2014.

8. **P.KANAGARAJU**, R.NALLUSAMY, D.K.Nandini, "Secure Cluster Based Routing Using SAT/ILP Techniques and ECC El-Gamal Threshold Cryptography in Manet", International Research Conference on Innovative Engineering Skills: ACETIC2014, Aishwarya college of Engineering and Technology, Anthiyur, 2014.

9. **P.KANAGARAJU**, R.Maharani "Genuine Route Identifier(GRI)Scheme for USOR to Restrict Worm hole Attack in Manet", International Conference on Innovation in Communication, information and Computing(ICICIC'13), Sasurie College of Engineering,Tirupur,9-11 Jan 2013.

10. **P.KANAGARAJU**, P.Nithya, V.Sowmitha, K.Suguna," Projective Clustering for Outlier Detection in No-Axis –Aligned Subspace", International Conference on Innovation in communication information & computing, Sasurie College of Engineering, Vijayamangalam, 9&10.01.13, PP – 186.

11. **P.KANAGARAJU**, G.KALAISELVI, "Template extraction from heterogeneous web pages" International Conference on "Emerging trends in computer and communication Technologies", EMICS 12, Feb 16th-17th, 2012.

12. **P.KANAGARAJU**, M.SELVAN, "Performance comparison mobility management Approaches for mobile IP networks", International conference on 4G wireless Computer networks, Tiruvanamalai, India, 2011.

13. **P.KANAGARAJU**, Dr.K.Duraiswamy, S. Madhavi, "Integrated Security Mechanisam for DSR in MANET", International Conference on Innovative Computing Technologies (MKCE-IICT2010), M.Kumarasamy College of Engineering, Karur, India, 2010.

National Conferences

1. **P.KANAGARAJU**, "Legitimate route identification to mitigate attack in MANET" National conference on recent trends in information, communication and VLSI, Maharaja EnggColege For Women, Erode, 2013.

2. **P.KANAGARAJU**, Dr.K.Duraiswamy, S.Madhavi "A survey on integrated security mechanisms for dynamic source routing in MANET" National Conference on Recent Trends in Advanced Computing(NCRTAC'09), SNS College of Technology, Coimbatore, 6th oct 2009.

11. **Summer Training Programmes**

- I attended a Training program on "Open Source Software Development and its Engineering Fields", Oraganizd by Muthayammal Engineering College, Rasipuram from 25-01-2016 to 30-01-2016

- I attended a Training program on "Foundation Skills in Integrated Product Development(FSIPD)", Oraganizd by NASSCOM & Anna University at Anna University, Chennai from 09-07-2015 to 13-07-2015
- I attended a Training program on "Introduction to Design of Algorithms", Oraganizd by Indian Institute of Technology Kharagpur at K.S.Rangasamy College of Technology, Tiruchengode, Namakkal from 27-04-2015 to 30-05-2015
- I attended a Training program on "Pedagogy for Effective use of ICT in Engineering Education", Oraganizd by Indian Institute of Technology Bombay at K.S.Rangasamy College of Technology, Tiruchengode, Namakkal from 25-01-2015 to 31-01-2015
- I attended a Training program on "Cyber Security", Oraganizd by Indian Institute of Technology Bombay at K.S.Rangasamy College of Technology, Tiruchengode, Namakkal from 10-07-2014 to 20-07-2014
- I attended a Training program on "J2EE and Best Practices in Application Development", Organized by ICT Academy of Tamilnadu at Anna University, Coimbatore on 05-11-2009 & 06-11-2009
- I attended a Training program on "Training the Trainer: Enhancing the Employability of Students in Tamilnadu", Oraganizd by Electronics Corporation of Tamil Nadu Ltd.(ELCOT) at Cogniznt Technology Solutions, Chennai on 24-08-2008 & 25-08-2008
- I attended a Training program on "Research Tools for Datamining and Bigdata Analytics", Oraganizd by Department of Information Technology & Computer Society of India at K.S.R College of Engineering, Tiruchengode, Namakkal on 13-10-2014 & 14-10-2014
- I attended a Training program on "Oracle Database 11g: Administration Workshop I Ed 2", at Paavi College of Engineering, Rasipuram, Namakkal from 08-05-2011 to 12-05-2011
- I attended a Training program on "Oracle Database 10g: Introduction to SQL Ed3", at Oracle University, Delhi from 14-12-2010 to 18-12-2010
- I attended a Training program on "Oracle Database 10g: Administration Workshop I Ed 3", at Oracle University, Delhi from 20-12-2010 to 24-12-2010
- I attended a Faculty Development Program on "Personality Development", Organized by ICT Academy of Tamilnaduat PSGRKrishnammal College For Women, Coimbatore on 13-08-2013 & 14-08-2013
- I attended a Staff Development Program on "Research Initiatives in Data Mining for Web Intelligence", at K.S.R College of Engineering, Tiruchengode, Namakkal from 22-06-2012 to 03-07-2012
- I attended a Seminar on "Advanced Web Technology", at Department of Information Technology, Nandha Engineering College, Erode from 03-01-2014 & 04-01-2014

- I attended a Seminar on "Software Project Management", at K.S.Rangasamy College of Technology , Tiruchengode, Namakkal on 24-08-2012
- I attended a Seminar on "A Wireless Sensor Network for the Surveillance of Nuclear Radiation", at K.S.R College of Engineering, Tiruchengode, Namakkal on 18-06-2012 & 19-06-2012
- I attended a Seminar on "IT Awareness Enhancement Program", at K.S.Rangasamy College of Technology , Tiruchengode, Namakkal on 02-08-2011
- I attended a Workshop on "Digital Skills Readiness Program", at Wipro Limited, Bangalore from 23-05-2016 to 03-06-2016
- I attended a Workshop on "Writing Research Papers, Plagiarism and Citation Analysis", at Department of Library & Information Science, K.S.Rangasamy College of Technology , Tiruchengode, Namakkal from on 26-06-2015
- I attended a Workshop on "Computer Programming", Oraganizd by Indian Institute of Technology Bombay at K.S.Rangasamy College of Technology, Tiruchengode, Namakkal from 16-06-2014 to 21-06-2014
- I attended a Workshop on "Database Management Systems", Oraganizd by Indian Institute of Technology Bombay at VidyaaVikas College of Engineering and Technology,Tiruchengode, Namakkal from 21-05-2013 to 31-05-2013
- I attended a Workshop on "Mission10X", Organized by Wipro at V.S.B Engineering College, Karur from 17-05-2010 to 21-05-2010

12. **Membership in Professional Bodies**

- **Life Member,** Indian Society of Technical Education (ISTE) – LM 64125.

13. **Awards and Recognizions**

- WCF(Wipro Certified Faculty) awarded by Wipro to train students on Java and J2EE Technologies.

14. **ResrachActivities**

- **Area of Research Interests**
    - Cloud Computing
    - Industrial IoT
    - Mobile Adhoc Network

15. **PersonalDetails**

Fathers Name	:	Palaniyappan R
Date of Birth& Age	:	10.06.1984 & 35 Years
Gender	:	Male
Marital Status	:	Unmarried
Permanent Address	:	3/389, Kadasiyankadu Thirumangalam (P.O) Tiruchengode(T.K) Namakkal-637 302 Tamilnadu, India