SRI SANKARA ARTS AND SCIENCE COLLEGE

(AUTONOMOUS)

ENATHUR, KANCHIPURAM.

STAFF PROFILE

Name	:	**Dr. R.KARTHIKEYAN**
Academic Qualifications	:	M.Sc., M.Phil., Ph.D.
Designation	:	Assistant Professor
Department	:	Computer Science
Date of Joining	:	02/08/2019
Field of Specialization	:	Data and Computer Network, Wireless Network
Title of PhD Thesis	:	Performance Analysis of BER and Q-Factor in OFDM-RoF System Using QAM based Modulation.
E-Mail ID	:	rkarthi86@gmail.com
Mobile Number	:	9994237921

Year & Month (From)	Year & Month (To)	College / Institutions	Designation	Department
June-2010	June-2014	Annai Therasa Arts and Science College, Thirukazukundram, Kanchipuram Dist. (Affiliated by University of Madras)	Assistant Professor	Computer Applications (UG)
June-2014	July-2019	Pachaiyappa's College for Men, Kanchipuram. (Affiliated by University of Madras)	Assistant Professor	Computer Science (UG & PG)
July-2019	Till Date	Sri Sankara Arts & Science College, (Autonomous) Kanchipuram.	Assistant Professor	Computer Science (UG & PG)

International Journals

1. R.Karthikeyan, Dr.S.Prakasam , " Performance of Bit Error Rate in 64-QAM OFDM-RoF System " , *IPASJ International Journal Of Information Technology (IIJIT)*, Volume 6, Issue 8, August 2018 , pp. 001-008 , ISSN 2321-5976.
   [**Indexed in:** Thomson Reuters, Elsevier Scopus, Google Scholar, UGC Approved.]
   http://www.ipasj.org/issue1.php?vol=Volume6Issue8&Jname=1

2. Karthikeyan R*. and Prakasam S. (2018) "Performance of Bit Error Rate and Q-Factor for OFDM-RoF System using QAM Modulation", *International Journal of Current Trends in Technology and Science (CTTS)*, Vol. VII, Issue: I, pp.827-835.
   [**Indexed in:** ProQuest, Genomics Journals Seek, Google Scholar, UGC Approved etc.]
   http://www.ctts.in/assets/upload/4297CTTS71731.pdf

3. Karthikeyan R*. and Prakasam S. (2016) "Performance analysis of BER in OFDM-RoF system using 16-QAM modulation for wireless network", *Int. J. Wireless and Mobile Computing*, (Inderscience Journal - IJWMC) Vol. 11, No. 4, pp.294-301.
   [**Indexed in:** Scopus (Elsevier), Google Scholar, UGC Approved etc.,]
   http://www.inderscience.com/info/inarticle.php?artid=82284
   http://dx.doi.org/10.1504/IJWMC.2016.10003235

4. R Karthikeyan*, T. Baskar and S. Jaiganesh. "An Overview of Various Technologies in Mobile Computing" *International Journal of Emerging Technology in Computer Science & Electronics* (IJETCSE), ISSN: 0976-1353, Volume 13, Issue 1, pp.694-699, March 2015.
   http://www.ijetcse.com/archive/?volume_id=23&paging=6.

5. R Karthikeyan* and Dr.S Prakasam. "A Review – OFDM-RoF (Radio over Fiber) System for Wireless Network" *International Journal of Research in Computer and Communication Technology.* (IJRCCT), ISSN (Online):2278-5841, ISSN (Print):2320-5156. Vol.3, Issue 3, March 2014. [**Indexed in:** Thomson Reuters, Google Scholar etc.,]
   http://www.ijrcct.org/index.php/ojs/article/view/610

6. R Karthikeyan* and Dr.S Prakasam. "Analyzing Applications of Radio over Fiber (RoF) for Mobile Network". *International Journal of Computer Science and Communications* (IJCSC), ISSN: 0973-7391, Vol.4, No.2, pp.89-92, September 2013.
   [**Indexed in:** DOAJ, Google Scholar, CiteSeer, UGC Approved etc.]
   http://www.csjournals.com/?p=520

7. R Karthikeyan* and Dr.S Prakasam. "OFDM Signal Improvement Using Radio over Fiber for Wireless System". *IRACST-International Journal of Computer Networks and Wireless Communications* (IJCNWC), ISSN: 2250-3501, Vol.3, No.3, pp.287-291, June 2013. [**Indexed in:** DOAJ, Google Scholar, CiteSeer, UGC Approved etc.]
   http://www.ijcnwc.org/vol3no3.htm

8. R Karthikeyan* and Dr.S Prakasam. Article: "A Survey on Radio over Fiber (RoF) for Wireless Broadband Access Technologies". *International Journal of Computer Applications* (IJCA)

64(12):14-19, February 2013. Published by Foundation of Computer Science, New York, USA. [**Indexed in:** DOAJ, Google Scholar, CiteSeer, NASA Ads., UGC Approved etc.]

http://www.ijcaonline.org/archives/volume64/number12/10686-5587

9. Nirmalraj, T. and R. Karthikeyan* 2011. "Comparative and Technical Analysis of Broadband Access Technologies (WiMAX and WiBro)". *Pacific Journal of Science and Technology* (PJST). 12 (1):292-297.

http://www.akamaiuniversity.us/PJST12_1_292.pdf

Conferences:

1. **Paper Presented:** Titled **"Bit Error Rate Performance in OFDM-RoF System Using Dual Polarization Model for 64-QAM"** on **International Conference on Futuristic Trends in Computer Applications** Organized by the Department of Computer Applications held at Thiruvalluvar College of Engineering and Technology, Vandavasi, Tamil Nadu. on 3rd & 4th March 2018.

2. **Paper Presented:** Titled **"Study and Comparison of Various Bit Error Rate in OFDM-RoF System Using QAM Modulation"** on **National Conference on Recent Trends in Computer Science, Applications and Engineering (NCRTCAE-18)** Conducted by the Department of Computer Science and Applications held at Thiruvalluvar University Constituent College of Arts and Science, Arakkonam on 08-02-2018.
   - Paper Accepted for published in **International Journal of Advanced Research Trends in Engineering and Technology** (IJARTET) Volume 5, Special Issue 4, February 2018. **[Indexed in:** Thomson Reuters, Google Scholar, UGC etc., **]**

   http://ijartet.com/v5s04feb2018tiruvalluvarmca

3. **Paper Presented:** Titled **"Modified Two factor Authentication Control for Web Based Cloud Computing Services"** on **International Conference on Recent Trends in Computing Technology** Conducted by the Department of Computer Applications held at Bharath University Chennai on 21st April 2017.
   - Paper Accepted and published in **International Journal of Innovative Research in Management, Engineering and Technology** (IJIRMET) Vol.2, Issue 8, August 2017.

   http://www.ijirmet.com/vol2/2017/issue8/5.pdf

4. **Participated:** National Conference on "Recent Trends in Intelligent Systems (RTIS' 15)" - 1^{2th} & 1^{3th} March 2015, Organized by Department of Computer Science, University of Madras, Chennai.

5. **Paper Presented:** Titled **"Multiple Access Technique in Mobile Communication Networks"** on **National Seminar: INCOSMIT-15 - Recent Trends in ICT** Organized by Computer Science and Mathematics Department at Pattammal Alagesan College of Arts & Science, Chengalpattu, Kanchipuram District. On 28th February 2015.

Workshops & Seminar

- **Participated in International Seminar on** "**Outcome Based Education**" Jointly Organized by the Internal Quality Assurance Cell and Department of Computer Science & Applications on 3rd and 4th January 2019 in Sri Sankara Arts and Science College (Autonomous), Kanchipuram.

- **Participated in Invited Talk** on **"Authoring Research Publications for IEEE Journals",** Organized by Department of Computer Science and Applications at Sri Sankara Arts & Science College, Kanchipuram. On 8th October 2018.

- **Participated in International Seminar on** "**Deep Learning**" Conducted in Pachaiyappa's College For Men, Kanchipuram on 3rd August 2018 by Department of Computer Science.

- **Participated in International Seminar on** "**Mining Educational Databases & Information Analytics**" Conducted in Sri Sankara Arts and Science College (Autonomous), Kanchipuram on 13th March 2018 by Department of Computer Applications.

- **International Workshop:** "**Machine Learning & Algorithms**" Conducted in Sri Sankara Arts and Science College (Autonomous), Kanchipuram on 24th and 25th February 2018 by Department of Computer Applications.

- **National Level Workshop: MATLAB -** at Bharath University on 18th March-2016 conducted by the Department of Computer Applications.

- **National Level Workshop: Network Simulator - [NS-2] -** at Bharath University on 25th March-2015 conducted by the Department of Computer Applications.

- **National Workshop: Guide to Earn a Doctoral Degree, Resource Person:**
  Dr. R.M. Suresh, Organized by Department of Computer Science and Engineering at Jerusalem College of Engineering, and Association with Computer Society of India- Chennai Chapter & ISTE Chapter. On 14th & 15th July 2012.

- **National Workshop on Java Programming,** Organized by Department of Computer Science at Sri Sankara Arts & Science College, Kanchipuram. On 19th & 20th November 2011.

Faculty Development Program (FDP)

- **Participated in the One-week "Faculty Development Programme on Data Science Using Python Programming",** Organized by E&ICT Academy IIT Guwahati in association with Sri Sankara Arts and Science College, Kanchipuram held from 28 January to 01February, 2019 and support from PROBYTO.