

Dr. E. Arun M.E., Ph.D
Professor & Head of the Department
Department of Computer Science & Engineering



drearun@yahoo.com

9567890311, 94435 95337

Academic Background: **B.E (ECE)**, Vellore Engineering College
University of Madras, 1991
M.E (CSE), Madurai Kamaraj University, 1997
Ph.D (CSE), Anna University, Chennai, 2012

Areas of interest: Mobile Cloud Computing, Wireless Network, Medical
Image Processing, Machine Learning

Subject handled: **B.Tech and M.Tech Subjects**

Experience:
(29 years)

Academics: (29 years)

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|---------------------------|---|
| 1. Jul 2018 to Till Date | 1. Professor and Head , Dept. of CSE, Ilahia College of Engineering and Technology |
| 2. Aug 2016 to Jul 2018 | 2. Professor , Dept. of CSE, Marian Engineering College, Trivandrum |
| 3. May 2014 to Aug 2016 | 3. Prof. & Head, Dept. of CSE , T.K.M.Institute of Technology,uilon, Kerala |
| 4. Feb 2013 to May 2014 | 4. Prof. & Head, Dept. of CSE , PonjeslyCollege of Engineering, Nagercoil |
| 5. Aug 2011 to Jan 2013 | 5. Asso.Prof. & Head, Dept. of CSE Noorul Islam University |
| 6. Sept 2010 to Aug 2011 | 6. Associate Professor,Dept. of CSE Noorul Islam University |
| 7. June 1999 to Sept 2010 | 7. Assistant Professor, Dept. of CSE Noorul Islam College of Engineering |
| 8. Aug 1995 to June 1999 | 8. Senior Lecturer , Department of CSE, R.M.K Engineering College, Chennai |
| 9. June 1994 to July 1995 | 9. Lecturer , Department of ECE, M.G.Polytechnic |
| 10. May 1991 to May 1994 | |

	College, Nagercoil 10. Lecturer , Department of ECE, S.R.M. Engineering College
Industry:	Nil

Professional Association Activities

International Journals

Publications details :

International Journals / Conferences:

1. **E.Arun**, Alwin Reji, A Novel Algorithm for Load Balancing in Mobile Cloud Networks: Multi-Objective Optimization Approach" Wireless Personal Communications, **Springer** , August 2017, **SCI indexed**.
 2. **E.Arun**, Leema Mathew, " Total Privacy Preservation and Search Quality Improvement in Personalized Web Search " Journal of Web Engineering, , Vol (5) 2016.**Indexed in SCI, EI (Scopus)**
 3. **E.Arun**, Rahul.M, "An Augmented Routing Algorithm for Trusted Detection of Link Failures in MANETS" **Springer Journal** of Wireless Personal Communications, Wireless Personal Communications (2017) 96: 5185-5201, **Indexed in SCI, EI (Scopus)**.
 4. **Arun E**, Nimmy Johnson, An Effective Resource Management in Cloud Computing, Int. J. of Communication Networks and Distributed Systems, 2017 Vol.19, No.4, pp.448 - 464, **Inderscience**.
 5. **E.Arun**, R.S.Moni," Optimization Of Vertical Handoff Decision Algorithm for Wireless Networks" *International Journal of Computers, Communications & Control*, Vol. VII (2012), No. 2 (June), pp.219-231**indexed in SCI**.
 6. J.Rajeesh,**E.Arun**, "Region Growing and Level Set Compound for Hippocampus Segmentation" *Journal of Advances in Electronics and Communications*, Vol1, No. 1; 2015
 7. **E.Arun**, C.P.Maheswaran, R.S.Moni, "Cross Layer Mobility Management Scheme for Heterogeneous wireless Networks" *Journal Scientif Research Essays*, Vol. 7(21): June, pp. 1971 –
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2009 indexed in ISI Web of Science - Impact factor = 0.50

8. **E.Arun**, R.S.Moni, "Call-Level Qos Based Vertical Handoff Algorithm in Wireless Networks", *Journal of Convergence Information Technology (JCIT)*, vol.4, no.1, Nov 2011, Scopus Indexed.
9. **E.Arun**, R.S.Moni, "Optimization Algorithm for a Handoff Decision in Wireless Heterogeneous Networks", *International Journal of Next Generation Networks*, vol. 2 no.3, pp. 99-117 Sep 2010.
10. **E.Arun**, R.S.Moni, "A Novel Decision for vertical Handoff in 4G wireless networks", *Global Journal of Computer Science & Technology* vol.10, issue 5, pp. 28-33 July 2010.
11. **E.Arun**, R.S.Moni, "Handoff in Heterogeneous wireless networks by Adjusting the Transmission Power [RSS]/Rate ", *International Journal of Recent Trends in Engineering*, Vol 2, No. 4, pp 171-175, November 2009
12. **E.Arun**, R.S.Moni, "Optimization Algorithm for a Handoff Decision in Heterogeneous Mobile Networks", *International Journal of Image Processing & Networking Technologies*, Sponsored by AICTE, NewDelhi, vol.3, no.2, pp.10-19, June 2010.

National Seminars/ Events Organized/ Conducted	: 07
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AICTE Project Completed	: 02
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Other Responsibilities	➤ Experience in Organizing renowned International Conferences, workshops etc. ➤ Consultant, NBA & NAAC accreditation process. ➤ Experience in Supervising PhD Scholars
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