




AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

Nizara Educational Campus, Muthapudupet, Avadi IAF, Chennai – 600 055.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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| NAME & INITIALS | Dr.Shankar.R |  |
| DESIGNATION | Associate Professor & Head | |
| EDUCATIONAL QUALIFICATION | M.E., Ph.D., | |
| EXPERIENCE | 20 Years | |
| DATE OF JOINING | 16-06-2014 | |
| EMAIL ID | shankar.r@aalimec.ac.in | |
| AREA OF SPECIALISATION | DBMS, MANET, Cloud Computing | |

EDUCATIONAL QUALIFICATION

| DEGREE | BRANCH / SPECIALIZATION | INSTITUTION | UNIVERSITY | YEAR |
|--------|----------------------------------|----------------------------------|-----------------------------------|------|
| Ph.D., | Computer Science and Engineering | - | Manonmaniam Sundaranar University | 2018 |
| M.E., | Computer Science and Engineering | RMK Engineering College | Anna University | 2006 |
| B.E., | Computer Science and Engineering | V.R.S College of Engg., & Tech., | University of Madras | 1998 |

PROFESSIONAL MEMBERSHIPS

INTERNATIONAL SOCIETY FOR RESEARCH & DEVELOPMENT

FDP ATTENDED

Faculty Development Programme on “Java Programming” at R.M.K Engineering College, Kavaraipettai during 31st May – 4th June’04.

Faculty Development Programme on “Principles of Compiler Design” at Saveetha Engineering College, Chennai during 26th Nov – 3rd Dec’12.

Faculty Development Programme on “Research issues in Heterogeneous Wireless Networks” at Pondicherry Engineering College, Pondicherry during 2nd Dec – 6th Dec’13.

Faculty Development Programme on “Software Engineering” at T.J.S College of Engineering College during 1st Dec – 8th Dec’14.

Faculty Development Programme on “Grid and Cloud Computing”, at Saveetha Engineering College, Chennai on 16th & 17th June 2016.

WORKSHOPS ATTENDED

Workshop on “Microsoft .Net” at Dr.M.G.R Deemed University, Maduravoyal, Chennai during 16th Nov – 20th Nov’04 conducted by Microsoft in Association with CSI.

One Day Workshop on “Software Testing & Quality Management” at R.M.K Engineering College, Kavaraipettai on 23rd Dec’04 conducted by R.M.K.Engineering College.

Workshop on “Security and Storage Management in Tivoli” at SRM University, Kattankulathur, Potheri, Kanchipuram District on 19th & 20th May’06 conducted by IBM.

Workshop on “Training the Trainer Programme” at M/S. Scope International Pvt.. Ltd., Chennai, on 8th & 9th Dec’06 conducted by ELCOT.

Hands-on Workshop on “Python Programming” at Anna University-Guindy Campus, Chennai, on 17th & 18th August 2017 Organized by Centre for Academic Courses, Anna University, Chennai

One Day Workshop on “DevOps – Redhat [Redhat India Pvt. Ltd] ” at Hotel Fortel - Chennai on 7th Oct’17 conducted by the Council of Technical Education and Training of Advantage Pro-Vectra Technosoft.

SEMINARS ATTENDED

One Day Seminar on “IBM Technology Update Programme” at Crescent Engineering College, Chennai during 4th Oct’04 conducted by Indicom Software & Services.

- One Day Seminar on “Security and Messaging” at Madras Institute of Technology, Chennai during 15th Oct’04 conducted by Microsoft and Dept. of IT, Madras Institute of Technology.

PUBLICATION DETAILS

Published Paper on “**Scalable Multicasting through Hexagonal Zone based Structure over Mobile Adhoc Networks**” - in **Journal of Internet Technology (JIT)** (Volume 19, No.7, Page No.2111 to 2124, Dec’2018).

Published Paper on “**Zone Based Consolidated Routes in Multicast Routing under Mobile AdHoc Networks**” - in **The International Journal of Applied Engineering Research (IJAER)** (Volume 10, Number 55, pp. 2403-2407, July 2015).

Published Paper on “**Mobile Adaptive Opportunistic Junction for Health Care Networking in Different Geographical Region**” - in **International Journal of Information & Computation Technology (IJICT) (ISSN 0974-2239)** Volume 4, Number 2 (2014), pp. 113-118, spl. (2014)).

Published Paper on “**Automated Segmentation and Shape Tracking of Fluorescent Cancerous Cells by Wavelet Otsu model**” - in **International Journal of Information & Computation Technology (IJICT) (ISSN 0974-2239)** Volume 4, Number 9 (2014), pp. 919-924, spl. (2014)).

Published Paper on “**A Highly Scalable Zone based Multicast Protocol for Redundant Overhead Minimization**” - in **International Journal of Computer Applications (IJCA)** (Volume 79, Number 14, pp. 41-47, October 2013).

Published Paper on “**Information Hiding Based On Message Prediction in MPEG Video Files**” - in **International Journal of Research in Engineering & Advanced Technology (IJREAT), (ISSN: 2320 – 8791)** Volume 1, Issue 1, March, 2013.

Published Paper on “**Study of GUI Recognition using Pattern Matching in Neural Networks to improve its Performance**” - in **International Journal of Emerging**

Technology & Advanced Engineering (ISSN 2250-2459, ISO 9001:2008 Certified Journal), Volume 2, Issue 10, October 2012.

CONFERENCE DETAILS

Presented Paper on “**Attendance Tracking and Register App Based Android**”, **International Conference on International Intellectual Convergence on Advances in Science and Engineering (IIASE-2017)** conducted at Aalim Muhammed Salegh College of Engineering at Muthapudupet, Chennai on 3rd & 4th March 2017.

Presented Paper on “**Position Based Mobility Adaptive Multicast Routing in MANET**”, **National Conference on Innovation in Computing and Communication Technology (NCICCT)** conducted at Kongunadu College of Engineering & Technology at Thottiam on March 18, 2015.

Presented Paper on “**Geographic Multicast Routing Protocol for Achieving Efficient and Scalable Group Communication over MANET**”, **IEEE International Conference on Computer Communication and Systems (ICCCS)** conducted at Saveetha Engineering College at Thandalam on Feb 20-21, 2014.

Presented Paper on “**Computer Network Database Attacks Security from Threats and Hackers**” – **International Conference** conducted at Anand Institute of Higher Technology at Kazhipattur on 3rd and 4th May 2012.

Presented Paper on “**Improving the availability of Databases using Replication with Total Order Broadcast**” - **National Level Conference** conducted at Jerusalem College of Engineering at Pallikaranai on 7th April 2006.

ACHIEVEMENT DETAILS

Fundamentals of Computing – Book Published on June 2004, Sri Krishna Hi-tech Publishing Pvt., Ltd.,

Computer Programming – Book Published on July 2013, Sri Krishna Hi-tech Publishing Pvt., Ltd.,

Computer Practice Laboratory -I - Book Published on Sep'2007, Sri Krishna Hi-tech Publishing Pvt., Ltd.,

Computer Practice Laboratory -II - Book Published on Jan 2009, Sri Krishna Hi-tech Publishing Pvt., Ltd.,

Database Management Systems – Book Published on August 2008, Charulatha Publications.