

## Profile



**Dr MuthuSankar D, B.Tech.,M.E., Ph.D.**

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AICTE ID : 1-461652105

College ID : KSRCE18

### PROFESSIONAL QUALIFICATION

ACADEMIC DETAILS				
COURSE	PERIOD	SCHOOL /COLLEGE	UNIVERSITY/ BOARD	PERCENTAGE OF MARK (%)
Ph.D	November, 2019	Anna University	Anna University, Tamilnadu	Completed
M.E. in Computer Science and Engineering	2006 - 2009	K.S.Rangasamy College of Technology, Tiruchengode	Anna University, Tamilnadu	80
B.Tech. in Information Technology	2001 - 2005	K.S.R College of Engineering, Tiruchengode	Anna University, Tamilnadu	77
HSC or 10+2	2001	P.V.B Matric Hr. Sec School, Erode	State Board, Tamilnadu	80.90
SSLC or 10 <sup>th</sup>	1999	P.V.B Matric Hr. Sec School, Erode	Matriculation, Tamilnadu	72.63

### ACADEMIC EXPERIENCE:

PERIOD	POSITION HELD	ORGANISATION	YEARS
04.07.2005 to 31.05.2010	LECTURER	K.S.RANGASAMY COLLEGE OF TECHNOLOGY, TIRUCENGODE -637 215 TAMILNADU, INDIA	4.10 Years
01.06.2010 to 31.05.2016	ASSISTANT PROFESSOR	K.S.RANGASAMY COLLEGE OF TECHNOLOGY, TIRUCENGODE -637 215 TAMILNADU, INDIA	5.11 Years
01.06.2016 to Till date	ASSOCIATE PROFESSOR	K.S.RANGASAMY COLLEGE OF TECHNOLOGY, TIRUCENGODE -637 215 TAMILNADU, INDIA	6.5 Years*

## ACHIEVEMENTS

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- Designed and maintaining a website for various client's like
  1. Knowledge Institute of Technology, Salem ([www.kiot.ac.in](http://www.kiot.ac.in))(2012).
  2. Association of Licensed Building Surveyors, Coimbatore ([www.albsindia.com](http://www.albsindia.com))(2006-2009).
  3. Mercury Chemicals, Namakkal(2009).
  4. IEEE Student branch([www.ieee.ksrct.ac.in](http://www.ieee.ksrct.ac.in)) and NANO2010 Conference ([www.nano.ksrct.ac.in](http://www.nano.ksrct.ac.in)) website for K.S.Rangasamy College of Technology, Tiruchengode.
- Developed a Sponsored project “**Enquiring Student Marks through SMS**” for the cost of Rs.1,50,000/- during 2007 – 2008.
- Developed a project to automate the Staff Attendance using barcode and Image matching for K.S.Rangasamy College of Technology during 2009-2010.
- Developed a project to automate the Staff Attendance using Finger Print Biometrics for K.S.Rangasamy College of Technology during 2011-2012.
- Developed a project “**Public Grievance Monitoring System**” using Finger Print Biometrics for the District Collectorate Office, Namakkal during 2011-2012.
- Digitized our KSR Institutions - Automation System
  - Faculty Management System
  - Academic Management System
  - Library Management System
  - Exam Management System
  - Transport Management System
  - Hall Booking
  - eBoardcast
- Promoted as Head of IT/DATACENTRE

## PROGRAMME ORGANIZED

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- Acted as Organizing Committee member in the RRRLR Sponsored SALIS 2022: National Conference on “Transformation of Learning Recourse Centres in the Digital Era” organized by the Department of Library, K.S.Rangasamy College of Technology, Tiruchengode jointly with Society for the Advancement of Library and Information Science(SALIS) during 13<sup>th</sup> to 15<sup>th</sup> October 2022
- Google Apps Training in association with **Ganymede Solutions, Chennai** to the faculty of KSRCT from 5<sup>th</sup> to 7<sup>th</sup> November, 2013.
- National Conference “ETICSE2K13” on 8<sup>th</sup> March, 2013.

- National Level Technical Symposium “MACROFEST2K11” on 27<sup>th</sup> September, 2011.

#### DETAILS OF BOOK PUBLISHED:

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AUTHORS	TITLE	YEAR	NAME OF THE PUBLISHER
Dr.K.DURAI SWAMY, Lt.R.NALLUSAMY, Ms.R.KANAGAVALLI <b>Mr.D.MUTHUSANKAR</b> Ms.P.KALADEVI Ms.S.PONMATHANGI	FUNDAMENTALS OF PROGRAMMING	2008 - 2012	TECHVISION PUBLISHERS

#### SUBJECTS HANDLED

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- Computer Networks
- Cryptography and Network Security
- Information Security
- High Speed Networks
- ATM Networks
- Web Technology
- Fundamentals of programming
- Object Oriented Programming
- Software Engineering

#### ACADEMIC EXCELLENCE

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- **EXAMINER:** Acting as an Examiner (Internal and External) in Anna University (Chennai and Coimbatore) Practical Examinations and various Autonomous Institutions.
- **INVOLVEMENT IN CERTIFICATION:**
  - Worked for the ISO 9001:2001(E) Certification for the College
  - Worked for the NBA Certification for the Department
  - Worked for the NAAC Certification for the Institution
  - Worked for New Code of Education Award and got 2<sup>nd</sup> Runner Up at Autonomous Institution level
- Secured 100% result in the subject Cryptography and Network Security, ATM Networks and Fundamentals of Programming under Anna University.
- **COORDINATOR**
  - KSRCT Automation and Datacentre Head(KSRCTCMS)
  - College Website Incharge (www.ksrct.ac.in).

- KSRCT Software Purchase Committee Member.
- KSR Educational Institutions CCTV Incharge
- KSR Educational Institutions IPPBX Incharge

## MEMBERSHIP

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- Associate Member in National Cyber Safety and Security Standards
- Life time Member of Indian Society of Technical Education

## PATENT FILLED

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- Patent Filled on “ARTIFICIAL INTELLIGENCE BASED SELF-ADAPTIVE SYSTEM FOR CAPACITY ESTIMATION IN BATTERY”, Application No. 202141035708 A, Date of filing of Application :07/08/2021 (43) Publication Date : 08/10/2021
- Patent Filled on “FLEXIBLE ARM 3D PRINTER WITH PARAMETRIC CONTROL USING AI”, Application No. 202241014771, DATE OF FILING 17/03/2022, PUBLICATION DATE (U/S 11A) 08/04/2022

## PAPER PUBLICATIONS

- P., Kaladevi, Janakiraman Sengathir, Ramalingam Praveen, **D. Muthusankar** (2022) “An improved ensemble classification-based secure two stage bagging pruning technique for guaranteeing privacy preservation of DNA sequences in electronic health records”, Journal of Intelligent & Fuzzy Systems, vol. Pre-press, no. Pre-press, pp. 1-18, 2022
- **Muthusankar D**, Kalaavathi B & Kaladevi P (2018), ‘High Performance Feature Selection Algorithms using Filter Method for Cloud-based Recommendation System’, Springer - Cluster Computing the Journal of Networks Software Tools and Applications, Online ISSN 1573-7543, Print ISSN 1386-7857.
- **D.MUTHUSANKAR** (2016), “Cybercrime Risk and Cyber Security on Online Service Avoidance”, in the Middle-East Journal of Scientific Research 24 (Techniques and Algorithms in Emerging Technologies): 92-97.
- **D.MUTHUSANKAR**, E.Sobana (2014), “A Survey: Techniques of an Efficient Search Annotation Based On Web Content Mining”, International Journal on “International Journal of Computer Application” – IJCA (0975-8887), Vol. 104, No. 3, Oct 2014, pp. 12-16.

- Presented a paper on “Multiparty Access Control and Key Agreement Framework for Online Social Networks” in the International Conference on Advances in Computer Science and Information Technology (ACSIT’14) on 28<sup>th</sup> & 29<sup>th</sup> March, 2014, organized Department of CSE, VELS University, Chennai.

## **CERTIFICATION COURSES**

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- Four Weeks Certification Course on Python Programming by E & ICT Academy, Indian Institute of Technology, Kanpur
- One Week Online Certificate Course on “DIGITAL TEACHING TECHNIQUES” organized by ICT Academy from 29 June 2020 to 04 July 2020.

## **CONFERENCES, SUMMER/WINTER SCHOOLS/WORKSHOP ATTENDED**

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- AICTE Training And Learning (ATAL) Academy Online FDP on "MEAN Stack Technologies" from 21/09/2021 to 25/09/2021 at Sree Vidyanikethan Engineering College(Autonomous).
- AICTE Training And Learning (ATAL) Academy Online FDP on "How to Exploit(Secure)A Web Applications" from 26/07/2021 to 30/07/2021 at The NorthCap University
- AICTE Training And Learning (ATAL) Academy Online FDP on "Cyber Security, Ethical Hacking and Cyber Crime" from 2021-07-12 to 2021-7-16 at Department of Computer Sciences, University of Kashmir
- AICTE Training And Learning (ATAL) Academy Online FDP on "Cloud Technology" from 2020-11-9 to 2020-11-13 at INFLIBNET Centre
- Six Day AICTE- ISTE Sponsored Induction/Refresher Programme on “Machine Learning & IoT Applications” Organized by Department of Computer Science & Engineering, Sri Indu College of Engineering & Technology, Hyderabad from 08<sup>th</sup> -14<sup>th</sup> December, 2020.
- Theory and Practical Session of the Amrita – Hebeon Online Webinar cum Workshop on “Data Science” for faculty members using Microsoft Teams Platform, Organized by Amrita College of Engineering and Technology, Nagercoil and Hebeon Technologies, Hyderabad during 17<sup>th</sup> – 25<sup>th</sup> June 2022 and get Gold Medal
- AICTE Training And Learning (ATAL) Academy Online FDP on "Cyber Security" from 01-06-2020 to 05-06-2020 at National Institute of Technology Nagaland.
- Five days Online FDP on “Digital Resources and Learning” jointly organized by the DLIS, Alagappa University, AALISAU and SALIS from 17<sup>th</sup> May 2020 to 21<sup>st</sup> May 2020.
- Workshop on “Cyber Security”, 22<sup>st</sup> June, 2019 at IC&SR Auditorium, IIT Madras, Chennai

- Department of Electronics and Information Technology – Ministry of Communications and Information technology, Government of India Sponsored Seminar on “National Cyber Safety and Security Standards Summit 19”, 21<sup>st</sup> June, 2019 at Vivekananda Auditorium, Anna University, Chennai.
- **D.MUTHUSANKAR**, M.Deepa, “Cyber Crime Risk and Cyber Security on Online Service Avoidance”, International Conference on Frontiers of Computational Intelligence at K.S.Rangasamy College of Technology on 5th March 2016.
- **D.MUTHUSANKAR**, P.Revathi, T.A.Saheena, T.Vidhya, “Scam Evaluation in Mobile Apps using Data Mining”, 2016.
- **D.MUTHUSANKAR**, N.Suvetha, S.Nivetha,V.Ramamoorthy, “Personalized Search in web Based on User Created Profile”, International Conference on Engineering & Applied Science. (ICEAS 2015) on 28<sup>th</sup> February 2015, Vetri Vinayaha College of Engineering and Technology, Trichy.
- **D.MUTHUSANKAR**, M.Deepa, “A Survey on Cyber Crime Risk and Cyber Security On Online Service Avoidance”, International Conference On Modeling, Simulation and Control at Karpagam College Of Engineering on 15th & 16th October 2015.
- **D.MUTHUSANKAR**, E.SOBANA, “An Efficient Annotation of Weakly Labeled Web Facial Images using Semi-Supervised Distance based Algorithm”, International Conference on Recent Trends and Innovations in Engineering and Technology (ICRAIET’15) held at Ranganathan Engineering College, Coimbatore during 20th, 21st March 2015.
- **D.MUTHUSANKAR**, M.Deepa, “An Intelligent Document Clustering Approach To detect Crime Patterns” International Conference On Electrical, Electronics & Computer Engineering at Vivekanandha College Of Engineering For Women on 11th & 12th March 2015.
- Workshop on “NPTEL Workshop”, organized by National Programme on Technology Enhanced Learning on 9<sup>th</sup> August 2014 at K.S.Rangasamy College of Technology, Tiruchengode.

- Two-week ISTE Workshop on “Cyber Security”, conducted by Indian Institute of Technology Bombay and held under National Mission on Education through ICT(MHRD) from 10<sup>th</sup> July to 20<sup>th</sup> July,2014.
- **D.MUTHUSANKAR**, M.Kaliselvi, M.Karthik, A.Mahendravarama, “Context based analysis improves audio visual archive retrieval”, International Conference on Global Innovation in Computing Technology, held on 6<sup>th</sup> & 7<sup>th</sup>, March 2014.
- **D.MUTHUSANKAR**, S.Vignesh, R.Shanmuga Priya, N.Nivetha, “Semantic Meta Search Engine Using Semantic Similarity Measure”, 3<sup>rd</sup> International Conference on Competency Building Strategies in Business and Technology for Sustainable Development, Sri Ganesh School of Business Management, Salem held on 25<sup>th</sup> Feb 2014.
- **D.MUTHUSANKAR**, E.Sobana, “Mining Frequent Itemsets Based on Hadoop Map reduce Model” TAPSA 2014 Society of Automotive Engineers (India SKCET Collegiate Club Coimbatore-08
- Department of Electronics and Information Technology – Ministry of Communications and Information technology, Government of India Sponsored Seminar on “National Cyber Safety and Security Standards Summit”, 27<sup>th</sup> & 28<sup>th</sup> April, 2013.
- Seminar on “Software Project Management”, 24<sup>th</sup> August, 2012 conducted by ICTACT organized by CSE, K. S. Rangasamy College of Technology.
- AICTE Sponsored Staff Development program on “Research Initiatives in Data mining for Web Intelligence”, 22<sup>nd</sup> June to 03<sup>rd</sup> July, 2012 organized by IT, KSR College of Engineering, Tirucnengode.
- Workshop on “Journal, Thesis and Project Proposal Writing”, 7<sup>th</sup> April, 2012 organized by IT & ICTACT, K.S.Rangasamy College of Technology.
- D MuthuSankar, Proceedings of the International Conference on “Computational Intelligence and Its Applications” ICCIA’12, 1st to 3<sup>rd</sup> March, 2012.
- “IT Awareness Enhancement Program”, 2<sup>nd</sup> August, 2011 conducted by MASTER SKILLS organized by K. S. Rangasamy College of Technology.
- D MuthuSankar, Proceedings of the International Conference on “Innovative Computing Technologies” ICICT’10, 12<sup>th</sup> February, 2010 Organized by M.Kumarasamy College of Engineering, Karur.
- D.MuthuSankar, Proceedings of the National Conference on “Advanced Technologies” NCAT’10, 26<sup>th</sup> February, 2010 Organized by CSE, Selvam College of Engineering, Namakkal.

- D.MuthuSankar, Proceedings of the National Conference on “Information and Communication Technology” NCICT’10, 2010 organized by IT, K.S.Rangasamy College of Technology.
- D.MuthuSankar, Proceedings of the National Conference on “Software Engineering and Application” CODECLAVE’09, 27<sup>th</sup> February, 2009, Organized by CSE, Govt. College of Engineering, Salem
- Workshop on “Multimedia Technologies”, 10<sup>th</sup> and 11<sup>th</sup> September, 2009 organized by EEE & ECE, Vellalar College of Engineering and Technology, Erode.
- Workshop on “Recent Trends in Information Security”, 31<sup>st</sup> January 2009 organized by IT, K.S.Rangasamy College of Technology.
- Workshop on “Algorithms in Image Processing”, 6<sup>th</sup> September, 2008 organized by EEE & ECE, Vellalar College of Engineering and Technology, Erode.
- Workshop on “Mobile Computing”, 30<sup>th</sup> August, 2008 organized by CSE, Periyar University, Salem.
- Workshop on “Research Methodology in Computer Science”, 11<sup>th</sup> August, 2007 organized by CSE & IT, K. S. Rangasamy College of Technology.
- AICTE Sponsored Staff Development program on “Computer Network Routing and Communications”, 23<sup>rd</sup> May, 2006 to 06<sup>th</sup> June, 2006 organized by Kongu Engineering College, Erode.

## **SKILL SET**

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Operating System	: Client - Windows and LINUX Server - Windows 2016 and 2019
Virtualization technology	: VMWare
Networking	: CCNA(Undergoing)
Language	: C, C++ and Java (Basics).
Package	: Visual Basic 6.0 and .Net
Web Designing Tool	: HTML5.
Database	: MS SQL, Oracle, MS-Access, MYSQL
Multimedia Tools	: Adobe Photoshop, Dreamweaver
Scripting Language	: ASP, PHP and JSP



## PERSONAL PROFILE

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**Name** : **D.MuthuSankar**  
**Date of birth** : 29th Aug, 1984.  
**Sex** : Male  
**Religion** : Hindu  
**Nationality** : Indian  
**Marital Status** : Married  
**Father's Name** : A.K.Dhakshinamoorthy  
**Permanent Address** : Rakkiannan Kovil Thottam,  
Elumathur(Po),  
Erode(Dt) – 638 104.  
Tamilnadu, India