RESUME



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Dr.**T.SHANMUGAVADIVU** MCA.,PhD.,

Objective

To work with dedication for the organization with the help of my professional and technical expertise and also to continuously improve my understanding in my field around me and translate this knowledge to benefit all.

Technical Skills

1. Programming Language : C.C++,JAVA DOT NET
2. Database : Oracle - 9i, MSSQL Server2005, MS Access.
3. Web Development : HTML

Area of Interest

- C,C++,JAVA,COMPUTER NETWORKS,DATAMINING,

Project: 1

Project Name	:	Bot Control Monitrory Using Captcha System
System	:	Windows XP
Tools	:	ASP.net with SQL Server2000.
Role	:	Developer

Description:

This project proposes a new image based CAPTCHA test,Activity RecongnitionCAPTCHA.In this test user is presented with a set of distorted images depicting a randomly chosen activity.The user has to recognize the common activity associated with the images and annotate it from a given list activities.

Project: 2

Project Name	:	3D Shape Animation
System	:	Windows XP
Tools	:	VB.net with SQL Server 2000.
Role	:	Developer

Description:

This project is entitled as" 3D SHAPES ANIMATIONS" is a system based project, developing in VB.NET.It involves 3D modeling and animation shapes for making different shapes and shapes. it reduces the works of the designers during the run time and it saves time of the user.the object gets modulated in the 3D view and animating in a manner by adding some creativity to that object. The available shapes are rectangle, triangle, cubes, square, polygon, hexagon, octagon and more shapes.

Educational Qualification

Course	Institution	University	Aggregate	Year of Passing
Ph.D.,	Karpagam University,Coimbatore	Karpagam University, Coimbatore	_	2017
M.C.A	Vivekanandha Arts & Science College, Triuchengode.	Periyar University	77	2010
BSC(C.S)	Arulmigu PalaniAndavar Arts&Science college,Palani	Mother Teresa University	77	2007
Higher Secondary	Govt . girls Hr.Sec. School, Palani	State Board	64	2004
SSLC	Govt . High School, Manjanayackenpatty.	State Board	77	2002

National&Inernational level conference &workshop

- UGC sponsored Programme on" ORIENTATION AND RETRAINING OF TEACHERS18.9.2010" Arulmigupalaniandavar arts college for women,Palani.

- Presented a papers in the National Level Seminar on "BEST PRACTICES FOR QUALITY ENHANCEMENT IN HIGHER EDUCTION"31.3.2011 Arulmigupalaniandavar arts college for women,Palani.

- One Day State Level Workshop on "MICROPROCESSOR AND ITS APPLICATIONS"15.2.2011 Arulmigupalaniandavar arts college for women,Palani

- Presented a papers in the One Day National Level Seminar on "ENERGY AND NANO TECHNOLOGY"12.4.2013 Arulmigupalaniandavar arts college for women,Palani

- UGC sponsored Programme on" ORIENTATION AND RETRAINING OF TEACHERS on 2nd2013" Arulmigupalaniandavar arts college for women,Palani.

- Participated in the National conference on"EMERGING TRENDS IN INFORMATION TECHNOLOGY "2nd march 2013."Vidyasagar Collgee Of Arts And Science "Udumalpet

- Presented paper in the International conference on "ADVANCE IN NUMERICAL ANALYSIS AND APPLIED MATHEMATICS on 24.8.2013"Arulmigupalaniandavar arts college for women,Palani.Presented paper "Statistical significance in biological sequencing".

- Presented paper in the conference "Gene Expression with phenotype classification and patient survival prediction using data mining techniques" ,5th Annual Research congress(KUARC-2013) ,Karpagam university Coimbatore2013.

- Presented paper in the National Level conference on 30.8.2013 "Gene Expression With Phenotype Classification And Patent Survival Predication Using Datamining Techniques"P.K.R Arts College For Women,Gobichettipalayam.

- Participated in the International conference on Computer Applications and Information Technology , Hindusthan college of Arts and science Coimbatore, 2013.

- Presented paper in the conference "Gene Expression with phenotype classification and patient survival prediction using data mining techniques" ,6th Annual Research congress(KUARC-2014) ,Karpagam university Coimbatore2014.

- Gene Selection for cancer classification using Microarrays",International conference on Information and Image ProcessingICIIP-2014 , Sankara college of Science and Commerece Coimbatore, 2014.

- Gene expression with phenol type Classification and Patient Survival Prediction using datamining Technologies, "International seminar on challenges and opportunities in computing research","sree saraswathi thyagaraja college , Pollachi 2014.

- Participated in the National Colloquium on Contemporary Trends in BigData Analytics",NGM college,Pollachi on 24th aug2017.

- Presented paper in the conference ''Enhanced modeling of gene expression data using micro array methodology "Two days international conference on "Emerging Trends in information Technology ICETIT"Nadar saraswathi college of art & science, theni on 2&3 feb2023.

- Presented paper in the conference" Green Entrepreneurship and sustainable development environmentally friendly products" two days national seminar on innovative entrepreneurship sustainable development "Arulmigu Palaniandavar arts college for women,palani,30&31 march2022.

- Presented paper in the conference An efficient knowledge of big data processing &techniques **"**Two days International Conference on Research Perspectives in New-Gen Computational Paradigms St. Joseph's College for Women, Tirupur. 12.08.2025 to 13.08.2025

- Presented paper in the conference An Automatic Social Engagement measurement during human robot interaction concept in artificial intelligence **"**International Conference on Recent Trends in Multidisciplinary Research and Innovation (ICRTMRI 2025) A.V.P College of Art and science,Tiruppur,Tamil Nadu 19.09.2025

FDP:

- 5Days FDP on "Outcome Based Learning in HEI's for Quality Education AC & Department of Science and Humanities, Dhaanish Ahmed Institute of Technonolgy 18.07.2025 to 22.07.2025

- Five-Day International Faculty Development Programme(IFDP) on "Digital Pedagogy: Teaching in the Age of Technology" organised by the Department of Visual Communication, S.A. College of Arts and Science, Chennai, India, held from 25th to 29thAugust 2025 in Virtual Mode.
- Five-Day International Faculty Development Programme(IFDP) onRecent Advanced in Machine learning Tools,techniques and Application organized by Department of CSE-AIML,Prathyusha Engineering College in association with Pantech Solution Pvt LTd from 24th to28 th Nov25

Workshop:

Inter National:Participated in an international virtual workshop on Intelligent research and IoT Simulation(11.10.2025)

Inter National: Participated in an international seminar on Global Perspectives on IoT Application and Cyber Security: Trends, Challenges and Future Directions.

Book & Chapter Publication:

- Published a Book titled "The Creative Machine:A Deep Dive into Generative AI and Multimodol Intelligence" in November 2025,ISBN Number: 978-81-981600-3-4.

  https://ngmclibrary.in/repository-collections/entry/2281/

- Published a Book titled "Data Science" in December 2025,ISBN Number: 978-93-7130-743- https://ngmclibrary.in/repository-collections/entry/2300/

List of publications

1. T.Shanmugavadivu and T.Ravichandran "Gene Expression with Phenotype Classification and Patient Survival Prediction using Data mining Technologies" Journal of Computational Intelligence in Bioinformatics. ISSN 0973-385X Volume 6, Number 2 (2013) pp. 81-86.
2. T.Shanmugavadivu and T.Ravichandran Presented paper in the conference "Gene Selection for Cancer Classification using Microarrays" International Journal of Computer Applications Technology and Research ISSN-2319-8659 Volume 2– Issue 5, pp. 609 - 613, 2013.
3. T.Shanmugavadivu and T.Ravichandran "Broad patterns of gene expression revealed by clustering analysis of biological and clinical data" International journal of engineering research online A Peer Reviewed International Journal ISSN-2321-7758 Vol.3 Issue.1, 2015.
4. T.Shanmugavadivu and T.Ravichandran "Gene Expression with Phenotype Classification and Patient Survival Prediction algorithm" International journals of computer science and information technologies ISSN:0975-9646 vol 6(4),pp3682-3687, 2015.
5. Dr.T.Shanmugavadivu " Patient Survival Prediction Using Data Mining Technique" International Journal of Scientific Research in Computer Science, Engineering and Information Technology © 2017 IJSRCSEIT | Volume 2 | Issue 5 | ISSN : 2456-3307. pp:150-157.

   UGC Approved Journal .
   Index : Research Gate, Advanced Science index, j-Gate, Journal ITOCs.

6. Dr.T.Shnmugavadivu ”Enhanced modeling of gene expression data using micro array methodology” International journal of early childhood special education(INT-JECS)ISSN:1308-5581 Vol 14 Issuse07 2022 pp:1632-1638 [Scopus index journal].

7. Dr.T.Shnmugavadivu” gene selection for tumor classification based partial least squares dimension reduction method” International journal of European chemical bulletin ISSN2063-5346, vol12 special issue6 pp:3749-3755 [Scopus index journal]

8. Dr.T.Shnmugavadivu” Broad patterns of gene expression revealed by clustering analysis of biological and clinical data” International journal of European chemical bulletin ISSN2063-5346, vol12 special issue 4 pp:19728-19734[Scopus index journal]

Experience

Profession	:	Assistant Professor,
Department	:	PG Department of Computer science,
Year of Experience	:	11 years,
Join Date	:	17.8.2010 To 2.11.2018, 22.08.2022 To 09.04.2025
Place	:	Arulmigu PalaniAndavar Arts College For Women , Palani.

Experience

Profession	:	Assistant Professor,
Department	:	Department of Computer science(SF),
Year of Experience	:	8 Month,
Join Date	:	26.06.2025 to Till date
Place	:	Nallamuthu Gounder Mahalingam College,Pollachi

Personal Details

Father's Name	:	N.Thirugnanam,
Spouse Name	:	R.Suresh Kumar,
Date of Birth	:	25th May 1986,
Gender	:	Female,
Marital Status	:	Married,
Languages Known	:	English, Tamil,
Nationality	:	Indian,
Address	:	Door No 3, Lakshmi Apportment, Dhanalakhmi Nagar, Opposite sakthi sweets, Bodipatti,Udumalpet.

I hereby confirm that the information given above are true to the best of my knowledge and belief.

Place : UDUMALPET

Signature

Date :20.01.2026