

BIO DATA

Dr.S.SUGANTHI, M.C.A., M.Phil., M.E., Ph.D., NET.,

**Deputy Controller of Examination,
Assistant Professor, Department of Computer Science,
G.Venkataswamy Naidu College, Kovilpatti -628502.**

(An Autonomous Institution Affiliated to Manonmanium Sundaranar University, Tirunelveli)

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Scopus Id: 58352956100

Web of Science ResearcherID: ABC-2294-2020



Research Interests

- Wireless Sensor Networks, Natural Language Processing, Data Mining, Game Theory

Courses Taught

- **UG:** Artificial Intelligence and Robotics, Nature and Bio-inspired Computing, Social Computing, Python Programming, Data Structures, Operating Systems, Unix Internals, Java Programming, Advanced Java Programming, Software Engineering, User Interface Design, Object Oriented Analysis and Design, Business Intelligence, Microprocessors and Micro controllers
- **PG:** Deep Learning, Soft Computing, Digital Imaging, Fuzzy Logic Theory & its Applications, Machine Learning Techniques, Advanced Operating Systems, Distributed Computing

Educational Qualifications

- ✓ **NET., 2023, Ref.No.220520075753, Qualified the NET Examination in the subject Computer Science and Applications.**
- ✓ **Ph.D., 2022, Faculty of CS, Mother Teresa Women's University Kodaikanal, "An Automated Game Theory to Detect and Prevent Attacks of Intrusion in IoT Devices" , *Highly Commended.***
- ✓ **M.E, 2013, CSE, National Engineering College, Kovilpatti, "An Rule Based Technique for Handling Propositional Phrases with Less Ambiguity in English-Tamil Machine Translation" – *First Class with Distinction - 8.3 CGPA***
- ✓ **M.Phil, 2007, CS, "Annamalai University", *FirstClass with Distinction - 81%***
- ✓ **M.C.A, 2004, Computer Science and Applications, Sri Sarada Niketan College, Karur, *First Class with Distinction - 78%***
- ✓ **B.Sc, 2001, Mathematics, Sri Sarada College, Tirunelveli, *Second Class - 55%***

Work Experience

Designation	College Name	Duration
Assistant Professor	G.V.N.College	01.10.2021 – till now
Assistant Professor	National Engineering College	07.05.2010 - 31.06.2013
Lecturer	National Engineering College	07.05.2008 - 31.06.2010
Part Time Lecturer	Govt.Polytechnic	15.05.2005 - 02.05.2008

Professional Memberships: Member in ISTE

Countries visited: SINGAPORE

Sponsored Funded Seminar

Agency Name	Project Title	From	To	Amount (Rs.)
CIIL, Mysore	National level Seminar on Research Perspective on Speech and Language Processing for Human-Computer Interaction	Jan 1-4,2014		75000
Infosys, Mysore	Three days Infosys Campus Connect faculty deep drive program on FA4.0-RDBMS	Jan 1-4,2016		1,00,000

Sponsored Funded Projects

Agency Name	Project Title	Duration	Amount (Rs.)
TNSCST S&T Project	Design and Implementation of Robot for Women's Safety using IoT	2023-2025	1,80,000
TNSCST Book Publication	Python for Beginners Guide	2023-2024	20,000
GVN Research Cell Seed Money Grant	GVNC Learning Management System	2022-2023	15,000
GVN Research Cell Seed Money Grant	Geofencing and Geotracking Based Smart Attendance System	2023-2024	25,000
GVN Research Cell Seed Money Grant	Design and Implement an Interactive IoT based Tamil Braille Keypad for Visually Impaired School Children	2025-2026	25,000
TNSCST Student Project	AI-Powered LIP Reading to Text Conversion Tool for People with Hearing and Speech Disabilities.	2024-2025	7,500
TNSCST Student Project	Geofencing and Geotracking Based Smart Attendance System	2023-2024	7,500
Student's Project Seed Money Grant	Design and Development of Alumni's Hub	2024-2025	5,000
	Development of leave management App	2024-2025	5,000
Student's Project Seed Money Grant	AI Powered Tamil to Sign Language Video Converter	2025-2026	5,000
	Braille Display Simulator Learning and Application for Grade 1 Students	2025-2026	5,000
Tamilnadu Software Development Fund	Android Linguistic Interpreter for Blind School Children and Rural Citizens	Applied (Rs.1,00,000)	
TNSCST (Science and Technology)	Design and Development of Autonomous VTOL Drones for Remote, On-Demand Emergency Medical Delivery and Sustainable Agriculture.	Applied (Rs.5,00,000)	
NPTEL SWAYAM Courses	Deep Learning in Tamil- Regional Language Importance	Applied (40 Modules)	
Ministry of Electronics and Information Technology (Meity)	Women Centric Safe and Secure online Safety Control App in the Digital World Using Blockchain Technology	Applied (Rs.38,72,000)	
Chief Minister Research Grant	Enhancing Social and Cognitive Skills in Children with Autism through AI-Powered Zoobee Robot	Applied (Rs.25,00,500)	

Consultancy Projects

Agency Name	Project Title	Duration	Amount (Rs.)
SAM'S Abacus	Website for SAM'S Abacus	2023-2024	30,000
Lakshmi Mills Corporation	ERP Solution for Lakshmi Mill	2023-2024	1,00,000

Research and Academic Activities

- Participated the NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme(MM-TTP) of University Grants Commission(UGC) Organized by UGC-MMTTC ,University of Kerala, Kariavattom, Thiruvananthapuram from 16-05-2024 to 28-05-2024.
- Participated in Seven days Faculty Development Program on Exploring Technological Advancements: A Voyage into Emerging Horizons from 20th Nov-27th Nov 2023.
- Participated in one day ACM Webinar on “Chat GPT- A Step forward to Conversational Excellence” held at Don Bosco College,Tiupattur District on 6th July.2023.
- Participated in one day Workshop on NPTEL-E-Awareness on 4th July.2023.
- Participated in one day workshop on Learning Management System- Workshop on Moodle Based learning held at IQAC & OBE Monitoring Committee at GVN College,Kovilpatti on 14th Dec.2022.
- Participated in one day National Level seminar on NAAC Accreditation Process:Preparation & Stakeholders Feedback held at VOC College,Thoothukudi on 12th Nov.2022.
- Participated in one day training programme on National Intellectual Property Awareness Programme held at GVN College,Kovilpatti on 11th Nov.2022
- Participated in five days faculty development programme on Recent Advancements in computing technology held from 13th feb to 17th feb 2023 at SRNM College,Sattur.
- Participated in one day online webinar on Supervised and Unsupervised Machine Learning Algorithms held at MTWU,Kodaikanal on 20th Oct.2020
- Participated in two days workshop on Research Methodology for Ph.D Scholars held at MTWU,Kodaikanal on 13.09.2019 & 14.09.2019.
- Participated in six days Faculty Enablement Program (13.07.2015 & 18.07.2015) on FOUNDATION PROGRAM 4.0 by Infosys Limited.
- Participated in three days Train The Trainer (TTT) Program (18.05.2015 & 20.05.2015) on PYTHON PROGRAMMING by Infosys Limited.
- Participated in two days national level workshop (26.12.2014 & 27.12.2014) on BIGDATA ANALYTICS by Anna University,Regional Center,Coimbatore.
- Participated in two days national seminar (01.02.2013 & 02.02.2013) on RESEARCH ISSUES AND CHALLENGES IN COGNITIVE SCIENCE by National Engineering College, Kovilpatti.
- Participated in four days national seminar(03.12.2012 & 06.12.2012) on RESEARCH OPPORTUNITIES IN MACHINE LEARNING AND NATURAL LANGUAGE PROCESSING Conducted by National Engineering College,Kovilpatti.
- Participated in two days national seminar (30.11.2012 & 1.12.2012) on RESEARCH MOTIVATION-A PERSPECTIVE Conducted by National Engineering College, Kovilpatti.
- Participated in two days national seminar (18.12.2009 & 19.12.2009) on CONTEMPORARY RESEARCH AVENUES IN NOMADIC COMPUTING Conducted by National Engineering College, Kovilpatti.
- Participated in two days national seminar (09.10.2009 & 10.10.2009) on RECENT TRENDS AND RESEARCH DIRECTIONS TOWARDS CLOUD COMPUTING Conducted by National Engineering College, Kovilpatti.

- Participated in one day workshop (20.02.2010) on MIDDLEWARE TECHNOLOGIES Conducted by Mepco Schlenk Engineering college, Sivakasi.
- Participated in two days national seminar (1.8.2008 & 2.8.2008) on AUTONOMIC COMPUTING At National Engineering College, Kovilpatti.
- Participated in one day workshop (28.02.2009) on DISTRIBUTED COMPUTING Conducted by Mepco Schlenk Engineering College, Sivakasi.
- Participated in one day workshop (8.3.2007) on WOMEN EMPOWERMENT conducted by National service scheme, Tamilnadu polytechnic college, Madurai.
- Attended National seminar (3.3.2003) on ADVANCEMENT IN NETWORKING AND INTERNET AND E-COMMERCE Conducted by Global Village, Computer Education, Karur.
- Participated in one day national seminar (05.10.2002) on SATELLITE COMMUNICATION Conducted by Sri Sarada Niketan College of science for women, karur.
- Attended the short-term course (16.8.1999 to 21.10.1999) on FOXPRO conducted by Sri Sarada College for women, Tirunelveli.

Intl. Journal & Conference Publication

1. Dr.S.Suganthi, **“AI Powered Tamil to Sign Language Video Converter”**,Two Days international conference on Transform Tomorrow: Accelerating Digital Education”,15 & 16 Oct.2025,Mother Teresa Women’s University,Kodaikanal.
2. Dr.S.Suganthi, **“Real time Speech Emotion Recognition Using Machine Learning in Python”**, JISRS,Volume III,Issue I,Special Issue April 2025.
3. Dr.S.Suganthi, **“Text to Sign Language Conversion Using Deep Learning”**, JISRS,Volume III,Issue I,Special Issue April 2025.
4. Dr.S.Suganthi, **“Optimizing Renewable Energy Systems with AI: Enhancing Efficiency, Reliability, and Sustainability through Intelligent Forecasting and Predictive Analytics”** International Conference on Advanced Materials for Clean Energy and Health Applications 2025, University of Jaffna,*Srilanka* ,March 27-28,2025.*(Scopus Publication)*
5. Dr.S.Suganthi, **“A Survey Of Robotic Devices For Post-Stroke Rehabilitation Patients”**, Robotics and Autonomous Systems, Elsevier Scopus- Review
6. Dr.S.Suganthi, **“Real-Time Women’s Safety: IoT-Enabled Robotic Solutions for Enhanced Security and Protection in Urban Environments”**, Computers and Electrical Engineering, Elsevier Scopus- Review
7. Dr.S.Suganthi, **”Design and Implement an Interactive IoT based Tamil Braille keypad for Visually Impaired School Children”**, 4th International Conference On Mathematical Modeling And Computational Science(Icmmcs 2025), Bangkok, Thailand. January 10-11,2025. *(Lecture Notes in Networks and Systems Elsevier Scopus)*
8. Dr.S.Suganthi, **”CLOUD BASED PAYROLL MANAGEMENT SYSTEM POWERED BY LARAVEL”**, INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS(IJCRT),ISSN No.2320-2882,Volume.12, Issue.4,April. 2024.
9. Dr.S.Suganthi, **”REALTIME AUTOMATED ATTENDANCE MANAGEMENT SYSTEM”**, INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS(IJRAR),ISSN No.2349-1209,Volume.11, Issue.2,April. 2024.
- 10.Dr.S.Suganthi, **”AI ASSISTED BREAST CANCER PREDICTION”**, INTERNATIONAL JOURNAL FOR RESEARCH TRENDS AND INNOVATION(IJRTI),ISSN No.2456-3315,Volume.9, Issue.4,April. 2024.
- 11.Dr.S.Suganthi, **”PREDICTION OF EFFECTIVE RAINFALL AND CROP WATER NEEDS USING DATA MINING TECHNIQUES ”**, INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS(IJRAR),ISSN No.2349-1209,Volume.11, Issue.2,April. 2024.
- 12.Dr.S.Suganthi,**”SURVEY ON AGRICULTURAL ROBOTS”**, Presented a paper in International Conference in Information Technology, Published: 22 March 2024.
- 13.Dr.S.Suganthi, **”THE INTELLIGENT CONNECTION MANAGEMENT MODEL TO ENHANCE THE SECURITY OF CLOUD COMPUTERS IN HIGH-DENSITY FOG NETWORKS”**, Eng. Proc.(MDPI) 2023, 59(1), 105; <https://doi.org/10.3390/engproc2023059105>, Published: 22 December 2023.*(Scopus- MDPI)*

14. **Dr.S.Suganthi**, “**AN AUTOMATED VOICE BASED BRAILLE SCRIPT TEACHING AID USING IOT**”, International Conference on Advanced Systems and Emerging Technologies 2023 on December 20 and 21,2023.(Int.Conference)
15. **Dr.S.Suganthi**, “**DESIGN AND DEVELOPMENT OF A COTTON STRIPPER USING AIR FLOW AND PRESSURE SENSOR FOR SUSTAINABLE AGRICULTURE**”, A One-day Seminar & Exhibition on G20 New Delhi leadership Declaration and Emerging World Order on 9th Nov.2023,VOC Auditorium, MS University.(Int.Seminar)
16. **Dr.S.Suganthi**,”**AUTOMATIC TELEGRAM CHANNELS SCRAPING SYSTEM**”, Telematique, ISSN:1856-4194, Vol.22,Issue No.1(October.2023),Pg:253-260. *(Web of Science)*
17. **Dr.S.Suganthi**, “**SINGLE LEADER SINGLE FOLLOWER GAME FOR DETECTING NETWORK ATTACKS IN WSN**”, Journal of Inventive and Scientific Research Studies (JISRS), Vol: I Issue: 1 June 2023,ISSN.2584-0630.(Academic Journal)
18. **R.Subhulakshmi,Dr.S.Suganthi**, “**GLAUCOMA DETECTION USING IMAGE PROCESSING TECHNIQUE : A SURVEY**”, ISBN:978-81-960484-2-6, International Conference on Wireless and Mobile Network Security,Sri Sarada College for Women, Tirunelveli.(Int.Conference)
19. **Dr.A.D.C.Navin Dhinnes, Dr.S.Suganthi**, **D.Usha**, **Dr.D.Illakiam** “**ENHANCING GRAY WOLF OPTIMIZATION WITH RECURRENT NEURAL NETWORKS FOR IMPROVED OPTIMIZATION PERFORMANCE**”, Telematique, ISSN:1856-4194, Vol.22,Issue No.1(July.2023),Pg:1977-1987. *(Web of Science)*
20. **Dr.S.Suganthi**, **R.Subhulakshmi**, “**NETWORK ATTACK DETECTION USING STACKELBERG GAME IN WIRELESS SENSOR NETWORKS**”, International Conference on smart innovative techniques on Data analytics(ICSITDA’23) dated on 26th May 2023.(Int.Conference)
21. **Ms.Pandilakshmi**, **Dr.S.Suganthi**, “**INTELLIGENT BASED CROP PREDICTION FOR AGRICULTURE APPLICATION**”, International Journal of Novel Research and Development(IJNRD), ISSN-2456-4184,Volume 8 Issue 5,May 2023.(UGC Approved)
22. **M.Rajathi**, **S.Suganthi**, “**SCALABLE AND SECURE OF PERSONAL HEALTH RECORDS IN CLOUD COMPUTING USING ATTRIBUTE - BASED ENCRYPTION**”, International Journal of Novel Research and Development(IJNRD), ISSN-2456-4184. (UGC Approved)
23. **S.Suganthi**, **Usha D.**,”**ENHANCING LIFETIME OF NETWORK USING CLUSTERING ALGORITHMS: A LITERATURE SURVEY**”, International Journal of Health Sciences, Volume 6(S8),Pg-5319-5330. *(Web of Science)*
24. **S.Suganthi**, **Dr.D.Usha**, “**ENERGY EFFICIENT GAME THEORY BASED ATTACKS DETECTION FOR DISASTER MANAGEMENT IN IOT NETWORKS**”,Novyi MIR, Volume.6,No.04,February 2020. *(UGC Care Group-II)*
25. **S.Suganthi**, **Dr.D.Usha**, “**STACKELBERG GAME BETWEEN MULTI-LEADER AND MULTI-FOLLOWER FOR DETECTING BLACK HOLE AND WARM-HOLE ATTACKS IN WSN**”, Kala Sarovar Journal, Volume.23,No.04,December 2020 (UGC Approved)
26. **S.Suganthi**, **Dr.D.Usha**, “**MULTI-OBJECTIVE PARTICLE SWARM OPTIMIZATION WITH ENERGY-DENSITY CENTROID BASED DEPUTY CLUSTER HEAD SELECTION SCHEME FOR IOT BASED SENSOR NETWORKS**”, Solid State Technology Volume: 63 Issue: 6,Publication Year: 2020 (Scopus)
27. **S.Suganthi**, **Dr.D.Usha**, “**ENERGY EFFICIENT CLUSTER HEAD SELECTION IN SOFTWARE DEFINED NETWORKING USING IMPROVED PARTICLE SWARM OPTIMIZATION**”, International journal of scientific & technology research, Volume 9, issue 03, march 2020,page:1287-1292. (Scopus)
28. **S.Suganthi**, **Dr.D.Usha**, “**AN OVERVIEW OF GAME THEORETIC APPROACH TO INTRUSION DETECTION SYSTEM IN IOT**” International journal of management, technology and engineering, Volume 8, issue ix, september/2018, Page no:1086-1092 .(UGC Approved)
29. **S.Suganthi**, **Dr.D.Usha**, “**A SURVEY OF INTRUSION DETECTION SYSTEM IN IOT DEVICES**” International journal of advanced research, Volume 6(6), 23-30. (UGC Approved)
30. **S.Suganthi**, Presented a paper on International conference on emerging trends in computing , communication and automation technology held at Sri vidya college of engineering & technology, virudhunagar titled on “**SECURE SOFTWARE-DEFINED NETWORKING MODEL FOR INTRUSION DETECTION SYSTEM**”, March 9, 2019. (Int.Conference)
31. **S.Suganthi**, Presented a paper on National conference on computer science and applications(nccsa 2020) held at Mepco schlenk engineering college titled on “**A MULTI LEADER MULTI FOLLOWER STAKELBERG GAME FOR DETECTING BLACK HOLE AND WARM HOLE ATTACKS IN WSN**”, March 6 & 7, 2020. (Int.Conference)

32. **S.Suganthi**, Presented a paper on National conference on exploring the expectations and executions in scientific research Mother teresa women's university,kodaikanal titled on **STACKELBERG GAME FOR DETECTING DOS ATTACK IN WSN** held at MTWU,Kodaikanal, July 16-17,2020 (Int.Conference)
33. **S Suganthi**, KG Srinivasagan, P Bama Ruckmani, M Saravanan, International Journal of Computer Applications, **RULE BASED APPROACH FOR PREPOSITIONAL PHRASE ATTACHMENT IN ENGLISH-TAMIL TRANSLATION**,Volume.975,2013. (UGC Approved)
34. Presented a paper on International conference on 14th Tamil Internet Conference titled on **AN RULE BASED TECHNIQUE FOR HANDLING PREPOSITIONAL PHRASES WITH LESS AMBIGUITY IN ENGLISH-TAMIL MACHINE TRANSLATION** held at *SIM University, Singapore* during 30-1 June-2015. (Int.Conference)
35. Presented a paper on International conference on ICICA 2014 titled on **"AN EFFICIENCY DEPENDENCY PARSER USING HYBRID APPROACH FOR TAMIL LANGUAGE"** held at Bharathiyar University during 6-7 March-2014 (Int.Conference)
36. Presented a paper on International conference on ICICA 2014 titled on **AN AUTOMATED SYSTEM FOR TAMIL NAMED ENTITY RECOGNITION USING HYBRID APPROACH** held at Bharathiyar University during 6-7 March-2014. (Int.Conference)
37. Presented a paper on national conference on NCILC-2013 titled **ENGLISH-TAMIL TRANSLATION USING SEMANTIC APPROACH FOR PREPOSITIONAL PHRASE ATTACHMENT** held at **CUSAT,Kochi**, during 19-20 Jan-2013. (National Conference)
38. Presented a paper on International conference on IHCI'2012 titled **SEMANTIC BASED ORTHOGRAPHIC WITH PREPOSITIONAL PHRASE FOR ENGLISH-TAMIL TRANSLATION** held at **IIT-Kharagpur**, during 27-29 Dec-2012. (Int.Conference)
39. Presented a paper on national conference on ACENET'09 titled **AN EFFECTIVE ENHANCED COLLISION CONTROL MECHANISM FOR WIRELESS SENSOR NETWORKS** held at PSNA College of engineering & technology, during 21'st march 2009. (Int.Conference)
40. Presented a paper on International conference on sensors, security, software and intelligent systems titled **THE PERFORMANCE ANALYSIS OF ROUTING PROTOCOLS IN WIRELESS SENSOR NETWORKS – A CASE STUDY** in ISSIS 2009 held at Coimbatore institute of technology, during 8-10 January 2009. (Int.Conference)

Swayam Courses

1. Dr.S.Suganthi, completed and received a passing grade in "Computer Architecture" offered by NPTEL Swayam.
2. Dr.S.Suganthi, completed and received a passing grade in "Worksheets – A Versatile Teaching-Learning Tool" offered by Sri Sathya Sai Vidya Vahini through Swayam Plus".
3. Dr.S.Suganthi, completed and received a passing grade in "Motivation = Six ways to Boost Student Engagement" offered by Sri Sathya Sai Vidya Vahini through Swayam Plus".
4. Dr.S.Suganthi, completed and received a passing grade in "Object Oriented Programming in C++" offered by SRM Institute of Science and Technology through Swayam Plus".
5. Dr.S.Suganthi, completed and received a passing grade in "Genetic Algorithms: From Theory to Application" offered by Sri Sathya Sai Vidya Vahini through Swayam Plus".

Book Chapter Publication

- S.Suganthi, for publication of a book chapter titled, **"ARTIFICIAL INTELLIGENCE IN CLIMATE-SMART AGRICULTURE IN AFRICA"**, in the Book "Artificial intelligence and new social realities in Africa",Chapter-3, Springer Nature,No.2025.(Scopus Indexed).
- S.Suganthi, for publication of a book chapter titled, **"AI for learning, Upskilling and Career Planning"** in the Book "Emerging Research Trends in computer science and information technology" in the month February 2025.
- S.Suganthi, for publication of a book chapter titled, **"Personalized Health care with AEI emotion driven Diagnosis and treatment Plans"** in the Book "Emerging Research Trends in computer science and information technology" in the month February 2025.

- S.Suganthi, for publication of a book chapter titled, **“Advances in Computer Science(Volume -26)”** in the Book **“Computer Science and Game Theory”** in the month February 2025.
- S.Suganthi, for publication of a book chapter entitled, **“Evolution of Agriculture: From Tradition To Modernity”** in the book **“Precision Agriculture: Bridging Technology and Tradition Volume II (ISBN: 978-93-95847-61-2)”** in the month of August, 2024.
- S.Suganthi, for publication of a book chapter entitled, **“Optimization Techniques for Improving AI-driven Demand Forecasting in E-Commerce ”** for inclusion in CRC Press Edited Book on **“AI in Demand Forecasting in Ecommerce application”** in the month of December, 2024. (Scopus Indexed)
- S.Suganthi, for publication of a book chapter titled, **“Design and Implementation of Interactive IoT based Tamil Braille Keypad for visually impaired school children”** in the Book **“Contemporary Research access Disciplines”** in the month December 2024.
- S.Suganthi, for publication of a book chapter titled, **“Artificial Intelligence in Fish Genetics and Biotechnology”** in the Book **“Artificial Intelligence in Fisheries”** in the month November 2023.

Reviewer Position

- Dr.S.Suganthi reviewer on web of science journals, **“WOS_REVIEW_ID:25182488”**.

Patent Publication

- Dr.S.Suganthi, Dr.B.Makeshkumar, received a design patent titled on **“AI POWERED AGING CAMRADE ROBOT FOR DEMENTIA PATIENTS”** on 03.02.2025.
- Dr.S.Suganthi,Dr.B.Makeshkumar published a patent application number: 202441101734, titled on **“IOT ENABLED ROBOT FOR REAL TIME WOMEN’S SAFETY”** on 03/01/2025.
- Dr.S.Suganthi, Dr.G.Chelladurai, Dr. J Nelson Samuel Jebastin, Mrs.S.Indira published a patent application number: 202341029598, titled on **“DESIGN AND DEVELOPMENT OF ROBOTIC DEVICE WITH ASSISTIVE AND RESISTIVE TRAINING FOR POST-STROKE HAND REHABILITATION PATIENTS”** on 05/05/2023.

Copy Right

- Dr.S.Suganthi filed a Copyright titled on **“Placement Drive Software”** in Php-Mysql.
- Dr.S.Suganthi published a copyright titled on **“Outcome Based Education Software”** in ASP.Net with Mysql.
- Dr.S.Suganthi published a copyright titled on **“Exam Plus Software”** in Php - Mysql.
- Dr.S.Suganthi published a copyright titled on **“Test-GVN”** in Php - Mysql
- Dr.S.Suganthi filed a copyright titled on **“GVNCLMS-Gateway for Self Transformation”** software in Php-Laravel-Mysql.
- Dr.S.Suganthi filed a copyright titled on **“Students Feedback System”** software in Php-Laravel-Mysql.
- Dr.S.Suganthi filed a copyright titled on **“Result Passing Portal”** software in Php-Laravel-Mysql.
- Dr.S.Suganthi filed a copyright titled on **“IQAC Portal”** software in Php-Laravel-Mysql.
- Dr.S.Suganthi filed a copyright titled on **“Syllabus Maintanance System”** software in Php-Laravel-Mysql.
- Dr.S.Suganthi filed a copyright titled on **“Faculty Profile Maintanance System”** software in Php-Laravel-Mysql.

Book Publication

- Dr.S.Suganthi,Dr.D.Usha published a book titled on **“Introduction to Java Programming”**
- Dr.S.Suganthi,Dr.D.Usha published a book titled on **“Data structures and Algorithms”**.
- Dr.S.Suganthi,Dr.D.Usha published a book titled on **“Digital Logic Fundamentals”**.
- Dr.S.Suganthi,Dr.R.Vijayalatha published a book titled on **“Python Programming Beginner’s**

Guide” under TNSCST sponsored amount Rs.20,000.

- Dr.S.Suganthi, Dr.R.Vijayalatha published a book titled on **“Python for Beginners”** by Charulatha Publication.
- Dr.S.Suganthi, Dr.D.Usha published a book titled on **“Python Programming Basics-Beginners Guide”** in Amazon Kindle.

Resource Person

- Dr.S.Suganthi act as resource person as one day workshop titled on **“Plants and Python”** at G.Venkataswamy Naidu College,Kovilpatti on 03.08.2025.
- Dr.S.Suganthi act as resource person as one day workshop titled on **“GVNCLMS”** at G.Venkataswamy Naidu College,Kovilpatti on 04.08.2025.
- Dr.S.Suganthi act as resource person as one day workshop titled on **“Introduction to E-content Development and AI Tools for Educational Content Creation”** at Krishna Vishwa Vidyapeeth (Deemed to be University), on 17.02.2025.
- Dr.S.Suganthi act as resource person as one day workshop titled on **“Non-Teaching Staff members”** at G.Venkataswamy Naidu College, on 17.02.2025.
- Dr.S.Suganthi act as resource person as one day workshop titled on **“Python Crash Course”** at G.Venkataswamy Naidu College, on 17.02.2025.
- Dr.S.Suganthi act as resource person as one day workshop titled on **“Python Coding Skills”** at Mathematics Department G.Venkataswamy Naidu College, on 17.02.2025.
- Dr.S.Suganthi delivered a guest lecture on **“Data Analytics Tools and Techniques”** in Department of B.Com-Business Analytics on 25.03.2023.
- Dr.S.Suganthi delivered a guest lecture on **“C Coding Skills”** in department of Chemistry, GVN College,kovilpatti on 07.02.2023.
- Dr.S.Suganthi delivered a guest lecture on **“C for Everyone”** in department of Chemistry, GVN College,kovilpatti on 07.02.2022.
- Dr.S.Suganthi delivered a guest lecture on **“kani tamil payirchi”** in department of Computer Science,K.R College,kovilpatti on 07.08.2023.
- Dr.S.Suganthi delivered a guest lecture on **“Tamil kani payirchi”** in department of Tamil, GVN College,kovilpatti on 23.08.2023.
- Dr.S.Suganthi delivered a guest lecture on **“Cyber Security”** in department of IT,GVN College,kovilpatti on 05.07.2022.

Awards

- Dr.S.Suganthi received a **Senior Innovator Award** in SCI-TECH Award sponsored by TNSCST-2023 at GVN College,Kovilpatti.
- Dr.S.Suganthi recognized a **Best Faculty Award** in Infosys Campus Connect Programme and achieve Gold Partnership.



(Dr.S.SUGANTHI)