

**Name : Dr.J.Savitha**

**Designation : Professor**

**Department : Information Technology**

**Qualification : M.Sc., M.Phil., Ph.D.**

**Experience : Teaching : 17 Years, 2 months      Research : 14 Years**

**Area of Specialization(s) : Cyber Security, Image Processing, Face Recognition**

**Email (Official ID) : savithaj@drngpasc.ac.in**



### Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph.D.	Computer Science	Karpagam University	2017
M.Phil.	Computer Science	Annamalai University	2009
M.Sc	Information Technology	Annamalai University	2005
B.Sc	Computer Science	Pioneer College of Arts and Science	2002

### Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
SET		Nil	
Online Certificate		Nil	

### Grants Received

Event Title	Agency	Amount	Date
One Day National Seminar on “Cyber Security Forensics – Issues and Challenges”	ICSSR, New Delhi	Rs. 75,000	02-Dec-19

POS Scheme – Awareness Programme on Digital Transactions – ( Grant Approved )	TNSCST, Chennai	Rs 15,000	Oct 2020
One Day National Seminar on “Innovations in ICT towards women education and empowerment ”	ICSSR, New Delhi	Rs. 1,25,000	24th-Aug-2022

## Projects

### Completed

<i>Project Title</i>	<i>Agency</i>	<i>Amount</i>	<i>Duration</i>
Nil			

### On-going

<b>Project Title</b>	<b>Agency</b>	<b>Amount</b>	<b>Duration</b>
Nil			

## Research Guidance

<i>Programme</i>	<i>No. of Scholars</i>	
	<i>Completed</i>	<i>Pursuing</i>
<i>Ph. D.</i>	-	3
<i>M. Phil.</i>	10	-

## Research Publications (Indexed)

### International

Dr.J.Savitha, **A Study on Face Recognition Techniques using variants**, IOSR Journal of Engineering (IOSRJEN), Volume – 7, Special Issue, Oct 2018, ISSN (e): 2250-3021, ISSN (p): 2278- 8719 (Indexed in Scopus).

Dr.J.Savitha, **Role of Face Recognition in Machine Learning**, IOSR Journal of Engineering (IOSRJEN), Volume – 7, Special Issue, Oct 2018, ISSN (e): 2250-3021, ISSN (p): 2278- 8719 ( Indexed in Scopus).

J.Savitha, **Application of Enhanced Clustering For Different Data Mining Techniques**, International Journal of Emerging Technologies in Engineering Research, Volume – 4, Issue 1, January 2016, ( Indexed in Scopus).

J.Savitha, Dr.A.V.Senthil Kumar,**Active Appearance Model and PCA Based Face Recognition System**, International Journal of Computer Science and Mobile technology, Volume – 4, issue 4,2015, ISSN:2320 – 088X ( Indexed in UGC )

J.Savitha, Dr.A.V.Senthil Kumar,**Face comparision using PSO Algorithm**, International Journal of Computer Trends and Technology, Volume -3 issue-2,2012, ISSN:2231-2803( Indexed in UGC

#### **National**

Dr.J.Savitha, Dr.V.Sulochana, **Design of Password Authentication Using Redundancy Bits for Accessing Cloud Server**, JUHI KHYAT Journal, Volume – 10, Issue 7, July 2020, ISSN :2278 – 4632 ( Indexed and listed in UGC CARE )

Dr.J.Savitha, Dr.V.Sulochana, **Design of Enhanced 3D Security System Using Graphical Password in Cloud Computing Environment**, JUHI KHYAT Journal, Volume – 10, Issue 7, July 2020, ISSN :2278 – 4632 ( Indexed and listed in UGC CARE ).

#### **Other Publications: International / National Journals**

##### **International**

J.Savitha, **A Survey on Privacy Preservation for Navigation in Multiple Roadside Unit using VANET**, International journal of Advanced Research in Computer and Communication Engineering, Volume – 4, Issue 12, December 2015.

J.Savitha, Dr.A.V.Senthil Kumar,**Face Recognition for Appearance model and Neural Network based on Illumination Images**, International journal of Software and Hardware Research in Engineering, Volume – 3, Issue 11, Nov 2015.

J.Savitha, Dr.A.V.Senthil Kumar, **SVD and HMM Based new Borns Matching**, International journal of Advanced Foundation and Research in computer, Volume – 2, Issue- 10,October 2015, ISSN: 2348-4853.

J.Savitha, Dr.A.V.Senthil Kumar,**Image Segmentation based Face recognition using enhanced SPCA and KNN method**, International Journal of Computer Science and Information Technologies., Volume -6, Issue 3,2015, ISSN:0975- 9646.

J.Savitha, Dr.A.V.Senthil Kumar,**Face Tracking and Detection using S-PCA and KLT method**, International Journal of Advanced Research in Computer Science and Management Studies, Volume -2 issue-2,2014, ISSN: 2321 – 7782.

J.Savitha, Dr.A.V.Senthil Kumar ,**Efficient Method for Face Recognition from Pose and Expression**, International Journal in Advance Research in Computer Science and SoftwareEngineering, Volume -3, issue -10,2013, ISSN:2277 128X.

Dr.J.Savitha Published paper entitled “ Smart Farming and its Applications” in International Journal of Innovative Research in Technology, Volume 10, Issue 3, August 2023, ISSN : 2349 – 6002

Dr.J.Savitha Published paper entitled “ Utilizing Machine Learning to find Plant Leaf Disease” in International Journal of Innovative Research in Technology, Volume 10, Issue 3, August 2023, ISSN : 2349 – 6002

Dr.J.Savitha Published paper entitled “ History of machine Learning with its advantages and its applications ” in International Journal of Innovative Research in Technology, Volume 10, Issue 3, August 2023, ISSN : 2349 – 6002

Dr.J.Savitha Published paper entitled “ A Review of Security issues involved in Block Chain Technology ” in International Journal of Innovative Research in Technology, Volume 10, Issue 5, October 2023, ISSN : 2349 – 6002

Dr.J.Savitha Published paper entitled “ Digital Forensics and Anti-Forensics Techniques ” in International Journal of Innovative Research in Technology, Volume 10, Issue 2, September 2023, ISSN : 2349 – 6002

Dr.J.Savitha Published paper entitled “Cyber Security and AI Powered Defences” in Journal of Indian Association for productivity , Quality and Reliability, Volume 49, Issue 2, December 2024, ISSN : 0970-0102.

Dr.J.Savitha Published paper entitled “Cyber Security and AI Powered Defences” in Journal of Indian Association for productivity , Quality and Reliability, Volume 49, Issue 2, December 2024, ISSN : 0970-0102.

### **Book Publications**

Dr.J.Savitha published a book on the title “Innovation in ICT towards Women Education and Empowerment-Impacts and Practices”,Aug 2022 ,ISBN:978-81-957709-3-9

Dr.J.Savitha published a book on the title “Enhanced Machine Learning Algorithms”,Lambert Acedemic Publishing ,2022,ISBN:978-620-0-25448

Dr.J.Savitha published a book on the title “2000 MCQs in Computer Science”,Lambert Acedemic Publishing ,2023,ISBN: 978-620-6-68573-9

Dr.J.Savitha published a book on the title “Fundamentals of Data Mining Concepts”, Priyam Publications ,2024,ISBN: 978-81-983281-7-5

## Consultancy

Nature of Consultancy	Client	Amount	Completion Status
Web Development	Chendhur Law Associates	Rs 16,000	Completed

## Presentations in Conference

### International

**Face recognition using different methods in neural networks**, International Conference on Advanced Computing , Enginnering and Technology( ICACET 2012, University of Malaya, kuala lumpur, Malaysia, 21.01.12.

## Participation in Conference

Nil

## Participation in Seminars

### National

NAAC Sponsored National Seminar on Quality Education for Social Transformation  
.Paper Presented on “ Social media to enhance students learning experiences, 01.03.13 &02.03.13

## Participation in Workshop

Intellectual Property Rights, Sankara College of Science and Commerce , Coimbatore,21.07.18.  
Revised Assessment & Accreditation Framework of NAAC , Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Periyanaicken palayam, Coimbatore on 27.10.18.  
How to Tap Funding Agencies? Publishing Ethics & Plagarism Tool & Reference Management Tools for Research , Sankara College of Science and commerce , Coimbatore, 02.03.19.

## Participation in Orientation Programme / Short Term Courses

Nil

## Participation in Faculty Development Programme

Outcome Based Education” ,Sankara College of Science and Commerce , Coimbatore,23.06.18.

Introduction to PHP Programming” ICT Academy at Sankara College of Science and Commerce, Coimbatore ,24.7.18 and 25.7.18.

#### **Conference / Seminar / Workshop Organized**

Convener, ICSSR Sponsored National Seminar on Digital Cyber Security Forensics – Issues and Challenges, Sankara College of Science and Commerce, Coimbatore, 2.12.2019

#### **Invited Speaker / Session Chair- Conference / Seminar / Workshop**

Resource person in 7 days NSS Residential camp Organized by Sankara College of Science and Commerce in association with Bharathiar University conducted at Vinayagapuram, Vilankuruchi from 14.02.2019 to 20.02.2019 and delivered a talk on “Awareness on Social Media”.

Resource Person at United College of Arts and Science, organized by Department of management on the topic “Next Generation Database – Concepts and Architectures” on 24.07.2024.

Resource Person at Nirmala College for Women, organized by Department of Commerce with Business analytics on the topic “Data mining ” on 30.08.2024.

#### **Member in BoS**

Nil

#### **Editorial / Review Board Member**

1. Editorial Board Member, International Journal of Multidisciplinary Research and Modern Education , Since 2018
2. Editorial Board Member, International Journal of Engineering Research and Modern Education , Since 2018
3. Editorial Board Member, International Journal of Scientific Research and Modern Education, Since 2018
4. Editorial Board Member, International Journal of Current Research and Modern Education, Since 2018
5. Editorial Board Member, International Journal of Applied and Advanced Scientific Research Since 2018
6. Editorial Board Member, International Journal of Computational Research and Development, Since 2018
7. Editorial Board Member, International Journal of Interdisciplinary Research in Arts and Humanities, Since 2018
8. Editorial Board Member, International Journal of Advanced Trends in Engineering and

Technology, Since 2018

9. Editorial Board Member, Indo Journal of Multidisciplinary Research and Review, Since 2018

10. Editorial Board Member, International Journal of Recent Research and Applied Studies, Since 2018

#### **Membership in Professional Bodies**

<b>Name of the Professional Body</b>	<b>Nature of membership</b>	<b>Duration</b>
IAENG International Association of Engineers	Life Time	Life Time

#### **Awards / Honors**

<b>Awards / Honors</b>	<b>Agency / Institute</b>	<b>Year of Award</b>
Best Researcher	DK International Research Foundation	2018

#### **Recognition National / International**

<b>Nature of Recognition</b>	<b>Organization / Institution</b>	<b>Year</b>
Nil		