Name   : **P.Shanthi**

Photo   :

Department   : **Information Technology**

Designation   : **Asst. Professor**

Address   : **Virudhunagar Hindu Nadar's Senthikumara Nadar College, Virudhunagar, Tamil Nadu, India**

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

Experience in
Teaching   : **14 years**
Title of Dissertation :

                   : **Choatic based Robust Dual Image Watermarking using**
Ph.D   **Wavelet and other Transformations**

Area of Specialization: Digital Image Processing

Courses Attended:

Seminars Organized as Coordinator:

Workshops Organized as Coordinator:

1) As a Coordinator of Women wing, Dept of CS & IT (2014-2015):

    a) Organized One day Workshop on **'Making money with Mehandi'** handled by Ms.K.Kavitha, Assistant Professor, Dept of CS & IT, VHNSN College, Virudhunagar on 15-08-2014.

    b) Organized One day Workshop on **'Personal Grooming'** handled by Mrs. P.Sumathi , Relax Beauty Parlour ,Virudhunagar on 10-01-2015.

    c) Organized one day Workshop on **'Paper Quilling'** handled by Mrs.

S.Mahalakshmi, Virudhunagar on 24-01-2015.

2) Organized 10 days '**Workshop on MATLAB'** for PG students of CS and IT on 12-07-'14.

3) Organized 7 days '**Workshop on Photoshop'** for UG II year IT and CS students from 13-8-'14 to 1-9-'14.

4) Organized 10 days '**Workshop on MATLAB'** for PG students of CS and IT from 3.9.15 to 1.10.15.

5) Organized one day workshop on **'Power Point slide preparation'** for I year UG Personality Development Cell students on 22-09-15.

6) Organized 10 days '**Workshop on MATLAB'** for PG students of CS and IT from 15.9.16 to 1.10.16.

7) Organized 7 days '**Certificate course on Dreamweaver'** for UG II year IT students from 24-6-'16 to 11-7-'16.

8) Organized 7 days '**Workshop on Photoshop'** for UG II year IT and CS students from 28-3-'16 to 7-4-'16.

9) Organized 10 days '**Workshop on MATLAB'** for PG students of CS and IT from 6.9.16 to 20.9.16.

10) Organized 10 days '**Workshop on Dreamweaver'** for UG students of CS and IT from 19.12.16 to 4.1.17.

11) Organized one day workshop on **'Power Point slide preparation'** for I year UG Personality Development Cell students on 22-12-16.

12) Acted as a resource person in' **Free Computer Awareness Course** ' organized by IQAC fro I B.A English students on 3-07-17 to 12-07-17.

13) Organized 7 days workshop on" **Certificate course on CorelDraw**" on 13-09-17 to 22.09.17.

14) Organized one day workshop on **'Stress Management'** for I year UG Personality Development Cell students on 23-01-18.

15) Acted as a resource person in' **Free Computer Awareness Course** ' organized by IQAC fro I B.A English students on 10-07-18 to 17-7-18.

16) As a Coordinator of Women wing, Dept of IT (2017-2018):

    a) Organized One day Workshop on **'Silk Thread Stud Making'** handled by Dr.P.Shanthi, Assistant Professor, Dept of IT, VHNSN College, Virudhunagar on 30-07-2018.

    b) Organized One day Workshop on **'Making of Silk Thread Chain'** handled by Dr.P.Shanthi, Assistant Professor, Dept of IT, VHNSN College, Virudhunagar on 3-09-2018.

17) Organized one day '**Workshop on Angular JS'** for UG students of IT on 29.8.18.

18) Organized 7 days '**Certificate Course On Visual basic Programming'** for UG II year IT students from 2-7-'19 to 6-8-'19.

19) Organized one day workshop on **'Stress Management'** for I year UG Personality Development Cell students on 04-9-18.

20) Organized one day '**Workshop on Angular JS'** for other college students on 10-9-'18.

21) Acted as a resource person in' **Free Computer Awareness Course** ' organized by IQAC fro I B.A English students on 24-06-19 to 29-06-19.

22) Organized 30 days '**Value Added Course On Advanced Java Programing'** for UG III year IT students from 17-7-'19 to 16-9-'19.

23) Organized one day workshop on **'Stress Management'** for I year UG Personality Development Cell students on 30-7-19.

24) Acted as a Resource person in the topic Current trends in IT for 90th Birth Anniversary of Dr.APJ Abdul Kalam organized by 24 hours book talk Event 21st Century Indian Books on 15-10-2021.

25) As a Coordinator of Women wing, Dept of IT (2021-2022):

    a) Organized One day Workshop on **'Silk Thread Stud Making'** handled by Dr.P.Shanthi, Assistant Professor, Dept of IT, VHNSN College, Virudhunagar on 25-10-2021.

    b) Organized One day Workshop on **'Doll Making'** handled by I.Ilavarasi, Sewing Teacher, Government School, Pattampudur, on 06-05-2022.

26) Organized 7 days '**Certificate Course On OFFICE AUTOMATION'** for I year Physical Education Department students from 22-08-'22 to 29-08-'22.

27) Acted as a Resource person in the topic Current trends in IT for 90th Birth Anniversary of Dr.APJ Abdul Kalam organized by 24 hours book talk Event 21st Century Indian Books on 15-10-2021.

Seminars, Workshops and Conferences Attended:
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1) Participated in International Conference '**MIKE-2013'** Organized by Research Center in Computer Science, VHNSN College, Virudhunagar from 18-12-'13 to 20-12-'13.

2) Attended Five days ICTACT program on on **'ASP.NET Programming'** from 2-3-'15 to 6-3-'15 Organized by Dept. of Computer Science, G.V.N.College**,** Kovilpatti.

3) Attended Five days ICTACT program on on **'Java Fundamentals & Java Programming'** from 2-11-'15 to 6-11-'15 Organized by Dept. of Computer Science Engineering, Kamaraj Engineering College, Virudhunagar.

4) Attended Four days FDP program on **'Phython Programming'** from 14-11-'16 to 17-11-'16 Organized by Dept. of CS&IT, VHNSNC, Virudhunagar

5) Attended Five days FDP program on **'Android Application Development'** from 12-06-'17 to 16-06-'17 Organized by Dept. of Information Technology, VHNSNC, Virudhunagar.

6) Attended Two days ICTACT program on **'Introduction to BigData Analytics'**

from 14-02-'18 to 15-02-'18 Organized by IQAC,VHNSNC, Virudhunagar.

7) Attended one day FDP program on **'Outcome Based Education'** 10-10-'18 Organized by IQAC, VHNSNC, Virudhunagar

8) Attended one week online certification course on "Digital Teaching Techniques" from 24-01-2022 to 28-01-2022 organized by ICT Academy.

9) Attended Jul-Oct '19 NPTEL-AICTE FDP program on **' Programming in Java '** Secured in silver Medal.

10) Attended Jan-Mar '20 NPTEL-AICTE FDP program on **'Cloud Computing and Distributed Systems'** .

11) Attended Aug-Oct '21 NPTEL-AICTE FDP program on **'Big Data Computing '** Secured in silver Medal.

12) Attended Jan-Mar '22 NPTEL-AICTE FDP program on **' Data Base Management Systems'** .

14)Seminar and workshop attended(From April 2019 to May 2022)

Name of the Seminars/ Conferences/Symposia/ Workshops etc.	Name of the sponsoring Agency	Level	Place and Date
Leading in a VUCA World	ICT Academy	National	20 Apr 2020
Leading in a VUCA World	ICT Academy	National	21 Apr 2020
Leading in a VUCA World	ICT Academy	National	22 Apr 2020
Leading in a VUCA World	ICT Academy	National	23 Apr 2020
Leading in a VUCA World	ICT Academy	National	24 Apr 2020
The Future Is Here Now	ICT Academy	National	27 Apr 2020
The Future Is Here Now	ICT Academy	National	28 Apr 2020
The Future Is Here Now	ICT Academy	National	29 Apr 2020
The Future Is Here Now	ICT Academy	National	30 Apr 2020
The Future Is Here Now	ICT Academy	National	01 May 2020
The Power of A Teacher	ICT Academy	National	04 May 2020
The Future of Education, Employment & Entrepreneurship	ICT Academy	National	04 May 2020
The Future of Education, Employment & Entrepreneurship	ICT Academy	National	05 May 2020
The Future of Education, Employment & Entrepreneurship	ICT Academy	National	06 May 2020
The Future of Education, Employment & Entrepreneurship	ICT Academy	National	07 May 2020

The Future of Education, Employment & Entrepreneurship	ICT Academy	National	08 May 2020
The Future of Skills - Education, Employment & Entrepreneurship	ICT Academy	National	11 May 2020
The Future of Skills - Education, Employment & Entrepreneurship	ICT Academy	National	12 May 2020
The Future of Skills - Education, Employment & Entrepreneurship	ICT Academy	National	13 May 2020
The Future of Skills - Education, Employment & Entrepreneurship	ICT Academy	National	14 May 2020
Good Teacher to Great Teacher	ICT Academy	National	14 May 2020
5G as an Enabler In Digital Transformation	ICT Academy	National	18 May 2020
Global Mega Trends, Technologies & Covid 19 Impacting Sectors	ICT Academy	National	19 May 2020
Building Skills in Robotic Process Automation	ICT Academy	National	20 May 2020
Beyond Covid - Leading Through Change	ICT Academy	National	21 May 2020
Next Generation of Blockchain	ICT Academy	National	22 May 2020
Change is the Essence of Life	ICT Academy	National	25 May 2020
"Accelerating Industry 4.0 - A Post Covid Paradigm	ICT Academy	National	25 May 2020
Accelerating Industry 4.0 - A Post Covid Paradigm	ICT Academy	National	26 May 2020
Accelerating Industry 4.0 - A Post Covid Paradigm	ICT Academy	National	27 May 2020
Accelerating Industry 4.0 - A Post Covid Paradigm	ICT Academy	National	28 May 2020
Accelerating Industry 4.0 - A Post Covid Paradigm	ICT Academy	National	29 May 2020
Future of Education	ICT Academy	National	18 June 2020
Openshot Video Editor	Department of computer Applications,VHN SN.College	National	26,27/10/21

Paper Presented:

1) Presented a Paper entitled '**Chaos Based Image watermarking Scheme For Fractal-Wavelet**' in Third International Conference On

"INTERNATIONAL CONFERENCE ON MATHEMATICAL MODELING AND APPLIED SOFT COMPUTING" Organized by Dept. of Mathematics by Coimbatore Institute Of Technology , Coimbatore on 11th and 12th July, 2012.

2) Presented a Paper entitled **'Dual Image watermarking Using DWT and Chaotic Maps'** in Third International Conference On **"Hi-Tech Trends in Emerging Computational Technologies"** Organized by Dept. of Computer Science by Sethu Institute of Technology, Kariapatti on 9th and 10th April, 2015.

3) Presented a Paper entitled **'Dual Image watermarking Based on DWT and SVD'** in Second International Conference On **"Computational Intelligence"** Organized by Dept. of Computer Science by Sethu Institute of Technology, Kariapatti on 9th and 10th April, 2015.

4) Presented a Paper entitled **'Edge based Dual Image watermarking Using Fibonacci Transform'** in Second International Conference On **"Electrical,Electronics and Computer Engineering"** Organized by Dept. of Computer Science and Electronics Engineering by Vivekanandha College of Engineering for Women, Tiruchengode on 22nd and 23rd March, 2016.

5) Presented a Paper entitled **'Cloud Computing and its Applications in Library and Information Sciences'** in National Conference On **"SALIS"** Organized by Dept. of Library and Information Sciences by V.H.S.N.College, Virudhunagar on 27th January, 2017.

6) Presented a paper **"Choatic Based Image Cryptography Using Wavelet Transform"** in "**International Conference on Computational Science & its Applications (ICCSA-2018)"** held at Sri S.Ramasamy Naidu Memorial College, Sattur on 16-03-2018.

7) Presented a paper **"The Role of Information Technology in Entrepreneurship"** in Third International conference on **"Transformation of Youth- A Lead to Skilled and Developed India"** held on 27&28th Feb 2018 at VHNSN College(Autonomous), Virudhunagar.

8) Presented a paper **"Enhancing Women Empowerment Through Information and Communication Technology" "** in Third International conference on **"Transformation of Youth- A Lead to Skilled and Developed India"** held on 27&28th Feb 2018 at VHNSN College(Autonomous), Virudhunagar

9) Presented a paper **"Online Publishing, Plagiarism & Research Integrity"** in "**Society for the Advancement of Library & Information Science(SALIS)"** held on 15th Feb 2019 at Central Library of VHNSN College(Autonomous), Virudhunagar.

Journal Publications:

1. Paper "**Robust Chaos Based Image watermarking Scheme For Fractal-Wavelet**" is published in **Applied Mathematical Sciences** Vol. 8 No.32,
1593-1604 (2014).

2. Paper "**Dual Image Watermarking using DWT and Choatic Maps**" is published in **International Journal of Applied Engineering Research** Vol.10 No.31 (2015).

3. Paper "**Image Watermarking using Fibonacci Transform** " is published an **Asian Journal of information Technology** Vol.15 No.9,1431-1436(2016**).**

4. Paper **"Edge Based Dual Image Watermarking Using Fibonacci Transform"** is published an **"International Journal of Future Innovative Science and Technology"** Volume-2, Issue-3, Sep - 2016**.**

5. Paper "**Dual Image Watermarking Based on DWT-SVD** " is published an "**International Journal of Future Innovative Science and Engineering Research** (IJFISER) **"** Volume-2, Issue-4, Dec - 2016**.**

6. Paper **"Choatic Based Image Cryptography Using Wavelet Transform"** is published in **International Journal of Engineering Research in Computer Science and Engineering** Vol.5 Issue.3 (2018).

7. Paper **"Digital Image Watermarking Algorithm Using Eigen Values and Singular Value Decomposition for Gray Level Images''** is published in **International Journal of Engineering Research in Computer Science and Engineering** Vol.5 Issue.3 (2018).

8. Paper **"Hybrid Image Cryptography using Artificial Neural Network and Discrete Wavelet Transform''** is published in **International Research Journal of Science, Engineering and Technology** Vol.10 Issue.1(2020).