

Tmt. N.SWARNALATHA,B.E.,  
LECTURER / COMPUTER ENGINEERING  
A.D.J. DHARMAMBAL POLYTECHNIC COLLEGE,  
(A Government Aided Co-Educational Institution & Affiliated  
to DOTE)  
Nagore Road, Kadambadi,  
Nagapattinam - 611 001.



Mobile No : 94420 88674\88384 91227

Email Id : nsl-ce@adjdpc.ac.in

#### QUALIFICATION

Degree	University /College	Specialization	Year of passing	Class
B.E.	Bharathiyar University \ Institute of Road & Transport Technology, Erode	Computer Science & Engineering	April 1990	First Class

#### TEACHING EXPERIENCE :

S. No	Nature of Experience	Name of the College / Institution	Position / Designation held	PERIOD		Duration		Total Exp
				From	To	Yrs	Months	
1.	Teaching Experience	i) A.D.J. Dharmambal Polytechnic College, Nagapattinam (Govt. Aided Institution)	Lecturer	5.09.1991	Till date	30	05	30
		ii) Arulmigu Meenakshi Ammal College of Engineering, Vadavamandal.	Lecturer	31.08.1990	1.09.1991	1	0	1
Total Experience						31 Yrs 5 months		

#### Membership in Professional Bodies:

Life member of Indian Society for Technical Education .

Life Membership Number : LM 77270

Details of Training courses Attended:

S. No	Name of Course	Place	Duration	Programme Sponsoring Agency
1.	Advanced Computer Hardware Service, Maintenance & Trouble shooting	A.D.J.Dharmambal Polytechnic College, Nagapattinam.	13.6.1994 – 22.6.1994	State project implementation unit, World Bank Assisted Second Technical Education Project, DOTE, Chennai
2.	Local Area Network	National Institute of Technical Teachers Training & Research, Chennai.	20.10.1999 - 24.10.1999	Government of India, Ministry of Human Resource Development
3.	Internet	VSNL, Chennai	20.10.1999 – 24.10.1999	VSNL & S.A. Internationa; Ltd., Chennai.
4.	Workshop on NBA Accreditation	NITTR, Chennai	2.9.2004 - 4.9.2004	Government of India, Ministry of Human Resource Development
5.	Financial Management	A.D.J.Dharmambal Polytechnic College, Nagapattinam	13.3.2004	IIPC, AICTE Delhi
6.	Visual Basic.Net	National Institute of Technical Teachers Training & Research, Chennai.	9.7.2007 – 13.7.2007	Government of India, Ministry of Human Resource Development
7.	Recent Trends in Multimedia & its impact on Modern Teaching in Technical Education	Women's Polytechnic College ,Puducherry	16.5.2011 – 27.5.2011	ISTE , WPTc Chapter, Puducherry
8.	Linux OS & Server Administration	National Institute of Technical Teachers Training & Research, Chennai.	1.8.2011 – 5.8.2011	Government of India, Ministry of Human Resource Development
9.	System Administration	Karaikal Polytrchnic College, Karaikal	10.10.2011 – 21.10.2011	ISTE Chapter, Pondicherry Institute of Post Matric Technical Education
10.	Advanced Networking Concepts	Periyar Centenary Polytechnic College, Vallam	9.1.2012 – 13.1.2012	AICTE, Delhi
11.	Advances in Research & Development of Autonomous	E.G.S. Pillay Engineering College, Nagapattinam	7.5.2012 –	AICTE, Delhi

	Robots		18.5.2012	
12.	New Research Tools for Evolutionary Robotics	E.G.S. Pillay Engineering College, Nagapattinam	13.5.2013 – 26.5.2013	AICTE, Delhi
13.	Personality Development Programme in Engineering & Management	E.G.S. Pillay Engineering College, Nagapattinam	29.5.2013 – 30.5.2013	AICTE, Delhi
14.	Reverse Osmosis :Principles & Applications	Pondicherry Engineering College,Puducherry	17.6.2013 – 21.6.2013	TEQIP
15.	Data structures using C programming Language	National Institute of Technical Teachers Training & Research, Chennai.	16.9.2013 – 20.9.2013	Government of India,Ministry of Human Resource Development
16.	Distributed Generation: The power structure of next generation	Coimbatore Institute of Technology, Coimbatore	3.10.2013 – 9.10.2013	TEQIP -II
17.	Paradigms of computing	Bharathidasan Institute of Technology, Anna University Campus, Trichy.	2.12.2013 – 8.12.2013	TEQIP -II

**PUBLICATION DETAILS :**

S.No	Title of paper	Name of the journal Month and year of acceptance	Publication details Vol.No,Month,Year	ISSN/ISBN Number
01	Review on Blood Vessel Segmentation Techniques in Retinal Images	South Asian Journal of Research in Engineering Science and Technology August 2018	Volume 3, Issue 10, pp. 11–19, October 2018	e-ISSN: 2455-9261
02	ANN Based Agricultural Crop Predictor	South Asian Journal of Research in Engineering Science and Technology December 2018	Volume 4 ,Issue 1, pp. 1–9, January 2019	e-ISSN: 2455-9261
03	Energy- efficient communication scheme for MANETS	International Journal of Research in Engineering, Science and Management January 2019	Volume 2, Issue 1, pp.576–580, January 2019	ISSN(Online)2581-5792

**INDUSTRIAL TRAINING :**

Organisation	Title	Duration	Training Attended

Rajiv Gandhi memorial Telecom training Centre,Chennai	Communication & Network Technologies	26.05.2020 -13.06.2020 ( 3 weeks )	BSNL, Nagapattinam
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**ONLINE FDPs Attended:**

S. No	Name of staff development programme	Duration	Organised by	Programme Sponsoring Agency
1.	Python programming workshop	30.05.2020 - 3.06.2020	Vellammal engineering College,Ambattur	Department of Computer Science & Engg.
2.	ICT Tools for Effective Teaching and Learning	08.06.2020 - 14.06.2020	Murugappa Polytechnic College, Chennai	ISTE Chapter
3.	Python Programming for Beginners	29.06.2020 - 04.07.2020	University College of Engineering, Ramanathapuram	Department of Computer Science & Engg.
4.	Recent Trends in Digital Technologies	7.07.2020 - 11.07.2020	The American College, Madurai	Department of Computer Science
5.	Evolution of IOT & its Real Time Applications	13.07.2020 - 17.07.2020	Malla reddy Institute of Technology & Science, Hyderabad	Department of Computer Science & Engg.
6.	Artificial Intelligence in health care	16.07.2020 - 22.07.2020	Kumara guru College of Technology, Coimbatore	Department of Electronics & Communication Engg.
7.	Cyber Security & Resilience of Smart Grid	27.07.2020 - 1.08.2020	KSG College of Technology	AICTE
8.	Big Data Analytics	03.08.2020 - 08.08.2020	Saranathan College Of Engineering, ,Trichy	AICTE
9.	Teaching Learning Pedagogies	07.08.2020 - 12.08.2020	A.G.Patil Polytechnic Institute , Solapur , Maharashtra	AICTE Sponsored Quality Improvement Scheme,
10.	Basics of scilab	10.08.2020 - 14.08.2020	NITTTR.BHOPAL	Ministry of Human Resource Development ,Government of India
11.	Machine Learning & Deep Learning Techniques with its Applications	18.08.2020 - 22.08.2020	Rajasthan Technical University, Kota Poornima College of Engineering, Jaipur	TEQIP – III

12.	Effective Training	17.08.2020 - 21.08.2020	NITTTR, KOLKATTA	Ministry of Human Resource Development ,Government of India
13.	Internet of health care	24.08.2020 - 29.08.2020	Dr.Mahalingam College of Engineering & Technology, Pollachi	AICTE
14.	Design and Analysis of Algorithms	24.08.2020 - 28.08.2020	NITTTR, KOLKATTA	Ministry of Human Resource Development ,Government of India
15.	Introduction to Coding Theory	31.08.2020 - 04.09.2020	NITTTR, KOLKATTA	Ministry of Human Resource Development ,Government of India
16.	3D Printing & Design" from	7.9. 2020 - 11. 9.2020	Sri Krishna College of Engineering and Technology	AICTE Training And Learning (ATAL) Academy
17.	Internet of Things (IoT)	14.9.2020 - 18.9.2020	Dr Mahalingam college of Engineering and Technology	AICTE Training And Learning (ATAL) Academy
18.	ICT Tools for Teaching and Learning	05.10.2020 - 16.10.2020	NITTTR, KOLKATTA	Ministry of Human Resource Development ,Government of India
19.	Testing of Drinking Water and Ambient Air	02.11.2020 - 13.11.2020	NITTTR, KOLKATTA	Ministry of Human Resource Development ,Government of India
20.	Online Teaching Tools for educators	14.06.2021 - 20.06.2021	Murugappa Polytechnic College, Chennai	ISTE Chapter

#### ONLINE WORKSHOPS Attended :

S. No	Name of staff development programme	Duration	Organised by
1	Basic Arudino Programming	19.05.2020 - 21.05.2020	Kongu Engineering College,Perundurai
2	Digital & professional skills for industry readiness	23. 06. 2020 - 26. 06. 2020	PSG Polytechnic College Peelamedu, coimbatore-
3	Using amazon Cloud	15.7.2020 - 17.7.2020	Valivalam Desikar Polytechnic College, Nagapattinam
4	Introduction to Web Development	17.07.2020 - 19.07.2020	Spoorthy Engineering College, Hyderabad

5	Introduction to Block chain	30.07.2020 – 31.07.2020	Army Institute of Technology
6	Best Practices of ICT Tools in Teaching and Learning	03.08.2020 – 08.08.2020	Jagadguru Rambhadracharya divyang university Chitrakoot
7	Recent advances in Material Science	08.08.2020 – 10.08.2020	St.Joseph Institute of Technology, Chennai

#### ONLINE WEBMINARs & Quiz Attended :

S. No	Name	Duration	Organised by
1	You- 2.0	18th May 2020	Sri Venkatasawara college of Technology, Chennai
2	Applications of space Technology in our day to day life	19th May 2020	Sri Venkatasawara college of Technology, Chennai
3	Red Hat Enterprise Linux, Virtualization & Containers to start your journey towards Cloud	22nd May 2020	Sri Venkatasawara college of Technology, Chennai
4	Arudino Programming	29th May 2020	P.A.C.R. Polytechnic College, Nagapattinam
5	An IOT – Eye-Opener Session	5th June.2020	Paavai Engineering Collge, Nammakal
6	Concept of Medical Video Compression & its applications	14th June.2020	Saveetha engineering College
7	Medical Image Processing Using Python	16th June.2020	Saveetha engineering College
8	Epitome of Tax Saving Tips	16th June 2020.	S.I.V.E.T.COLLEGE, Gowrivakkam, Chennai
9	Image Processing	17th June.2020	Moint Zion College of Engineering & Technology, pudukottai
10	Digital Classroom	18th June 2020,	Central Polytechnic College, Taramani
11	MHRD – IIC Sponsored Impact Online Lecture Series - I	25th June 2020,	A.V.C. College of Engineering, Mannampandal
12	Future Teachers in Engineering	30th June 2020.	Sree Sastha Institute of Engineering & Technology, Chennai
13	Swift programming for IOS Application Development	11th July.2020	KPR Institute of Engineering & Technology, Coimbatore
14	Tools for conducting Online quiz & coding competition	19th July.2020	MAKE-IT ACADEMY
15	Financial Planning - post Covid	5th August 2020,	Srinivasa Subbaraya Polytechnic College, puttur

16	National Level Online Quiz entitled JAVA	5th May 2020	Department of Computer Applications and PG Department of Information Technology, MAZHARUL ULOOM COLLEGE, AMBUR
17	National Level Entrepreneurship Awareness Quiz	13th June 2020.	Entrepreneurship Development Cell, Murugappa Polytechnic College, Chennai
18	Environment Awareness quiz	17th June 2020.	Thiagaraja Poytechnic College, salem
19	Code Quest	8th Aug 2020.	Department of Computer science & Engg, Sri Eswar college of engineering, Chennai

**Responsibilities undertaken:**

1. HOD i/c – Computer Engineering from July 1998 to May 2007
2. Placement officer from June 2010 to May 2012
3. Aview Coordinator June 2015 to March 2017
4. NSS Programme Officer from September 2012 to August 2019
5. Department Exam cell Coordinator from June 2011 to April 2019
6. Deputy Warden





