




Faculty Profile

Name	: P. THIRUVALAR SELVAN			
Date of Birth	: 17.03.1974			
Highest Qualification:	Ph.D			
Date of Joining	: 24.06.2013			
Designation	: PROFESSOR			
Date of promotion (Present Designation):				
Area of Interest	: ANN, PLANAR ANTENNA, CAD FOR MICROWAVE CIRCUITS			
Mobile No	: +91 9443191832	Email ID	: thiruvallar@gmail.com	
Experience	: Teaching: 17Yrs & 2 Months	Industry	: nil	Research: 4Yrs
Address (for Communication)	: 5/35, Middle Street, Panayakurchi, Sarcarpalayam, Trichy -10			

Association with Professional Bodies

Name (Professional Body)	MIE	ISTE	SEMCE(I)	IAENG
Type of Membership and No.:	LM -121028-1	LM - 45759	LM - 1268	LM - 137073

Research

Ph.D Guidance					
Supervisor / Guideship No.:	2340400	University:	Anna University	No. of Scholars:	06
Publication*					
International Journals	: 26	National Journals	:	02	
International Conference	: 29	National Conference:		03	
Project Grants(Research projects guided or undertaken/Sponsored Projects)					
Received(Amount)	: --	Applied(Amount)	:	--	
Patent					
Published	: 02	Granted	:	--	

Books

Published	: 01
-----------	------

FDPs/ STTPs/ Workshops/ Seminars etc.,

FDP		STTP		Workshop		Seminar		Others	
Attended:	19	Attended:	15	Attended:	04	Attended:	02	Attended:	7
Organized:	--	Organized:	--	Organized:	--	Organized:	--	Organized:	

Online courses (NPTEL, MOOC etc.)	32
-----------------------------------	----

***List of Publications:**

15. S Santhanam, M Alagarsamy, **P.Thiruvallar Selvan**, ANZ Rashed, SH Ahammad, “Performance Signature and Analysis of Patterned Surfaces Trapezoidal Patch Antenna Array with Defected Ground Structure”, Journal of The Institution of Engineers (India): Series B, pp. 1-11, 2024.
14. Suganthi Santhanam, Santhakumar Govindasamy, M. Thilagaraj, **P. Thiruvallar Selvan** Manjunathan Alagarsamy “ Rectangular Slot Antenna Array for Dual Band Medical Applications” The International Journal on Communications Antenna and Propagation (IRECAP) Vol 13, No 4 (2023) ISSN: 2039-5086, pp. 213-220.
DOI: <https://doi.org/10.15866/irecap.v13i4.23075>,
13. S Suganthi, **P.Thiruvallar Selvan**, “Trapezoidal Microstrip Patch Antenna Array for Low Frequency Medical Applications”, Wireless Personal Communications, 126 (2), pp. 1721-1732, 2022.
12. C. Chellaswamy, T. S. Geetha, **P. Thiruvallar Selvan**, A. Arunkumar, “6-phase DFIG for wind energy conversion system: A hybrid approach”, Sustainable Energy Technologies and Assessments, 53, Part B, 2022, 102497, (SCI Indexed, Impact Factor: 7.5)
<https://doi.org/10.1016/j.seta.2022.102497>.
11. Suganthi Santhanam , **Thiruvallar Selvan Palavesam** “Comparative characterization of microstrip patch antenna array with defected ground structure for biomedical application” Bulletin of Electrical Engineering and Informatics , Vol. 11, No. 1, February 2022, pp. 346 -353, ISSN: 2302-9285, DOI: 10.11591 / eei.v11i1.3549.
10. S Santhanam, **P Thiruvallar Selvan**, “New Approach of Efficiency Improvement in 10 dB Doherty Power Amplifier for 4G LTE and 5G Wireless Applications,” Applied Computational Electromagnetics Society Journal 36 (4), 379, 2021.
9. N.Thamil Selvi, **P. Thiruvallar Selvan**, S.P.K.Babu and R. Pandeeswari “ Multiband metamaterial-inspired antenna using split ring resonator” journal of Computers and Electrical Engineering (Elsevier) doi.org/10.1016/j.compeleceng.2020.106613, pp.1 – 13, Volume 84, June 2020.
8. S. Suganthi, and **P. Thiruvallar Selvan** “Zigbee Based Intelligent Forest Monitoring System Using Wireless Sensor Network” JOURNAL of WAFFEN-UND KOSTUMKUNDE, Vol. 11, Issue 4, ISSN NO: 0042-9945, pp.192 – 197, April 2020.
7. S. Suganthi and **P. Thiruvallar Selvan** “Copper Cladding CPW Fed Single Layer Antenna for UWB Applications”, International Journal of Psychosocial Rehabilitation, ISSN: 1475-7192, DOI: 10.37200/IJPR/V24I5/PR201752, Vol. 24, Issue 05, pp.820-828, 2020.
6. S. Suganthi and **P. Thiruvallar Selvan** “Defected Ground Micro strip Patch Antenna For WLAN applications”, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Vol.08, Issue 09, pp.1575- 1579, 2019.
5. S. Suganthi and **P. Thiruvallar Selvan** “Loss Analysis of Wideband RF MEMS Shunt Capacitive Switch in T and Π -Match Configurations”, The Applied Computational Electro- magnetic Society Journal (ACES), ISSN: 1054-4887, Vol. 33, No. 9, pp. 1034-1034, 2018.
4. N.Thamil Selvi, **P. Thiruvallar Selvan** and S.P.K.Babu “EC-SRR Inspired CPW-Fed Triple Band Antenna with Staircase Shaped Ground Plane for WLAN and C-band Applications”, International Journal of Microwave and Optical Technology, ISSN: 2018-4-1533, Vol.13, No.4, pp.299-309, 2018.

3. N.Thamil Selvi, **P. Thiruvallar Selvan** and S.P.K.Babu “A Broad-side coupled SRR Inspired CPW Fed Dual Antenna for WiMAX and Wave Applications”, Progress In Electromagnetics Research C, ISSN:1937-8718, Vol.80, doi:10.2528 /PIERC1710190, pp.221-231, 2018.
2. N.Thamil Selvi, **P. Thiruvallar Selvan** and S.P.K.Babu “An Inset-fed Rectangular Microstrip Patch antenna with Multiple split Ring Resonator Loading for WLAN and RFID Applications”, Progress In Electromagnetics Research C, ISSN:1937-8718, Vol.81, pp.41-52, 2018.
1. S. Suganthi and **P. Thiruvallar Selvan** “High-Power High-Isolation RF-MEMS Switch Using a Shunt Protection Technique”, Journal for Advanced Research in Applied Sciences, ISSN: 2394-8442, Vol. 5, Issue 4, pp.407-410, 2018.

Book Chapter

1. C. Chellaswamy, **P. Thiruvallar Selvan**, S. Markkandan, T. S. Geetha, “Brain Tumor Segmentation Utilizing MRI Multimodal Images with Deep Learning,” CRC Press, 2023. DOI: 10.1201/9781003277002