



ANNA UNIVERSITY REGIONAL CAMPUS - TIRUNELVELI
TIRUNELVELI – 627 007

Dir : 0462-2554055

Office: 0462 – 2554255

Fax : 0462-2552877

RESEARCH SUPERVISOR DETAILS

NAME (CAPITAL LETTERS) Dr. N. KUMARASABAPATHY
DESIGNATION Assist Professor (Sr. Gr.)
DEPARTMENT Electrical and Electronics Engineering
MAIL ID nkspathy@gmail.com, nkspathy@autttvl.ac.in
FACULTY Faculty of Electrical Engineering
SUPERVISOR REG. NO 3730001



TOTAL .NO.OF RESEARCH SCHOLAR (ONGOING):

REGISTER NUMBER (FULL TIME)	NAME OF THE SCHOLAR
-	-

REGISTER NUMBER (PART TIME)	NAME OF THE SCHOLAR
21244897540	Muthulakshmi S
22123891156	Alagulingam M
22143897118	Eugine Paul P
22244897170	Priya Magdalin I
23123891168	Subash V

RESEARCH SCHOLARS (COMPLETED):

REGISTER NUMBER(FT/PT)	NAME OF THE SCHOLAR
-	-

PUBLICATIONS OF THE SUPERVISOR:

NAME	YEAR	TITLE	JOURNAL NAME	VOLUME & ISSUE	IMPACT FACTOR
Geoffrine Judith.M.C and N.Kumarasabapathy	2011	STUDY AND ANALYSIS OF IMPULSE NOISE REDUCTION FILTERS	Signal & Image Processing: An International Journal (SIPIJ), ISSN : 2229 – 3922	Vol.2, No.1., pages 82 to 92	
N. Kumarasabapathy and P. S. Manoharan	2015	MATLAB Simulation of UPQC for Power Quality Mitigation Using an Ant Colony Based	The Scientific World Journal, Hindawi publishing corporation, CiteScore2.800, 2356-6140 (print); 1537-744X (web),	Volume 2015 Article ID 304165, 9 pages. 2356-6140,	0.398



ANNA UNIVERSITY REGIONAL CAMPUS - TIRUNELVELI
TIRUNELVELI – 627 007

Dir : 0462-2554055

Office: 0462 – 2554255

Fax : 0462-2552877

		Fuzzy Control Technique			
N. Kumarasabapathy and P. S. Manoharan	2015	Performance Evaluation of a Three-Phase Four-Wire UPQC in a Modified Circuit of Neutral-Clamped VSI Topology	Australian Journal of Basic and Applied Sciences, ISSN:1991-8178.	Volume 9 - 23, Pages 424-430	2.5
A Sharmila and N.Kumarasabapathy	2015	Voltage Balancing Control of Energy Storage System Based On a Hybrid Cascaded Multilevel Converter	The International Journal of Applied Engineering Research, ISSN 0973-4562, © Research India Publications;	vol. 10, no.55, pp. 3575-3578	-
Meega T Kumarasabapathy N	2015	Solar Irradiance Measurement Using Neuro Fuzzy Network	International Journal of Engineering and Computer Science ISSN: 2319-7242.	vol.4, issue page. 6, pp. 12352-12356	-
N.Kumarasabapathy and P.S.Manoharan K.Sureshkumar	2015	Cooperative Control of Dstatcoms To Reduce Voltage Fluctuations	International Journal of Applied Engineering Research, ISSN 0973-4562, © Research India Publications;	vol. 10, no. 5 (2015), pp. 4393-4397.	-
N Kumarasabapathy, PS Manoharan, M Ramasamy	2020	Experimental validation of solar panel integrated modified three-port active clamp flyback converter fed micro-inverter	Semiconductor Science and Technology, Semiconductor Science and Technology, Institute of Physics -IOP Publishing, ISSN: 1361-6641	Volume 35, Issue 10, pages 1 to 15	2.048
Kumarasabapathy N & Ramasamy M	2020	Modified isolated power factor correction Cukconverter fed BLDC motor drive with Fuzzy Logic Controller for pumping applications	Journal of the Chinese Institute of Engineers, Taylor & Francis, , ISSN - 0253-3839, 2533839	Volume 43, Issue 06, Pages 553-565	4.231
S. Muthulakshmi Dr.N. Kumarasabapathy C.Rajesh Kumar	2021	AN OVERVIEW OF IOT ENABLED SMART HOME AUTOMATION SYSTEMS	Journal – ICON (Integrating Concepts), ISSN 2456-6071	Vol. 6, Issue 1, January 2021, pages 1 to 9	0.886
Priya Magdalin and	2021	DETECTION OF PV ARRAY USING	International Journal of Emerging Technology in	Volume 28 Issue 9 –	4.780



ANNA UNIVERSITY REGIONAL CAMPUS - TIRUNELVELI
TIRUNELVELI – 627 007

Dir : 0462-2554055

Office: 0462 – 2554255

Fax : 0462-2552877

Dr.N.Kumaras abapathy		IMAGE PROCESSING	Computer Science & Electronics (IJTCSE) ISSN: 0976-1353.	OCTOBER 2021, pages 8 to 10	
S.Girija 1, J.Angeline Jemina2, N.Kumarasaba pathy,	2021	IOT Based Under Water Communication Using Laser Networking	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE), Seventh Sense Research Group e-ISSN: 2278 – 8875, p-ISSN: 2320 – 3765 www.ijareeie.com	Volume 10, Issue 2, February 2021, DOI:10.15662/IJAREEIE.2021.1002019, ISSN 2278-8875, pages 502-506	7.122

HONOURS / AWARDS (RECEIVED FROM PUBLISHER):