

## Research and Development

### Academic Research

S.No	Academic Year	International Journal	National Journal	International Conference	National Conference	Total
1	(2017-2018)	4	0	4	-	8
2	(2016-2017)	8	0	52	0	60
3	(2015-2016)	12	0	22	0	34
	<b>Total</b>	<b>29</b>	<b>1</b>	<b>88</b>	<b>21</b>	<b>139</b>

### CAY(2017-2018) -International Journal Publications

### Scopus Publication

S. No.	Paper	Abstracted and Indexed in	Impact Factor	Citation Count	DOI
1	<b>Sobana subramani</b> , Rames C.Panda and Bidisha panda Studies on performances of membrane, draw solute and modeling of forward osmosis process in desalination – a review, Desalination and water treatment,vol.70, 2017,pp.46-63.		1.69	-	
2	<b>Gunaselvi Manohar</b> , & Surya prakasa Rao Kavuri An Evolutionary Path For Control of Air Pollution From Road Transport, Environmental Engineering and Management Journal,vol.16,No.1, 2017,pp.15-24.		1.096	-	

## **Non Scopus Publication**

- [1]. Saishashank Balaji, Rahul.S, Sriram.J, Sathyanarayanan.K.B, **Dr.Gunaselvi Manohar**, ” A complete solution for indoor localisation in underground tunnel and mines Performance Improvement forr LTE-OFDM System With MIMO Beam forming”, International Research Journal of Engineering and Technology (IRJET) ,Vol.5 , Issue5, pp 3751-3756, May 2018.
- [2]. **K.Kalaivani**, Sadhasivam.S, Saravanakumar.S, Saravanan.K ,Vinoth kumar.G , “IOT based Power Management, Theft detection and Power optimization”, International Journal of Science and Engineering Research (IJOSER),Vol.6 , Issue 6, June 2018.

### **CAY (2017-2018) -International Conference Publications**

- [1].P.Navaseelan & N.S.Bhuvaneswari, “Fuzzy based fault detection and isolation of super heater faults in industrial boiler”, in proceedings of IEEE International conference on Technological Innovations in Communication, Control and Automation (TICCA), pp. 25-30, 2018.
- [2]. T.Kalaiselvi,K.Selvasundar & M.K.Kumaresan “Maximizing Light Cycle Oil (Lco) production in fluid catalytic cracker”, in proceedings of IEEE International conference on Technological Innovations in Communication, Control and Automation (TICCA), pp. 44-48, 2018.
- [3]. S.Nagarajan & B.Karthikeyan, “Robust fault tolerant satellite launcher flight control system “, in proceedings of IEEE International conference on Technological Innovations in Communication, Control and Automation (TICCA), pp. 55-58, 2018.
- [4]. Kaushik Raghunath, S.Ajay Viknesh, A.Kanagasabai, R.Krishna prasaad & S.Sobana “Intelligent level control in horizontal cylindrical tank “, in proceedings of IEEE International conference on Technological Innovations in Communication, Control and Automation (TICCA), pp. 17-22, 2018.

**CAY(2016-2017) -International Journal Publications**

<b>S. No</b>	<b>Paper</b>	<b>Abstracted and Indexed in</b>	<b>Impact Factor</b>	<b>Citation Count</b>	<b>DOI</b>
1	Navaseelan.P “Fuzzy based Robust Fault detection and isolation of faults in industrial boiler”, Asian Journal of Research in Social Sciences and Humanities Vol. 7, No. 10, September 2016, pp. 2020-28. ISSN 2249-7315.	Web of science	0.315	-	10.5958/2249-7315.2016.01271.5
2	Navaseelan.P “Robust Fault detection and isolation of faults in industrial boiler using neural networks”, IJCTA, Vol. 9 , No 28, pp 01-15,2016.	Google Scholar	-	-	-
3	K.Kalaivani, “A Novel Fuzzy based Bio-key management scheme for medical data security”, J Electr Eng Technol.2016; 11(5): 1509-1519 <a href="http://dx.doi.org/10.5370/JEET.2016.11.5.1509">http://dx.doi.org/10.5370/JEET.2016.11.5.1509</a> Pg no. 1509-1518, Sep 2016	Web of science	0.679	-	10.5370/JEET.2016.11.5.1509
4	K.Kalaivani, “An Efficient Water Marking Scheme for Medical Data Security with the Aid of Neural Network”, J Electr Eng Technol.2016; 11(5): 1509-1519 <a href="http://dx.doi.org/10.5370/JEET.2016.11.5.1509">http://dx.doi.org/10.5370/JEET.2016.11.5.1509</a> Pg no. 1509-1518, Sep 2016	Web of science	0.546	-	10.1590/1678-4324-2016161070

S. No .	Paper	Abstracted and Indexed in	Impact Factor	Citation Count	DOI
95	S.Malathi , “ Artificial Bee Colony based Cascaded Controller design for PVC Resin Polymerization” Research in Social Sciences and Humanities Vol. 6, No. 9, September 2016, pp. 38-54. ISSN 2249-7315	Web of science	0.315	-	10.5958/2249-7315.2016.00778.4
6	S.Malathi “Linear Identification and Control of reactor for Phthalic anhydride production process – Case study”, International Journal of Engineering Science and Research Technology, ISSN 2277-9655, pp: 601 – 613 Oct 2016	Web of science	4.116	-	10.5281/zenodo.163029
7	S.Sobana , “ Studies on performance of membrane draw diluted and modeling of forward osmosis process in Desalination –A review ”, Desalination and water treatment journal (70) 2017, 46-63.	Web of science	1.631	-	10.5004/dwt.2017.20480
8.	Gunaselvi manohar, “An Evolutionary Path For Control Of Air Pollution from Road Transport” ,Environment Engineering and Management Journal ,January 2017, Vol.16, No. 1, pp 15-24	Web of science	0.849	-	-

**CAY(2016-2017) -International Conference Publications**

<b>S. No.</b>	<b>Paper</b>	<b>Abstracted and Indexed in</b>	<b>Impact Factor</b>	<b>Citation Count</b>	<b>DOI</b>
1.	S.Nagarajan ,”Neural network based Intelligent Sensor Fault detection in a three tank Interacting Level Process”	Google scholar	-	-	10.1109/ICEEOT.2016.7755130
2.	S.Nagarajan, “Automation in Drinking and Waste Water Management System”	-	-	-	
3.	S.Nagarajan ,”Neural Network based Dynamic Threshold Generator for Sensor FailureDetection in a Three Tank Interacting Level Process”,2017.	TIMA 2017	-	-	-
4.	S.Nagarajan,“ Fault Detection of Wind Turbine System Using Adaptive Neuro-Fuzzy Networks, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
5.	S.Nagarajan,“Modeling and Analysis of Horizontal Axis Wind Turbine Using MATLAB/Simulink, International Conference On Technological Innovations In Communication, Control And	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE

S. No.	Paper	Abstracted and Indexed in	Impact Factor	Citation Count	DOI
	Automation – Ticca 2017”, April 2017.				
6.	Gunaselvi Manohar, “Modeling and Analysis of Horizontal Axis Wind Turbine Using MATLAB/Simulink, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
7.	S.Nagarajan, “ Design of gamma tone filter based personalized hearing aid solutions, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.				978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
8.	Sudha.R, “ Monitoring System for Gold mines using Visible Light Communication, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.				978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
9.	Sudha R, “ Finding Submerged Aircraft Through Location Transmission ”, International Conference On Technological Innovations In Communication, Control And				978-1-5386-1901-8/17/\$31.00 ©2017 IEEE

S. No.	Paper	Abstracted and Indexed in	Impact Factor	Citation Count	DOI
	Automation – Ticca 2017”, April 2017.				
10.	K.P.Kamini, “ Wireless Biomedical Parameter Monitoring Systems ”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.				978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
11.	K.P.Kamini, “ Wireless Biomedical Parameter Monitoring Systems”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.				978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
12.	Kamini.K.P, “ Patient Health Monitoring System ”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.				978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
13.	Dr. Gunaselvi Manohar, “ Smart Traffic Control Based on Traffic Density”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”,				978-1-5386-1901-8/17/\$31.00 ©2017 IEEE

S. No.	Paper	Abstracted and Indexed in	Impact Factor	Citation Count	DOI
	April 2017.				
14.	B.Chinthamani,“ Smart Surveillance Monitoring System using Autonomous Quadcopter”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.				978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
15.	S Sobana,“ Fuzzy Logic Based Ph Control Of Chemical Process ”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.				978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
16.	P.Navaseelan,“ Implementation Of Low Cost Obstacle Detection, Location Finding And Alerting System For Visually Impaired”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
17.	T.Kalaiselvi,“ Interactive Voice Response (IVR) Guided ATM for Blind People With Anti-Theft Features”,	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE



S. No.	Paper	Abstracted and Indexed in	Impact Factor	Citation Count	DOI
	International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.				
18.	Pearley Stanley, “ Smart Hand Glove For Visually Impaired”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
19.	V. Anjali Priya, “ Advanced Infant Monitoring”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
20.	S.Nagarajan, “ Smart Surveillance Monitoring System using Autonomous Quadcopter”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
21.	K.R.Sughashini, “ Radio Telemetry Based Automated Solar Weather Station”, International Conference On	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE

S. No.	Paper	Abstracted and Indexed in	Impact Factor	Citation Count	DOI
	Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.				
22.	K.Kalaivani,“ Medical Tricorder Using Naïve Bayes Artificial Intelligence To Identify A Disease By It’s Symptoms”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
23.	V.Sunanthini,“ Air Traffic Control Using Pic Microcontroller”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
24.	S.Malathi,“ Automated Ignition System And Anti Theft Security System In Two Wheelers”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE

S. No.	Paper	Abstracted and Indexed in	Impact Factor	Citation Count	DOI
25.	S.Malathi,“ Design of SIL2 Based Emergency Shutdown System for Gas Compressor using PLC and SCADA”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
26.	Gunaselvi Manohar,“ A Smart Wearable System For Prevention Of Post Operation Death”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
27.	B.Chinthamani,“ Automatic Braking System and Safety Controls ”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
28.	S. Sobana,“ Intelligent level control in horizontal cylindrical tank ”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”,	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE

S. No.	Paper	Abstracted and Indexed in	Impact Factor	Citation Count	DOI
	April 2017.				
29.	P.Navaseelan,“ Automated Bike Parking System ”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
30.	T.Kalaiselvi,“ Automated cpr with continuous heart rate monitoring”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
31.	Pearley Stanley,“ WSN BASED WIND ENERGY HARVESTING ”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
32.	V.Anjali Priya,“ Development of smart security and monitoring system for agriculture ”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”,	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE

S. No.	Paper	Abstracted and Indexed in	Impact Factor	Citation Count	DOI
	April 2017.				
33.	K.Kalaivani ,“ Analysis and Hardware Implementation of PSO based Decoupled Quadruple Tank System”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
34.	R.Sudha ,“ Spherical Tank Level Control System Using Conventional & Intelligent Control Strategies ”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
35.	Pearley Stanley ,“ Spherical Tank Level Control System Using Conventional & Intelligent Control Strategies ”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.				978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
36.	V.Sunanthini,“ Level control of three interacting system using fuzzy controller ”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”,	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE

S. No.	Paper	Abstracted and Indexed in	Impact Factor	Citation Count	DOI
	April 2017.				
37.	K.Kalaivani ,“ Level control of three interacting system using fuzzy controller ”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
38.	Malathi S ,“ EMG Based Prosthetic Limbs For Disabled People ”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
39.	K.P.Kamini,“ Pulsed Electromagnetic Field Therapy For Various Ailments ”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
40.	Gunaselvi manohar,“ Automatic Solar Tracker”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE

S. No.	Paper	Abstracted and Indexed in	Impact Factor	Citation Count	DOI
41.	Chinthamani.B ,“ Level Control Of A Conical Tank System Using Intelligent Controllers”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
42.	Navaseelan P.,“ Fuzzy based Fault Detection and Isolation of Super Heater faults in Industrial Boiler ”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
43.	T.Kalaiselvi,“ Maximizing Light Cycle Oil (Lco) Production In Fluid Catalytic Cracker ”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.	-	-	-	
44.	Pearley Stanley,“ IOT Based Infant Supervising System”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”,	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE

S. No.	Paper	Abstracted and Indexed in	Impact Factor	Citation Count	DOI
	April 2017.				
45.	R.Sudha ,“ IOT Based Infant Supervising System”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
46.	S.Sobana,“ Parameter Estimation, Modeling and IMC –PID Control of Flow-Temperature using Cascade Control Strategy”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
47.	S.Nagarajan,“ Robust Fault Tolerant Satellite Launcher Flight Control system”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
48.	K.R. Sughashini,“ Design and simulation of auxiliary resonant boost converter for renewable energy source using ZCS and ZVS”, International Conference On Technological	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE



S. No.	Paper	Abstracted and Indexed in	Impact Factor	Citation Count	DOI
	Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.				
49.	P.Navaseelan,“ Fault Detection of Wind Turbine System Using Adaptive Neuro-Fuzzy Networks International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
50.	Anjali Priya V,“ A Survey On Clustering Algorithms Used In Big Data ”, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
51.	K.R.Sughashini,“ Delaying Onset Of Paralysis And Treating Drop Foot Using EMG, International Conference On Technological Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.	-	-	-	978-1-5386-1901-8/17/\$31.00 ©2017 IEEE
52.	K.Kalaivani,“ Automated Calligraphy System To Ease Writing Process, International Conference On Technological				978-1-5386-1901-8/17/\$31.00 ©2017 IEEE

S. No.	Paper	Abstracted and Indexed in	Impact Factor	Citation Count	DOI
	Innovations In Communication, Control And Automation – Ticca 2017”, April 2017.				

#### CAYm1(2015-2016)- International Journal Publications

S. No.	Paper	Abstracted and Indexed in	Impact Factor	Citation Count	DOI
1	Dr.S.Nagarajan,” Control of Interacting Level Process Under Sensor Failure Conditions using Coactive Adaptive Neuro-Fuzzy Observe International Journal of New Technologies in Science and Technology, Vol.2, Issue.4. Pg no.243-257. Oct 2015	Google Scholar	6.01	-	-
2.	S.Nagarajan, S.Kayalvizhi and B. Karthikeyan, “Multiple ANFIS observers based sensor fault detection	Google Scholar	6.209	-	-

S. No .	Paper	Abstracted and Indexed in	Impact Factor	Citation Count	DOI
	and control in a satellite launcher”, International Journal of Innovative research in Science and Engineering, Vol2(1), Jan 2016.				
3	Gunaselvi Manohar, “Study about the Sources of Vehicular Pollution: A Data Mining Approach”, International Journal of Applied Engineering Research, ISSN 0973-4562, Vol.10, Issue 27, pp.21780–21784, 2015. (Scopus).	SCOPUS	-	-	-
4	Dr.Sobana.S, “Online monitoring of temperature using wireless module in a rotating Drum-Applicable to leather Industries, Sensors & Transducers, Vol 190, Issue 7, July 2015, pp 47-52	Google Scholar	0.732	1	
5	R. Lakshmi, “ Design and Development of GPS Guided Autonomous Ground Vechicle for Precision Farming “ Middle-East Journal of Scientific Research, Vol.24, Issue.2. Pg no. 221-225, ISSN 1990-9233, Jan 2016	Scopus		-	10.5829/idosi.mejsr.2016.24.S2.153
6	Parley Stanley, ” Development of Control system for Indigenous Electrospinning Machine” , Middle-	Scopus		-	10.5829/idosi.mejsr.2016.24.S2.235

S. No	Paper	Abstracted and Indexed in	Impact Factor	Citation Count	DOI
	East Journal of Scientific Research, Vol.24, Issue.2. Pg no. 319-324, ISSN 1990-9233, Jan 2016				
7	Mrs.T.Kalaiselvi, “Automation of FCC centered Oil Refinery for Diesel Maximization”, Int.Journal of Ad. Tech and innovative research(IJATIR), vol 8, issue 5,pp.996-100, Jan 2016.	-	-	-	-
8	Mrs.K.Kalaivani, “Robust Bio-Key Management Scheme for Telemedicine Applications in Body Area Networks”, Middle-East Journal of Scientific Research, Vol.24, Issue.2. Pg no. 227-233, ISSN 1990-9233, Jan 2016	Scopus	-	-	10.5829/idosi.mejsr.2016.24.02.22926
9	K.Kalaivani, “Performance Evaluation of Key Management Techniques for Real – Time Health Care”, International Journal of Applied Engineering Research, ISSN 0973- 4562, Research India Publications, vol.10, No.75, pp.17–22, August 2015. (Scopus)	Scopus	-	-	-
10	K.Kalaivani, “Multi Purpose Marine Wireless Networks for Fisherman Aid and Other Applications”, International Journal of Applied	Scopus	-	-	-

S. No.	Paper	Abstracted and Indexed in	Impact Factor	Citation Count	DOI
	Engineering Research, ISSN 0973-4562, Vol.10, No.27, Research India Publications, pp.21743– 21745, June 2015. (Scopus)				
11	K.Kamini, “OPC based Remote Patient monitoring system with Android HMI”, IJREAT. Vol4,issue1, pp102-105, Feb-march 2016.	-	-	-	-
12	V.AnjaliPriya, “Multi Purpose Marine Wireless Networks for Fisherman Aid and Other Applications”, International Journal of Applied Engineering Research, ISSN 0973-4562, Vol.10, No.27, Research India Publications, pp.21743– 21745, June 2015. (Scopus)	Scopus	-	-	-

**CAY(2015-2016) - International Conference Publications**

S. No.	Paper	Abstracted and Indexed in	Impact Factor	Citation Count	DOI
1	Nagarajan S, “Adaptive Interplay of PID on the Performance of Mobile	IEEE Conference	-	-	<a href="https://doi.org/10.1109/IC3E16.2016.7782116">978-1-5090-0615-1/16/\$31.00@2016 IEEE</a>

S. No.	Paper	Abstracted and Indexed in	Impact Factor	Citation Count	DOI
	Robots” TIAR 2016	Proceedings			
2	S.Nagarajan, S.Kayalvizhi and B. Karthikeyan, “Multiple ANFIS observers based sensor fault detection and control in a satellite launcher”, International Conference on Science, Technology and Management,Jan 2016	India International Centre	-	-	-
3	S.Nagarajan,Krithika.S “Implementation of PID Controller for Stability in Robotics Manipulation”,2016.	ICAARS	-	-	-
4	Navaseelan, “Embedded Web Server Based Efficiency Monitoring System For Induction Motor” TIAR 2016	IEEE Conference Proceedings	-	-	10.1109/TIAR 2016.7801229
5	P. Navaseelan, “ pH Controller for Water Treatment Using Fuzzy Logic” TIAR 2016	IEEE Conference Proceedings	-	-	<a href="https://doi.org/10.1109/978-1-5090-0615-1/16/\$31.00@2016">978-1-5090-0615-1/16/\$31.00@2016</a> IEEE
6	Gunaselvi Manohor, “Fault Diagnosis in Oil Well Drilling Machine Using Case-Based Reasoning”, TIAR 2016	IEEE Conference Proceedings	-	-	10.1109/TIAR 2016.7801238
7	Sobana S, “Modelling of Glucose-Insulin-Glucagon System” TIAR 2016	IEEE Conference Proceedings	-	-	<a href="https://doi.org/10.1109/978-1-5090-0615-1/16/\$31.00@2016">978-1-5090-0615-1/16/\$31.00@2016</a> IEEE
8	Pearley Stanley , “Development of Control System for indigenous electro spinning machine” TIAR 2016	IEEE Conference Proceedings	-	-	<a href="https://doi.org/10.1109/978-1-5090-0615-1/16/\$31.00@2016">978-1-5090-0615-1/16/\$31.00@2016</a> IEEE

S. No.	Paper	Abstracted and Indexed in	Impact Factor	Citation Count	DOI
9	T.Kalaiselvi, . “ Automation of FCC Cantered Oil Refinery for Diesel Maximization” TIAR 2016	IEEE Conference Proceedings	-	-	10.1109/TIAR 2016.7801225
10	T.Kalaiselvi , “Automated Intravenous Fluid Monitoring and Alerting System” TIAR 2016	IEEE Conference Proceedings	-	-	-
11	K.Kalaivani, “ GPS based pipe rack safety monitoring”, Proc. Of int. Conf. On Engineering Digital greenera(EDGE),March 2016	Conference Proceedings	-	-	<a href="https://doi.org/10.1109/978-1-5090-0615-1/16/\$31.00@2016">978-1-5090-0615-1/16/\$31.00@2016</a> IEEE
12	K.Kalaivani, “Integrated Aircraft landing system using LIDAR & RSSI”, Proc. Of int. Conf. On Engineering Digital green era(EDGE),March 2016	Conference Proceedings	-	-	-
13	Praveena.R , “Development of control system for Indigenous electro spinning machine”,1 <sup>st</sup> int. Conf. On Recent Trends in engineering & Tech.,May 2016	IEEE Conference Proceedings	-	-	-
14	R.Praveena, “Automated Intravenous Fluid Monitoring and Alerting System” TIAR 2016	IEEE Conference Proceedings	-	-	10.1109/TIAR 2016.7801225
15	V.Anjali priya, “Fault Diagnosis in Oil Well Drilling Machine Using Case-Based Reasoning”, TIAR 2016	IEEE Conference Proceedings	-	-	-
16	B Chinthamani, “Design and Implementation of Solar Panel Power control using MPPT	ICPCIE_16 Conference	-	-	-

S. No.	Paper	Abstracted and Indexed in	Impact Factor	Citation Count	DOI
	Algorithm for Solar Housing”, int. Conf. On Power control and inst. Engg. April 2016	Proceedings			
17	B Chinthamani, “ Comparison of MEA and Potassium Carbonate solvent for CO2 capture by Rate-based modelling”, int. Conf. On Power control and inst. Engg. April 2016	Conference Proceedings	-	-	-
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