

# SYED AMMAL ENGINEERING COLLEGE

(An Autonomous Institution)

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai

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NBA Accredited UG Courses : CSE & MECH | Anna University Approved Research Centres : ECE, EEE, CSE & MECH

Dr. E.M. Abdullah Campus, Ramanathapuram - 623 502 Tamilnadu.

Ph: 04567 - 222 234, Mobile : 94873 04000, 84893 04000, 87548 88877 | E-mail : office@syedengg.ac.in | Web : www.syedengg.ac.in



## PROFILE

Name	: Dr. M. PERIYASAMY	
Designation	: PRINCIPAL	
Contact Address	: Syed Ammal Engineering College, Ramanathapuram – 623 502.	
Contact Mobile No.	9842529558	
Email id	: principal@syedengg.ac.in, saec@syedengg.ac.in	
Areas of Interest	: Signal Processing & Electromagnetic Interferences	

## Qualification

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- B.E. (Electronics and Communication Engineering)
- M.E. (Control & Instrumentation)
- Ph.D. (Electrical Engineering) – Area of Research: Electromagnetic Interferences

## Experience

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- 06.06.1998 to 31.03.2000 : Lecturer – Dr. MGR Engineering College, Chennai
- 06.04.2000 to 30.06.2003 : Senior Lecturer – Syed Ammal Engineering College
- 01.07.2003 to 30.06.2008 : Assistant Professor – Syed Ammal Engineering College
- 01.07.2008 to 07.12.2018 : Professor – Syed Ammal Engineering College
- 08.12.2018 to Till : Principal – Syed Ammal Engineering College

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## Publications in Conferences:

1. **Periyasamy, M** & Dhanasekaran, R 2013, 'Electromagnetic Interference on Critical Medical Equipments by RF Devices', 2nd IEEE International Conference on Communications and Signal Processing (ICCSP'13), Melmaruvathur, Tamilnadu, India.pp.78-82.
2. **Periyasamy, M** & Dhanasekaran, R 2013, 'Electromagnetic Interference on Critical Medical Equipments by RFID system', 2nd IEEE International Conference on Communications and Signal Processing (ICCSP'13), Melmaruvathur, Tamilnadu, India. pp.668-672.
3. **Periyasamy, M** & Dhanasekaran, 2014, 'Assessment and Analysis of Performance of 13.56 MHz passive RFID in metal and liquid environment', 3rd IEEE International Conference on Communications and Signal Processing (ICCSP'14), Melmaruvathur, Tamilnadu, India. pp.1122-1125.
4. **Periyasamy, M** & Dhanasekaran, 2015, 'Evaluation of Performance of UHF passive RFID in metal and liquid environment', 4th IEEE International Conference on Communications and Signal Processing, Melmaruvathur (ICCSP'15), Tamilnadu, India. pp.414-417
5. **Periyasamy, M** & Dhanasekaran, 2016, 'Effect of electromagnetic radiations on the function medical devices from various wireless local area networks', 2016 IEEE International Conference on Advanced Communications Control and Computing Technologies (ICACCCT), Ramanathapuram , Tamilnadu, India. pp.221-223
6. **M. Periyasamy, R. Dhansekar, and G. Mahendran**, "A Review on Current Issues of Radio Frequency Identification Devices in Magnetic Resonance Imaging", IEEE International Conference on Communications and Signal Processing (ICCSP;18), Melmaruvathur, India, April2018.
7. **M. Periyasamy, R. Dhansekar, and G. Mahendran**, "Selected Studies of Electromagnetic Exposure Levels in the Countries of Asia – A Review", IEEE International Conference on Communications and Signal Processing (ICCSP), Melmaruvathur, India, April2018.
8. **Dr. M. Periyasamy, Dr. G. Mahendran, Dr. R. Dhansekar & Dr. M. Senthilkumar**, "Selected Studies of Sediment Tracking in Mixed and Gravel Beaches Using RFID Technology – A Review", IEEE International Conference on Recent Innovations in Electrical, Electronics & Communication Engineering - (ICRIEECE), Bhubaneswar, India, July 2018.
9. **V. Veera Thipeeka Swani, G. Mahendran & M. Periyasamy**, VLSI Implementation of low noise amplifier and Efficient Spectrum Sensing Method for CR VANET, International Conference on Nanotechnology: Ideas, Innovations and Initiatives (ICN2K19), Ramanathapuram, India, Nov, 2019.
10. **N. Mahalakshmi, G. Mahendran, M. Periyasamy & S. Praveen Samuel Washburn**, A Memorization Based Runtime Relocation System for Heterogeneous Circuits, International Conference on Nanotechnology: Ideas, Innovations and Initiatives (ICN2K19), Ramanathapuram, India, Nov, 2019.
11. **K Kalaimurugan, S Karthikeyan, M. Periyasamy, G Mahendran & T. Dharmaprabakaran**, Combustion Analysis of CuO<sub>2</sub> Nanoparticles Addition with

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- Neochloris Oleoabundans Algae Biodiesel on CI Engine, International Conference on Nanotechnology: Ideas, Innovations and Initiatives (ICN2K19), Ramanathapuram, India, Nov, 2019.
12. K Kalaimurugan, S Karthikeyan, **M. Periyasamy**, G Mahendran & T. Dharmaprabhakaran, Emission Analysis of CuO<sub>2</sub> Nanoparticles Addition with Neochloris Oleoabundans Algae Biodiesel on CI Engine, International Conference on Nanotechnology: Ideas, Innovations and Initiatives (ICN2K19), Ramanathapuram, India, Nov, 2019.
  13. T. Dharmaprabhakaran ,S Karthikeyan, **M. Periyasamy**, G Mahendran & K Kalaimurugan, Algae Biodiesel-Promising Source To Power CI Engine, International Conference on Nanotechnology: Ideas, Innovations and Initiatives (ICN2K19), Ramanathapuram, India, Nov, 2019
  14. T. Dharmaprabhakaran ,S Karthikeyan, **M. Periyasamy**, G Mahendran & K Kalaimurugan, Combustion Analysis of CuO<sub>2</sub> Nanoparticle Addition with Blend OF Botryococcus Braunii Algae Biodiesel on CI Engine, International Conference on Nanotechnology: Ideas, Innovations and Initiatives (ICN2K19), Ramanathapuram, India, Nov, 2019.
  15. T. Dharmaprabhakaran ,S Karthikeyan, **M. Periyasamy**, G Mahendran & K Kalaimurugan, Emission Analysis of CuO<sub>2</sub> Nanoparticle Addition with Blend OF Botryococcus Braunii Algae Biodiesel on CI Engine, International Conference on Nanotechnology: Ideas, Innovations and Initiatives (ICN2K19), Ramanathapuram, India, Nov, 2019.
  16. Susmitha M.I, Mahendran G, **Periyasamy M**, Murugeswari S, Saravanan B and Jeyasudha K, “Design of an Efficient Code Converter using Quantum dot Cellular Automata”, International Conference on Innovative Research in Applied Engineering and Computing Methodologies, Ramanathapuram, India, 13-14, August 2021.
  17. Ramya M, Arunmani G, Mahendran G, **Periyasamy M**, Ravivarman P and Murali Manoghar Joshi, “Design and Implementation of Karatsuba based IIR filters for Biological Signal Processing”, International Conference on Innovative Research in Applied Engineering and Computing Methodologies, Ramanathapuram, India, 13-14, August 2021.
  18. Mahendran G, Affrin Afsana S.D, **Periyasamy M**, Murugeswari S, Praveen Samuel Washburn, “IoT Based Landslide Detection and Prevention System”, International Conference on Innovative Research in Applied Engineering and Computing Methodologies”, Ramanathapuram, India, 13-14, August 2021

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## Publications in Journals:

1. **Periyasamy, M & Dhanasekaran, R** 2014, 'Assessment of Safety and Interference Issues of Radio Frequency Identification Devices in 0.3 Tesla Magnetic Resonance Imaging and Computed Tomography', The Scientific World Journal, vol. 2014, pp. 1-7, ISSN : 1537-744X
2. **Periyasamy, M & Dhanasekaran,** 2014, ' Implementation of Radio Frequency Identification Devices in Marine Science Applications: Challenges and Limitations', Indian Journal of Geo-Marine Science, vol.43, no.9, pp.1792-1798, ISSN : 0379- 5136
3. **Periyasamy, M & Dhanasekaran, R** 2014, 'Implementation of Radio Frequency Identification Devices in 0.3 Tesla Magnetic Resonance Imaging and Computed Tomography', Biomedical Engineering: Applications, Basis and Communications, vol.26, no.6, pp.1-10 ISSN : 1016-2372
4. **Periyasamy, M & Dhanasekaran, R** 2015, 'Insitu Assessment of Electromagnetic Interference Between RFID Systems and Medical Devces', ARPN Journal of Engineering and Applied Sciences, vol.10, no.6, pp.2627-2633, ISSN : 1819-6608
5. **Periyasamy, M & Dhanasekaran, R** 2015, 'Interference Issues of Radio Frequency Identification Devices in Magnetic Resonance Imaging Systems and Computed Tomography Scan', Journal of Magnetics, vol.20, no.3, pp.1-7 ISSN:1226-1750.
6. **Periyasamy, M & Dhanasekaran, R** 2015, 'Evaluation of Electromagnetic Interference Between Critical Medical Equipments and IEEE 802.11g Wireless LAN Facility, International Journal of Applied Engineering Research vol. 10, no. 55, pp. 957- 962, ISSN: 0973-4562
7. **Periyasamy, M & Dhanasekaran, R** 2015, 'Evaluation of Electromagnetic Interference Between Critical Medical Devices and New Generation Cellular Phones, The Journal of Microwave Power and Electromagnetic Energy, vol.49, no.3,pp.160-170, ISSN:0832-7823.



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8. **Periyasamy, M** & Dhanasekaran, R, Shaddy H.E. Abdul Aleem, Ahmed F. Zobaa 2016, 'Effects of electromagnetic interference on the functional usage of medical equipment by 2G/3G/4G cellular phones:A review', Journal of Advanced Research, vo.7, no.5, pp.727-738, ISSN:2090 – 1232
9. K. Kalaimurugan, S. Karthikeyan, **M. Periyasamy**, T. Dharmaprabhakaran “ Combustion analysis of CuO<sub>2</sub> nanoparticles addition with neochloris oleoabundans algae biodiesel CI Engine” Materials Today Proceedings, Published online
10. K. Kalaimurugan, S. Karthikeyan, **M. Periyasamy**, G. Mahendran & T. Dharmaprabhakaran, “Performance, emission and combustion characteristics of RuO<sub>2</sub> nanoparticles addition with neochloris oleoabundans algae biodiesel on CI engine”, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects,doi.org/10.1080/15567036.2019.1694102, Published online: 24 Nov 2019.
11. K. Kalaimurugan, S. Karthikeyan, **M. Periyasamy**, G. Mahendran & T. Dharmaprabhakaran, “Experimental studies on the influence of copper oxide nanoparticle on biodiesel-diesel fuel blend in CI engine”, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, doi.org/10.1080/15567036.2019.1679290, Published online: 19 Oct 2019.
12. K. Kalaimurugan, S. Karthikeyan, M. Periyasamy, G. Mahendran & T. Dharmaprabhakaran, “Performance Analysis of CuO<sub>2</sub> Nanoparticles Addition with Neochloris Oleoabundans Algae Biodiesel on CI Engine, Journal Scientific & Industrial Research, Vol. 78, pp. 802-805, November 2019`
13. D. Vidyaprakash, S. Karthikeyan, **M. Periyasamy**, K. Kalaimurugan, “Positioning of Two wheeled Mobile Robot to control Wheel Slip by using Wheel Rotate Planning Technique, Journal Scientific & Industrial Research, Vol. 78, pp. 879-884, December 2019
14. S. Praveen Samuel Washburn, Mahendran, Dhanasekaran, **Periyasamy**, Murugeswari, “Investigation of Severity Level of Diabetic Retinopathy using Adaboost Classifier Algorithm”, Materials Today: Proceedings, Vol.33, pp. 3037-42, April 2020 DOI:10.1016/j.matpr.2020.03.199
15. K. Kalaimurugan, S. Karthikeyan, **M. Periyasamy**, & G. Mahendran (2020): Combustion studies on CI engine with cerium oxide nanoparticle added neochlorisoleoabundans biodiesel-diesel fuel blends. Elsevier – Materials Today: Proceedings. Vol.33, No.21, pp. 2886-89, March 2020. DOI: 10.1016/j.matpr.2020.02.779. (**Scopus Indexed Journal**).

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- 16 K. Kalaimurugan, S. Karthikeyan, **M. Periyasamy**, & G. Mahendran (2020): Emission analysis of CI engine with CeO<sub>2</sub> nanoparticles added neochlorisoleoabundans biodiesel-diesel fuel blends. Elsevier – Materials Today: Proceedings. Vol.33, No.21, pp. 2877-81, March 2020. DOI: 10.1016/j.matpr.2020.02.777. (**Scopus Indexed Journal**).
- 17 K. Kalaimurugan, S. Karthikeyan, **M. Periyasamy**, & G. Mahendran (2020): Experimental investigations on the performance characteristics of CI engine fuelled with cerium oxide nanoparticle added biodiesel-diesel blends. Elsevier – Materials Today: Proceedings. Vol.33, No.21, pp. 2882-85, March 2020 DOI: 10.1016/j.matpr.2020.02.778. (**Scopus Indexed Journal**).
- 18 T. Dharmaprabhakaran, S. Karthikeyan, **M. Periyasamy**, G. Mahendran (2020). Emission analysis of CuO<sub>2</sub> nanoparticle addition with blend of Botryococcus braunii algae biodiesel on CI engine. Elsevier – Materials Today: Proceedings. Vol.33, No.21, pp. 2897-900, March 2020 <https://doi.org/10.1016/j.matpr.2020.02.781> (**Scopus Indexed Journal**).
- 19 T. Dharmaprabhakaran, S. Karthikeyan, **M. Periyasamy**, G. Mahendran (2020). Algal biodiesel-promising source to power CI engines. Elsevier – Materials Today: Proceedings. Vol.33, No.21, March 2020, pp. 2870-73, March 2020 <https://doi.org/10.1016/j.matpr.2020.02.775> (**Scopus Indexed Journal**).
- 20 T. Dharmaprabhakaran, S. Karthikeyan, **M. Periyasamy**, G. Mahendran (2020). Combustion analysis of CuO<sub>2</sub> nanoparticle addition with blend of botryococcus braunii algae biodiesel on CI engine. Elsevier – Materials Today: Proceedings. Vol.33, No.21, pp.2874-76, March 2020 <https://doi.org/10.1016/j.matpr.2020.02.776> (**Scopus Indexed Journal**).
- 21 **M. Periyasamy**, Mahendran Gandhi, B. Sakthivel, S. Murugeswari, “A Novel Fault Tolerant Multiplier using Single Digit Conversion based Self checking Scheme”, Materials Today:Proceedings, Vol.33, No.4, pp. 3043-45, April 2020. DOI: 10.1016/j.matpr.2020.03.204
- 22 G. Mahendran, **M. Periyasamy**, S. Murugeswari, N. Karthika Devi, “Analysis on Retinal Diseases using Machine Learning Algorithms”, Materials Today:Proceedings, Vol.33, No.2, pp. 3102-107, April 2020. DOI: 10.1016/j.matpr.2020.03.691
- 23 S Karthikeyan, A. Prathima, **M Periyasamy**, G Mahendran (2020). Analysis of steel ST 75 using tribotester pin-on-disc. Elsevier – Materials Today: Proceedings. Vol.33, No.2, pp. 4285-88, Aug 2020 <https://doi.org/10.1016/j.matpr.2020.07.402> (Scopus Indexed Journal)
- 24 S Karthikeyan, A Prathima, **M Periyasamy**, G Mahendran (2020). Assessment of the use of Codium Decorticafum [Green seaweed] biodiesel and pyrolytic waste tires oil blends in CI engine. Elsevier – Materials Today: Proceedings. Vol.33, No.2, pp. 4224-27, Aug 2020 <https://doi.org/10.1016/j.matpr.2020.07.235> (Scopus Indexed Journal)

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- 25 S Karthikeyan, A Prathima, **M Periyasamy**, G Mahendran (2020). Performance analysis of Al<sub>2</sub>O<sub>3</sub> and C<sub>18</sub>H<sub>34</sub>O<sub>2</sub> with Kappaphycus Alvarezil-Brown algae biodiesel in CI engine. Elsevier – Materials Today: Proceedings. Vol.33, No.2, pp. 4180-84, Aug 2020 <https://doi.org/10.1016/j.matpr.2020.07.118> (Scopus Indexed Journal)
- 26 S Karthikeyan, A Prathima, **M Periyasamy**, G Mahendran (2020). Impact of using single injection strategies and of Kappaphycus Alvarezil algae biodiesel on a diesel engine with common injection ramp. Elsevier – Materials Today: Proceedings. Vol.33, No.2, pp. 4621-25, Aug 2020 <https://doi.org/10.1016/j.matpr.2020.07.742> (Scopus Indexed Journal)
- 27 S Karthikeyan, A Prathima, **M Periyasamy**, G Mahendran (2020). Emission assessment of Kappaphycus Alvarezil-Brown algae biodiesel Al<sub>2</sub>O<sub>3</sub> and C<sub>18</sub>H<sub>34</sub>O<sub>2</sub>. Elsevier – Materials Today: Proceedings. Vol.33, No.2, pp. 4192-97, Aug 2020 <https://doi.org/10.1016/j.matpr.2020.07.126> (Scopus Indexed Journal)
- 28 S Karthikeyan, APrathima, **M Periyasamy**, G Mahendran (2020).Emission analysis of the diesel engine using Stoechospermum Marginatum, brown marine algae with Al<sub>2</sub>O<sub>3</sub> nano fluid. Elsevier – Materials Today: Proceedings.Vol.33, No.6, pp. 4047-53, July 2020 <https://doi.org/10.1016/j.matpr.2020.06.480>(Scopus Indexed Journal)
- 29 S Karthikeyan, A.Prathima, **M Periyasamy**, G Mahendran (2020).Marine diesel engine using bio solar and gasoline. Elsevier – Materials Today: Proceedings.Vol.33, No.6, pp. 4132-35, July 2020 <https://doi.org/10.1016/j.matpr.2020.06.574> (Scopus Indexed Journal)
- 30 S Karthikeyan, A Prathima, **M Periyasamy**, G Mahendran (2020). Assessment of engine performance using syngas. Elsevier – Materials Today: Proceedings. Vol.33, No.6, pp. 4142-44, July 2020 <https://doi.org/10.1016/j.matpr.2020.06.577> (Scopus Indexed Journal)
- 31 S Karthikeyan, A Prathima, **M Periyasamy**, G Mahendran(2020). Empirical studies upon the performance of the CI working with Stoechospermum Marginatum, brown marine algae with nano fluid. Elsevier – Materials Today: Proceedings, 33(2020), 3993-3999. Vol.33, No.6, pp. 3993-99, July 2020 <https://doi.org/10.1016/j.matpr.2020.06.340> (Scopus Indexed Journal)
- 32 Mahendran Gandhi, **M. Periyasamy**, S. Murugeswari, S. Praveen Samuel Washburn, “A VLSI Implementation of FIR Filter using self-tunable Addition and Multiplication”, Elsevier – Materials Today: Proceedings, Vol.33, No. 7 (2020), pp. 4318-4322. Aug 2020 <https://doi.org/10.1016/j.matpr.2020.07.441> (Scopus Indexed Journal)
- 33 Karthikeyan, S., Prathima, A., **Periyasamy, M.**, & Mahendran, G. (2020). Fuel properties assessment of Kappaphycus Alvarezil-Brown seaweed biodiesel new formula with Al<sub>2</sub>O<sub>3</sub> and C<sub>18</sub>H<sub>34</sub>O<sub>2</sub>. Materials Today: Proceedings. Vol. 33, No. 2, Aug 2020 DOI:10.1016/j.matpr.2020.07.121 (Scopus Indexed Journal)
- 34 **Periyasamy, M.** Karthikeyan, S.; Mahendran, G. (2020). Selected studies of sediment tracking in mixed and gravel beaches using RFID technology A review. Materials Today: Proceedings, Vol. 33, No. 1-2, July 2020 doi:10.1016/j.matpr.2020.06.342 (Scopus Indexed Journal)

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## Funds raised

- Received **Rs. 2,00,000/-** From AICTE for conduction of Staff Development Training Programme on Soft Computing Techniques for Engineering Application in 2018-19.

## FDP Organized:

- Convener for Anna University Sponsored 7 Days FDTP on “Control Systems Engineering” conducted during 24<sup>th</sup> – 30<sup>th</sup> November 2016.
- Organizing Chair for AICTE Sponsored Two week Faculty Development Programme on Verification & Testing of VLSI Circuits Using EDA Tools, November 01 – 14, 2019.
- Convener for Six Days AICTE sponsored STTP on Soft Computing Techniques in Engineering Applications (20.07.2020 – 25.07.2020 Phase I)
- Convener for Six Days AICTE sponsored STTP on Soft Computing Techniques in Engineering Applications (10.08.2020 – 16.08.2020 Phase II)
- Convener for Six Days AICTE sponsored STTP on Potential Benefits of RFID in Industrial, Medical and Domestic Sectors (23.11.2020 – 28.11.2020 Phase I)
- Convener for Six Days AICTE sponsored STTP on Potential Benefits of RFID in Industrial, Medical and Domestic Sectors (21.12.2020 – 27.12.2020 Phase II)

## Details of Training Programme/ workshops organized

- Organized two days workshop on “PCB Design and Fabrication” by R.R. Circuit solutions on 28<sup>th</sup> – 29<sup>th</sup> August 2013
- Organized one day workshop on “Machine Learning” by Mr. M. Arunkumar, Research Scientist, Philips Asia, Bangalore on 16.09.2013.
- Coordinator for two days workshop on “CADENCE Tool” by Vi- Microsystems Pvt.Ltd. on 11<sup>th</sup> – 12<sup>th</sup> November 2013.
- Organized two days workshop on “PCB Design and Fabrication” on 2<sup>nd</sup> – 3<sup>rd</sup> March 2015 by i-green technology
- Organized two days workshop on “PCB Design and Fabrication” on 9<sup>th</sup> – 10<sup>th</sup> March 2015 by i-green technology.



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- Organized a motivation programme on “How to prepare for Civil-Service Examinations” by Mr. B. Senthil Velavan, IRS on 09.07.2016 for IV yearstudents.
- Organized Two Days National Level Workshop On Importance of Switching and Routing In Computer Networks Using Cisco Packet Tracer on 17<sup>th</sup> – 18<sup>th</sup> February 2017.
- Organized One Day Workshop On Advanced Switching Circuits Design using CadenceTool on 3rd Mar 2017
- Organized One Day National Level Workshop on “Importance of Multirate Signal Processing for Digital Communication”, 9<sup>th</sup> Sep 2017.
- Organized One Day National Level Workshop on “Recent Trends and Challenges inCommunication and Networking Using Cisco Packet Tracer”, 17<sup>th</sup> February 2018
- One day National Level Workshop on “Importance of codes and standards and standardsand concepts involved in Data communication Networking”, 24.12.2018
- Two days hands on training With Arduino Microcontroller during 03-04.01.2019
- Two days Workshop on PCB Design and PCB Assembling Process using Digital Technology on 18-19.01.2019

## Details of Seminars/Conferences organized

- Convener for ERAZZLES'08(30.08.2008), National Level Technical Symposium.
- Convener for SYMPULSE '11 (19.02.2011), A National Level Technical Symposium.
- Organizing Committee member for ICCCT'10, an IEEE International Conference on Communication, Control and Computing Technologies conducted during 7<sup>th</sup> – 9<sup>th</sup> October 2010
- Convener for ERAZZLES'13 (09.03.2013), A National Level Technical Symposium.
- Organizing Committee member for ICACCCT'12, an IEEE International Conference on Advanced Communication, Control and Computing Technologies conducted on 23<sup>rd</sup> – 25<sup>th</sup> August 2012.
- Convener for ERAZZLES'14 (11.03.2014), National Level Technical Symposium
- Organizing Committee member for ICACCCT'14, an IEEE International Conference on Advanced Communication, Control and Computing Technologies conducted on 8<sup>th</sup> – 10<sup>th</sup> May 2014.
- Convener for ERAZZLES'15 (28.02.2015), National Level Technical Symposium
- Organizing co-chair and Session chair for ICAET'15, an International Conference on Advances in Applied Engineering and Technology conducted on 14<sup>th</sup> – 16<sup>th</sup> May 2015.
- Executive Committee member and Session chair for ICACCCT'16, an IEEE International Conference on Advanced Communication, Control and Computing Technologies conducted on 25<sup>th</sup> – 27<sup>th</sup> May 2016.
- Organized Faculty orientation Programme for young faculty members of Syed Ammal Engineering College about Teaching Methodologies on 30.07.2016 and 05.08.2016.
- Organized One day Faculty Orientation Programme for Faculty members of Syed Ammal

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Dr. E.M. Abdullah Campus, Ramanathapuram - 623 502 Tamilnadu.



Ph: 04567 - 222 234, Mobile : 94873 04000, 84893 04000, 87548 88877 | E-mail : office@syedengg.ac.in | Web : www.syedengg.ac.in

Engineering College on How to be an interesting and inspiring teaching professional by Prof. Ameer Ali on 20.08.2016.

- Organized One Day awareness Programme on Fire Safety and Rescue Operation for Faculty members, Lab. Technicians and Drivers of Syed Ammal Engineering College on 27.08.2016.
- Organized one day Faculty Orientation Programme on Modern Teaching Tools for Faculty members of Syed Ammal Engineering College on 13.12.2016.
- Acted as nodal coordinator for Smart India Hackathon 2017 during January 2017.
- Organized Two Days National Level Workshop on Importance of Switching and Routing in Computer Networks using CISCO Packet Tracers on 17.02.2017- 18.02.2017 for the students of Syed Ammal Engineering College.
- Organized One Day Workshop on Advanced Switching Circuits Design Using Cadence Tool on 03.02.2017 for the students of Syed Ammal Engineering College

## INVITED TALK

- One of the Resource Persons for Anna University Sponsored 7 days FDTP on "Electromagnetic Theory" conducted during 10<sup>th</sup> – 16<sup>th</sup> June 2015.
- One of the Resource Persons for Anna University Sponsored 7 days FDTP on "Digital Image Processing" conducted during 2<sup>nd</sup> – 8<sup>th</sup> December 2013.
- One of the Resource Persons for Anna University Sponsored 7 days FDTP on "Electromagnetic Theory" conducted during 16<sup>th</sup> – 22<sup>nd</sup> June 2014.

## Acted as a reviewer in the following international journals and conferences

- IEEE International Conference on Communication, Control and Computing Technologies conducted during 7<sup>th</sup>-9<sup>th</sup> October 2010.
- IEEE International Conference on Communication, Control and Computing Technologies (ICACCCT'12)
- IEEE International Conference on Advanced Communication Control & Computing Technologies (ICACCCT '14)
- International Conference on Advances in Applied Engineering and Technology (ICAAET'15)
- IEEE International Conference on Advanced Communication Control & Computing Technologies (ICACCCT '16)
- International Conference on Nanotechnology: Ideas, Innovations and Initiatives (ICN2K19),
- Electrical Engineering (Elsevier Journal)

## Membership/Fellowship in Professional bodies

- Life member – **ISTE**
- Life Associate member – **IETE**
- Annual member – **IEEE**