

Faculty Profile. (photo Google link)

- 1 **Name & Designation** : Mr. A. SAKTHIVEL
- 2 **Date of Birth** : 20/04/1971
- 3 **Educational Qualification** : M.E
- 4 **Date of Joining** : 27/01/2021
- 5 **Nature of Associative** : Regular
- 6 **Work Experience** : Teaching : 25 +Years includes Engineering
Research : 6
Industry : NIL
Others : NIL
- 7 **Area of Specialization** : Applied Electronics
- 8 **Subjects teaching at Diploma Level** : 1.Electronic Devices & Circuits
2. Electrical Circuits and Instrumentation
3. Industrial Electronics
4. Analog and Digital Electronics
5. Microcontrollers and its Applications
6. Bio Medical Instrumentation

Workshop Attended/ Organized :

1. Attended 5 days (1.2.2021 to 5.2.2021) Faculty Development Program on “The Power of Teacher – Student Relationships in Determining Student Success” through ISTE Staff Chapter of CITSPC
2. Online FDP on "Online Teaching Tools for Educators" Organised by ISTE Chapter, Murugappa Polytechnic College, Chennai. Sponsored by Indian Society for Technical Education, Tamilnadu Section. From 14/06/2021 to 20/06/2021.
3. July 30, 2021 on “Automation System Design & Simulation using Automation Studio Software ” of M/s Famic Technologies Inc., Canada in association with M/s DELLSOFT Technologies Pvt. Ltd. New Delhi
4. ATAL Sponsored 5 days Faculty Development Programme (ATAL-FDP) on " Electric Vehicles – Research Issues and Challenges " through Online mode(Zoom Platform) during 23rd August to 27th August 2021.

BOSCH Sponsored (CSR Activity for Youth) Program under Train The Trainer Program:

1. “Nation Building Attitudes and Behavior’s” training, 6th Dec’21 to 10th Dec’21
2. ‘Skill Entrepreneurship TTT’ training, 20th Dec’21 to 24th Dec’21
3. ‘Future Human Competency’ training, 31st Jan’22 to 4th Feb’22
4. ‘Social Responsibility’ training, 8th Feb’22 to 12th Feb’22.

9 Program organized :

1. Organized 5 day on line students Development Program on “Nation Building Attitudes and Behaviors” from 13.12.21 to 17.12.21 for all branch selective students in association with Bosch India Private Limited at CIT Sandwich Polytechnic College, Coimbatore on 2nd March 2019

10 Patents : nil

11 Technology Transfer : nil

12 Research Publications

No. of papers published in

National Journals :

International Journals : 3

1. A. Kaliamoorthy, A. Sakthivel, R. Chandrasekaran, "Techniques to Compensate Stator Resistance Variations at Low Frequency for Sensorless Induction Motor Drives", International Journal of Advanced and Innovative Research, 2015, Vol. 4, Issue 9, PP 178 - 183
2. M. Nandhini A. Sakthivel, A. Charless, "A comparative study of sliding mode observers", International journal on recent and innovation trends in computing and communication, 2015, Vol.3, Issue 5, PP 2923-2929
3. P. Santhosh, A. Sakthivel, K. Ravi, "Harmonic Reduction in Cascaded Nine Level Inverter Using Genetic Algorithmic Switching Angles", International Journal of Advanced Research in Electrical Electronics and Instrumentation Engineering, 2013, Vol. No.2

Conferences

- 13 No. of Books published with details : (i) Author for the text book "Control of Electrical Machines" for V semester Diploma in Electrical and Electronics Engineering students for J and K schemes with Pradeepa Publications, Coimbatore
(ii) Author for the text book "Analog and Digital Electronics" for V semester Diploma in Electrical and Electronics Engineering students for K scheme with Pradeepa Publications, Coimbatore

If necessary kindly add it:

WORKSHOPS ATTENDED

- Modeling of Renewable Energy Sources for Rural Electrification" 21th FEBRUARY, 2017, @ Karpagam College of Engineering.
- "Know Your Rights – Aspects of IPR", 11th February 2017 @ Karpagam College of Engineering.
- "Texas Instruments WEBENCH" on 6th January 2017 @ Sri Ramakrishna Engineering College.
- "Mastering MATLAB Power Electronics Tool Box", 14th and 15th October 2016 @ Karpagam College of Engineering.
- "Potential Research Avenues and Future Opportunities in Electrical and Instrumentation Engineering", 25th and 26th February 2016 @ Karpagam College of Engineering.
- "PV Solar Power Plant Design and Optimization" on 24th August 2016 @ Sri Ramakrishna Engineering College.
- "Potential Research Avenues and Future Opportunities in Electrical and Instrumentation Engineering", 5th and 6th February 2015 @ Karpagam College of Engineering.
- "Programming in MATLAB / SIMULINK for Electrical Engineers" on 21st and 22nd September 2015 @ Karpagam College of Engineering.
- "Potential Research Avenues and Future Opportunities in Electrical and Instrumentation Engineering", 24th and 25th January 2014 @ Karpagam College of Engineering.
- "Energy Management in Industries and Institutions", on 6th September 2014 @ RVS College of Engineering and Technology.
- "Application of Virtual Instrumentation in Electrical Sciences", 13th September 2013 @ Karpagam College of Engineering.