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- B.E Part Time



Mr.C.Marimuthu

(/) Home (/) » Mr.C.Marimuthu



(/users/marimuthu)

Name: Mr.C.Marimuthu

Earned Degree/Diploma: M.Tech., MISTE

Current Designation: Assistant Professor

Department: Electronics & Instrumentation Engg

Contact Phone Number: 9486667439

Email (Official Preferred): marimuthu@gct.ac.in

Publications:

Qualification :

S.No	Degree	Specialization	Institute	Duration

feedback

1	Ph.D	Control Techniques in hybrid Microgrid System	Anna University	Pursuing
2	M.Tech	Process Control and Instrumentation	NIT, Trichy	2004-2006
3	B.E	Instrumentation and Control Engg	AKCE, Madurai Kamaraj University	1995-1999

Experience :

sl.no	College	Position Held	From	To
1.	GCT, Coimbatore	Assistant Professor / EIE	05.04.2013	Till Date
2	Karunya University, Coimbatore	Assistant Professor / EIE	10.06.2011	28.11.2012
3	Karpagam College of Engg, Coimbatore	Assistant Professor / EEE	09.08.2010	09.06.2011
4	Tamilnadu College of Engg, Coimbatore	Sr. Lecturer / ICE	22.01.2007	07.08.2010
5	Bharath Niketan Engg College, Aundipatty	Lecturer / EIE	10.06.2000	31.07.2004

Achievements :

1. BoG member- Dr NGP institute of technology, Coimbatore during 2019 -2021
2. Subject Expert for Board of Studies, EIE dept, Hindustan College of Engg, Coimbatore during 2016-2018.
3. Internal BoS member, EIE dept, GCT, Coimbatore from 2013 onwards. (Department Co-Ordinator)

Memberships in societies:

1. IEEE member
2. ISTE Life member
3. ISOI Life member
4. IAENG Life member
5. ISRD member

Papers published:

1. C.Marimuthu, M.Chelliah," **Interleaved Coupled Inductor Capacitor Resonant Boost Converter for Renewable Energy Applications**" International Journal of Trend in Research and Development (IJTRD), ISSN: 2394-9333, Apr 2017
2. C.Marimuthu, M.Chelliah," **Real Time Implementation of Buck-Boost Converter using LABVIEW**", AENSI, Feb 2016.
3. C.Marimuthu,"**Real Time Implementation of Model Predictive Control for Pressure Process**", ICFTEE, Jun 2013.

Book Chapters

1. C.Marimuthu, M.Chelliah,"**Research on Real Time Implementation of Fuzzy Based Buck Boost Converter Using LabVIEW**" " New Ideas Concerning Science and Technology,Vol12, pg.no 61-69.
2. C.Marimuthu, M.Chelliah,"**Implementation of Standalone Dynamic Solar Array Fed PMSM Drive Using DC-DC Converter for the Reduction of Switching Losses**" Current Approaches in Science and Technology Research, Vol 11. pg 73-81

Faculty Development Programs conducted:

1. Co-ordinated IQAC sponsored webinar on "**NAAC-Accreditation-Metrics Driven Methodology- An Overview**" on 09.10.2021
2. Co-ordinated IQAC sponsored webinar on "**E-Resources for Teaching Learning and Research**" on 01.07.2020
3. Co-ordinated TEQIP III sponsored 1week faculty development program on "**AI- The world of prediction machines**" was organized from 24.06.2020 to 30.06.2020 through ONLINE
4. Co-ordinated TEQIP II sponsored 1week faculty development program on "**LabVIEW Core-1, 2 & Hardware integration**", organized by the department of Electronics and Instrumentation Engineering, Government College of Technology, Coimbatore from 14th -20th Oct 2015.
5. Co-ordinated TEQIP II sponsored 2 days faculty development program on "**Graphical System Design**", organized by the department of Electronics and Instrumentation Engineering, Government College of Technology, Coimbatore from 24.07.2013 to 25.07.2013

Faculty Development Programs Attended:

1. Participated in a two weeks (40 hours) online FacultyDevelopment Programme on "**Deep Learning & Applications (Parallel Architectures)**" jointly organized by the Electronics and ICT Academies at IIT Guwahati, IIT Kanpur, IIT Roorkee, MNIT Jaipur, NIT Patna, NIT Warangal and PDPM IITDM Jabalpur during Aug 23-Sept 3, 2021 under the "Scheme of financial assistance for setting up of Electronics and ICT Academies" of the Ministry of Electronics and Information Technology (MeitY), Government of India.
2. Attended the Five-Day Faculty Development Programme on "**Robotics and Automation**" held from 9th March 2021 to 13th March 2021 by Department of Robotics Engineering,Karunya University
3. Participation in the Faculty Development Programme on "**Modern Control Techniques for Power and Energy Systems**" organized by the IEEE Kerala Section and NIT calicut from 07.09.2020-13.09.2020
4. Attended the One week AICTE Sponsored Online STTP on "**Application of Soft Computing Techniques to Renewable Energy System**" (Series 1) from August 6th to 12th, 2020 by Department of Electrical and Electronics Engineering of Government College of Technology, Coimbatore
5. Participated in the Webinar on "**RECENT TRENDS IN CALIBRATION SOLUTIONS**"at KCT, coimbatore on 28.08.2020
6. Participated the TEQIP - III Sponsored One Week Online Faculty Development Programme on "**MATLAB Programming for Meta-heuristic Multi-objective Optimization Techniques – Hands on Training**" organized by

the Department of Mechanical Engineering, Government College of Technology, Coimbatore - 641013 during 22-26 June 2020.

7. Participation in the Faculty Development Programme on "**Electric Vehicle Technology**" organized by the IEEE Madras Section from May 6th to May 9th.,2020
8. Participated in One-Day Hands-on-Training on **Deep Learning with MATLAB** conducted by CIT - TLC held on May 26, 2020.
9. Participated in Two-Day Hands-on-Training on **Solving Multiobjective Optimization Problems Using Deterministic & Stochastic Algorithms (V2.0)** held on May 30 & 31, 2020
10. Participated in Two-Day FDP on **Virtual Teaching** conducted by CIT - TLC held on April 20 & 21, 2020.
11. Participated TEQIP III sponsored on **Energy Efficiency** at Dept of Energy, IIT Bombay on 12.03.2020-16.03.2020
12. Participated Advanced Training Programme on **Energy Efficiency** on 27 - 28 February 2020 Pune by CII Hyderabad (Industry Meet)
13. Participated **AICTE** sponsored FDP on " **Renewable Energy Grid Integration : Challenges and Solutions** " organized by Dept of EEE, GCT,coimbatore from 20.11.2019 to 03.12.2019
14. Participated in the **TEQIP-III** sponsored Faculty Development Programme on "**Secured Communication for Instrumentation and Control**" organized by the department of Electronics and Instrumentation Engineering, Government College of Engineering, Coimbatore from 17th to 23rd May 2018.
15. Participated in the **AICTE** sponsored 2-week Faculty Development Programme on "**Smart Power Grid Technologies**" organized by the Department of EEE, Government College of Engineering, Coimbatore from 17.11.2017 to 30.11.2017
16. Participated in the **AICTE** sponsored 2-week Faculty Development Programme on "**Recent Trends in SCADA, smart grid and Industrial Automation**" organized by the Department of EEE, Coimbatore Institute of Technology, Coimbatore from 02.05.2017 to 15.05.2017
17. Participated in the one-week faculty development programme on "**Smart grid and Smart City**" held at, Government College of Technology, Coimbatore, from 09.11.2016 to 15.11.2016
18. Participated in the **TEQIP II** sponsored one-week faculty development program on "**Solar PV and wind energy system design and applications with simulation software**" organized by the Department of Electrical and Electronics Engineering, Government College of Technology, Coimbatore, from 21st to 27th September 2016.
19. Participated in the **TEQIP II**, sponsored one-week faculty development program on "**Energy resources management in current scenario**" organized by the Department of Mechanical Engineering, Government College of Technology, Coimbatore, from 4th to 10th April 2016.
20. Participated in the **AICTE** sponsored 2-week Faculty Development Programme on "**Soft Computing Techniques for Engineering Research and its Applications**" organized by the department of ECE, Sri Ramakrishna Engineering College, Coimbatore from 08.06.2015 to 21.06.2015
21. Participated in a two-week **ISTE** workshop on "**Pedagogy for Effective use of ICT in Engineering Education**" conducted by Indian Institute of Technology, Bombay, from 12th June to 10th August 2014. (Online activity equivalent to one week from 15th June to 23rd July and 27th July to 02nd August, Physical participation at the remote center from 12th June to 14th June and 24th July to 26th July 2014).
22. Participated in the **TEQIP II** sponsored one-week faculty development programme on "**Strategies for effective student-teacher interaction**" conducted by the Department of Humanities, GCT, Coimbatore, from 29.05.2013 to 04.06.2013.
23. Participated in the **TEQIP II** sponsored faculty development programme on "**Pedagogy and Professional Communication**" conducted by the department of English, GCT, Coimbatore, from 22.05.2013 to 28.05.2013.

NPTEL / SWAYAM COURSES

1. Sucessfully completed the course named " Introduction to Smart Grid " conducted by IIT, Khargpur through MOOC (Oct 2019)
2. Sucessfully completed the course named " Sensors and Actuators " conducted by IISC, Bangalore through MOOC (Nov 2019)

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[Virtual Tour \(<https://youtu.be/mWmrwLuLiD8>\)](#)

downloads

- [Mandatory Disclosure \(<https://www.gct.ac.in/GCT-Mandatory%20Disclosures>\)](#)
- [GCT Newsletter \(<https://www.gct.ac.in/gct-new-letter#overlay-context=>\)](#)
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CONTACT GCT

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[Industrial Relationship \(<https://gct.ac.in/46/industrial-relationship-home#overlay-context=46/corporate-relationship-home>\)](#)

[Equal Opportunity Cell \(<https://www.gct.ac.in/300/equal-opportunity-cell>\)](#)

[Anti Ragging Committee \(<https://gct.ac.in/anti-ragging-committee-squad>\)](#)

[Grievances \(<https://www.gct.ac.in/grievances#overlay-context=>\)](#)

Sexual Harassment Redressal Committee (<https://www.gct.ac.in/sexual-harassment-redressal-committee>)

Reaching GCT Campus ([reaching-gct-campus](#))

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