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Present Position

Teaching Fellow, Department of Production Technology, Madras Institute of Technology, Anna University, Chennai from August-2016.

Present Additional Responsibility

- Programme Officer, Youth Red Cross, Anna University, Chennai from June-2017.

Previous Positions

- Teaching Fellow, Department of Production Technology, Madras Institute of Technology, Anna University, Chennai during August-2016 and October-2016.

Previous Additional Responsibility

- Residential Counselor, Girls Hostel, Anna University, Chennai during November-2016 and January-2018.

Other Employment

- PCB Design Engineer, Various Industry for 5.11 years.
- Assistant Professor, Dept of Mechatronics - Bharath University for 1.7 years.

Degree

- ❖ M.E. in MECHATRONICS (ENGINEERING) , MIT - CAMPUS, ANNA UNIVERSITY, CHROMPET (2012 - 2014).
- ❖ B.E. in ELECTRONICS AND COMMUNICATION ENGG , MIT - CAMPUS, ANNA UNIVERSITY, CHROMPET (2008 - 2012).

Area of Specialisation

- Analog Electronics, Embedded System

Research Guidance

Papers Published in Journals

Research Papers Published in International Journals : 3
Research Papers Published in National Journals : 0

1. G Muralidharan C NandaKumar, "Online Inspection of Printed Circuit Board Using Machine Vision", International Journal of Innovative Research in Science, Engineering and Technology, published by IJIRSET. Vol. 3, Issue 3, pp. 1343-1346 (2014).
2. S Sridevi, J Dhanasekar, "Vision Based Autonomous Underwater Vehicle for Pipeline Tracking", International Journal of Innovative Research in Science, Engineering and Technology, published by IJIRSET. Vol. 4, Issue 1, pp. 18480-18488 (2015).
3. G Manikandan, S Sridevi, "Bluetooth Control Robot with Position Monitoring System", International Journal of Innovative Research in Science, Engineering and Technology, published by IJIRSET. Vol. 4, Issue 9, pp. 8373 - 8378 (2015).

Papers Presented in Programmes

Research Papers Presented in International Programmes : 1
Research Papers Presented in National Programmes : 5

1. S Sridevi, G Manikandan, J Dhanasekar, "A methodology of retrofitting for CNC vertical milling machine" presented in a International level conference on International Conference on Robotics, Automation, Control and Embedded Systems (RACE), organised by Hindustan University, Chennai, Tamil Nadu, India from 18-Feb-2015 to 20-Feb-2015.
2. "Encoder, PCB Design, Assembling and Testing of of Controller Board" presented in a National level workshop on Microcontroller Programming on Robotic Applications (MCPRA - 2015), organised by Department of Production Technology, MIT - Campus, Anna University, Chennai - 44, India from 29-Aug-2015 to 30-Aug-2015.
3. "Encoder, PCB Design, Assembling and Testing of of Controller Board" presented in a National level workshop on Microcontroller Programming on Robotic Applications (MCPRA - 2015), organised by Department of Production Technology, MIT - Campus, Anna University, Chennai - 44, India from 05-Sep-2015 to 06-Sep-2015.
4. "Encoder, PCB Design, Assembling and Testing of of Controller Board" presented in a National level workshop on Microcontroller Programming on Robotic Applications (MCPRA - 2015), organised by Department of Production Technology, MIT - Campus, Anna University, Chennai - 44, India from 19-Sep-2015 to 20-Sep-2015.
5. "BOTTLE CAP INSPECTION BASED ON MACHINE VISION" presented in a National level conference on National Conference on Automation, Robotics and Mechatronics Systems (NCARMS - 2016), organised by Department of Production Technology, MIT - Campus, Anna University, Chennai - 44, India from 25-Mar-2016 to 26-Mar-2016.

6. "Programmable Peripheral Interface" presented in a National level Short Course on SEVEN DAYS FDTP ON ME6702 - MECHATRONICS, organised by Department of Production Technology, MIT - Campus, Anna University, Chennai - 44, India from 15-May-2017 to 21-May-2017.

Programme Organized

1. Organizer, National level workshop on " Robotics and Image processing" from 11-Apr-2013 to 12-Apr-2013.
2. Organizer, National level workshop on "Object Tracking Robot using Image Processing" from 05-Oct-2013 to 06-Oct-2013.
3. Coordinator , National level workshop on "AVR(ATMEGA - 16)FOR ROBOTIC APPLICATION" from 16-Sep-2017 to 17-Sep-2017.
4. Coordinator , National level workshop on "Android Controlled Pick and Place Robot using AVR Controller" from 06-Oct-2018 to 07-Oct-2018.
5. Coordinator , National level workshop on "AVR Microcontroller and Interfacing" from 13-Mar-2020 to 14-Mar-2020.
6. Coordinator and Presenter, National level workshop on "All About Printed Circuit Board Design" from 24-Feb-2021 to 25-Feb-2021.

Programme Attended

1. Participated in a National level workshop on "Embedded System Design using ARM Controller" organized by Department of Electronics Electronics Engineering, MIT - Campus , Anna University, Chennai - 44, India from 02-Sep-2014.
2. Participated in a International level conference on "International Conference on Robotics, Automation, Control and Embedded Systems (RACE)" organized by Hindustan University, Chennai, Tamil Nadu, India from 18-Feb-2015 to 20-Feb-2015.
3. Participated in a National level workshop on "Emerging Trends in Mechatronic Systems(ETMS - 2015)" organized by Department of Production Technology, MIT - Campus , Anna University, Chennai - 44, India from 06-Mar-2015 to 07-Mar-2015.
4. Participated in a National level workshop on "Hands-on-Training Programme on DATA MINING Using MATLAB" organized by Department of Computer Technology, MIT - Campus, Anna University, Chennai - 44, India from 26-Feb-2016 to 28-Feb-2016.
5. Participated in a National level conference on "National Conference on Automation, Robotics and Mechatronic Systems(NCARMS - 2016)" organized by Department of Production Technology, MIT - Campus , Anna University, Chennai - 44, India from 25-Mar-2016 to 26-Mar-2016.
6. Participated in a International level conference on "Recent Innovations in Production Engineering (RIPE - 2017)" organized by Department of Production Technology, MIT - Campus , Anna University, Chennai - 44, India from 24-Mar-2017 to 25-Mar-2017.

7. Participated in a National level workshop on "Workshop on Object Recognition Techniques" organized by Rajalakshmi Engineering College, Thandalam, Chennai, Tamil Nadu, India from 17-Aug-2017 to 19-Aug-2017.
8. Attended a National level seminar on "SENSORS" organized by Department of Instrumentation Engineering, MIT Campus - Anna University., India from 28-Oct-2017.
9. Attended a National level Short Course on "FDTP on VLSI Design (EC-6601)" organized by Department of Electronics Electronics Engineering, MIT - Campus , Anna University, Chennai - 44, India from 20-Nov-2017 to 26-Nov-2017.
10. Participated in a International level workshop on "3 Days hands on training on Artificial Neural Network using MATLAB" organized by Computer Center, MIT - Campus, Anna University, Chennai - 44, India from 25-May-2018 to 27-May-2018.
11. Attended a National level Short Course on "ATAL Academy Online FDP on Data Sciences" organized by MIT - Campus, Anna University, Chrompet., India from 14-Dec-2020 to 18-Dec-2020.
12. Attended a National level Short Course on "ATAL Academy Online FDP on Mathematics for Machine Learning" organized by Department of CSE, NIT - Arunachal Pradesh, India from 27-Jul-2021 to 31-Jul-2021.
13. Attended a National level Short Course on "AICTE Training And Learning (ATAL) Academy Online Advanced FDP on "Mobile Robotics"" organized by Indian Institute of Technology Patna, India from 20-Sep-2021 to 24-Sep-2021.

Extension & Outreach Programme

1. Faculty, Industrial Visit, participated by 60 Students and funded by Students at Pune during 10-Dec-2016 and 20-Dec-2016. No. of participants: 60.
2. Faculty, BAJA 19, participated by 30 Students and funded by Students at Indore - MP during 19-Jan-2019 and 31-Jan-2019. No. of participants: 30.
3. Faculty, BAJA 20, participated by 30 Students and funded by Students at Chitkara University, Punjab during 02-Mar-2020 and 12-Mar-2020. No. of participants: 30.