



## PIYUSH NARENDRA DAVE

M.E. (Control System) Pune University

B.E. (Electronics & Telecommunication Engineering), Mumbai University

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**Email Id** :piyush.dave@mctrigit.ac.in

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**Designation** :Assistant Professor in Electronics and Telecommunication Department

**Experience** :8 years

**Date of Joining** :26-07-2016

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**Areas of Interest** : Control System, Controller designing

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### Publications

#### Journals

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🌐 International : 08

- **Piyush Dave**, Arvind Sangle, Usha Gupta, Vinita Vartak, "Comparison and Selection of Appropriate PID controller for Nonlinear Unmanned ground vehicle", International Conference on Smart City and Emerging Technologies" ICSCET-2018 on 5<sup>th</sup> Jan 2018 at Universal COE.
- Aditya Ambikar, Gaurav Deshmukh, Parikshit, **Piyush Dave**, "Speech Recognition using Recurrent Neural Network" at IEEE ICCTCT 2018 International Conference at Coimbatore, Tamilnadu, 1-3 March 2018
- Jaypal B., Arpan S., Afshan M., Amol B., **Piyush Dave**, "Design and Analysis of Metamaterial Lens Incorporated Ultra Wide Band (UWB) Antenna", proc of IEEE International Conference on Aerospace, 2017
- **Piyush Dave**, Dr. J.B. Patil, "Modeling and Control of Nonlinear Unmanned Ground All Terrain Vehicle" proc of IEEE International Conference on Trends in Automation, Communication and Computing Technologies ITACT, 21-22 Dec. 2015.
- **Piyush Dave**, Dr. J.B. Patil, "A Comparative Study of PID and SMC Controller for Nonlinear Unmanned Ground All Terrain Vehicle", proc of IEEE International Conference on Trends in Automation, Communication and Computing Technologies ITACT, 21-22 Dec. 2015.
- **Piyush Dave**, Kaveri S., Seema K., "Sliding Mode Control of Nonlinear Unmanned Ground All Terrain Vehicle", proc of IEEE International Conference on Trends in Automation, Communication and Computing Technologies ITACT, 21-22 Dec. 2015.
- Amol B, Jaypal B., Afshan M., Nilesh J., Prof. **Piyush Dave**, "Coded Sub Band Replacement DWT Based Space Image Compression", proc of IEEE International Conference on Aerospace, 5-12 March, 2016.
- Amol B., Jaypal B. Swapnil W., Afshan M., **Piyush Dave**, "Comparative Study of Communication Technologies for Power Optimized Automation Systems: A Review and Implementation", proc of IEEE Fifth International Conference on Communication Systems and Network Technologies, 4-6 april 2015

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**Professional Bodies Association:**

- 1 lifetime member of ISTE
- Life time membership of IETE

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**Interaction with Professional Institutions :**

- STTPs : 4
- One week ISTE Approved STTP on MATLAB held at Universal College of Engineering, Vasai, June 2016
- Two Week Main Workshop on Control Systems under NMEICT at KK Wagh I.E.E. & R., Nasik for 2<sup>nd</sup> December 2014 to 12<sup>th</sup> December 2014.
- Transformational Learning held at Universal College of Engineering, Vasai from 11<sup>th</sup> November to 16<sup>th</sup> November 2013.
- Recent Advance in Microwave Engineering held at Vidyavardhini's college of Engineering and Technology, Vasai Road (West) from 17th June 2013 to 22th June 2013.
- Successfully completed NPTEL 12 week course in Microprocessor and Microcontroller in Jan to April 2018