**Short CV**

Ganesh Roy

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**Academic Qualifications**

* M-TECH (Department of Electrical Engineering, NITTTR, Kolkata, 2011)
* BE (Department of AEIE, University Institute of Technology, Burdwan, 2008)

**Research Interests**

* Mechatronics
* Industrial Automation
* BCI and Assistive devices

**Teaching**

* Control System-I
* Control System-II
* Virtual Instrumentation
* Computer Control of Process
* Biomedical Instrumentation

**Publications**

**A) International Journal**

1. Subrata Chattopadhyay, Ganesh Roy and Mrutyunjaya Panda--“Simple Design of a PID Controller and Tuning of Its Parameters Using LabVIEW Software”, Sensors & Transducers Journal, Vol. 129, Issue 6, June 2011, pp. 69-85.
2. Awadhesh Kumar Singh, Mrigen Das, Dipak Basumatary, Ganesh Roy --“A Review note on Compensator Design for Control Education and Engineering”, International Journal of Engineering Research & Technology (IJERT), Vol. 3 Issue 2, February – 2014, ISSN: 2278-0181.

**B) National Conference**

1. S. Chattopadhyay and G. Roy -- “Design of a PID Controller by Utilising LabVIEW Software and Study of Its Application in Process Plant” -- Proceedings of the 2nd National Conference on Recent Advances in Control and Instrumentation (RACICON- 2011) on 26th – 27th February 2011 held at Gunupur, Organized by Dept. of AE&IE, Gandhi Institute of Engineering and Technology, Gunupur, Orissa India, pp. 82-88.

**C) International Conference**

1. Ullash Roy, Ransai Basumatary, Ganesh Roy -- “Design and Performance of PID and Fuzzy Logic Controller for Thermal Process Using LabVIEW” IJECT Vol. 6, Issue 1, Spl- 1 Jan - March 2015, ISSN: 2230-7109 (Online) | ISSN: 2230-9543 (Print).

2. Naynjyoti Boro, Hrishikesh Das, Abhi Ghosh, & Ganesh Roy--“Vibration Signal Analysis for Bearing Fault Detection in Mechanical Systems” Frontiers in Computer, Communication and Electrical Engineering – Acharyya (Ed.) © 2016 Taylor & Francis Group, London, ISBN: 978-1-138-02877-7.