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**NASHIK DISTRICT MARATHA VIDYA PRASARAK SAMAJ'S**

# **Karmaveer Adv. Baburao Ganpatrao Thakare COLLEGE OF ENGINEERING**

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**Department of Instrumentation and Control**

**Academic Year 2014-2015**

<b>Sr. No.</b>	<b>Name of the Staff</b>	<b>Achievement Certificates</b>	<b>Category (Paper / Workshop / FDP / Seminar / STTP)</b>	<b>National / International/ State/ Institute Level</b>	<b>Role</b>	<b>Year</b>
1	Prof. Dr. B. B. Musmade	B. B. Musmade and B. M. Patre, "Design of sliding mode control scheme for nonlinear processes for improved performance", Accepted for presentation in International Conference on Industrial Instrumentation and Control (ICIC 2015) to be held at College of Engineering Pune, 28-30 May, 2015.	Paper	International	Participant	May 2015
		Worked as Coordinator for Two week ISTE Main Workshop on "Control Systems", 2-12 December, 2014" Under the National Mission on Education through ICT (MHRD, Govt. of India) conducted by IIT, Kharagpur.	Workshop	Institute	Coordinator	Dec 2014
		Attended Two days workshop on "Advanced Control of Underwater Vehicles", at SGGS Institute of Engineering and Technology, Nanded during 9-10 January,2015.	Workshop		Participant	January 2015

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2	Prof. Dr. N. S. Patil	Submitted thesis entitled " <b>Contributions to the theory of stochastic systems</b> " for the award of Ph.D. degree to Sardar Vallabhbai National Institute of Technology, Surat in December 2014.			Ph. D. Student	December 2014
		Nanasaheb S Patil and Shambhu N Sharma, "A prediction theory for a coloured noise-driven stochastic differential system", Systems Science & Control Engineering: An Open Access Journal, Taylor and Francis, vol. 2, issue 1, 2014, pp. 342-350.	Paper	International	Author	
		Nanasaheb S Patil and Shambhu N Sharma, "Some new results on time-varying Stratonovich and Itô bilinear stochastic systems," Journal of Control and Decision, Taylor and Francis vol. 1, issue 4, pp. 283-298, 2014.	Paper	International	Author	
		Nanasaheb S Patil and Shambhu N Sharma, "On the mathematical theory of a time-varying bilinear stochastic differential system and its application to two dynamic circuits, Transactions of the Institute of Systems, Control and Information Engineers, vol. 27, issue 12, pp. 485-492, 2014.	Paper	International	Author	
		Nanasaheb S Patil and Shambhu N Sharma, On a non-linear stochastic dynamic circuit using Stratonovich differential, Journal of the Franklin Institute, Elsevier, doi:10.1016/j.jfranklin.2014.12.018 (To be published in March 2015 issue).	Paper	International	Author	

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3	Ms. S. H. Jadhav	Working as Remote Center coordinator (KBTCOE: 1259) Under the National Mission on Education through ICT (MHRD, Govt. of India) since 2010.		Institute	Coordinator	Since 2010 to till date
		Paper entitled "Content based image retrieval system with schematic indexing", Accepted for presentation in <i>International Conference on Computational intelligence and applications</i> (ICCIA 2015) to be held at SITRC, Nashik, 25-26 February, 2015.	Paper	International	Author	February 2015
		Received grant of Rs. 1,00,000.00 for Aakash R & D project Under the National Mission on Education through ICT (MHRD, Govt. of India) for academic year 2014-15.	Grant	National		Year 2014-2015
		Working as coordinator for "Super Computing Laboratory" Setup under NVIDIA CCOE and IIT Bombay from July 2014.		Institute	Coordinator	July 2014

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4	Mr. Y. P. Patil	Selected as Research Scholar at Sardar Vallabhbhai National Institute of Technology, Surat as part time external candidate from Jan. 2015.			Student	January 2015
		Attended Two week ISTE Workshop on “Control Systems”, 2-12 December, 2014” Under the National Mission on Education through ICT (MHRD, Govt. of India) conducted by IIT, Kharagpur.	Workshop	National	Participant	December 2014
		Attended Two week "Faculty Development Program on Entrepreneurship" sponsored by DST-NIMAT, New Delhi from 18-30, December 2014.	FDP	Institute	Participant	December 2014
		One week FDP on Control Systems by IIT, Mumbai during 2 <sup>nd</sup> to 12 <sup>th</sup> December 2014	FDP	National	Participant	2014
		Two day’s Workshop on “Advanced Topics on Control Systems” at NDMVP’S KBTCOE, Nashik during 27 <sup>th</sup> & 28 <sup>th</sup> January 2015	Workshop	State	Participant	2015
		A paper title “Design of sliding mode control scheme for non-linear processes for improved performance” at IEEE 2015 International Conference on Industrial Instrumentation & Control (ICIC) at COEP, Pune during May 28-30, 2015.	paper	International	Author	2015
		A paper title “Discrete Time Sliding Mode Control for Three Time Scale Systems” at IEEE 2015 International Conference on Industrial Instrumentation & Control (ICIC) at COEP, Pune during May 28-30, 2015	paper	International	Author	2015

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5	Mr. S. R. Pandit	Attended Two week ISTE Workshop on "Control Systems", 2-12 December, 2014" Under the National Mission on Education through ICT (MHRD, Govt. of India) conducted by IIT, Kharagpur.	Workshop	National	Participant	December 2014
6	Mr. V. A. Ahirrao	Attended Two week ISTE Workshop on "Control Systems", 2-12 December, 2014" Under the National Mission on Education through ICT (MHRD, Govt. of India) conducted by IIT, Kharagpur.	Workshop	National	Participant	December 2014
		Advanced Topics on Control Systems	Workshop	Institute	Participant	2015
7	Mr. D. B. Ghodke	Attended Two week ISTE Workshop on "Control Systems", 2-12 December, 2014" Under the National Mission on Education through ICT (MHRD, Govt. of India) conducted by IIT, Kharagpur.	Workshop	National	Participant	December 2014
		Attended workshop on "Research Methods in Educational Technology", 23-24 December, 2014 at PDEA's College of Engineering, Manjari, Pune.	Workshop	National	Participant	December 2014
		Electric Vehicles	STTP	National	Participant	2014

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8	Mr. S. B. Lukare	Attended Two week ISTE Workshop on “Control Systems”, 2-12 December, 2014” Under the National Mission on Education through ICT (MHRD, Govt. of India) conducted by IIT, Kharagpur	Workshop	National	Participant	December 2014
		S. B. Lukare et al “Auto tuning of PID controller for Robot Arm and Magnet levitation plant”, International Journal of Research in Engineering and Technology Volume 4, Issue 1, January 2015, pp. 186-193.	Paper	International	Author	January 2015
		S. B. Lukare et al “Design of PI/PID Controller for FOPDT System” , International Journal of Advanced Research in Computer Science and Software Engineering Volume 5, Issue 2, February 2015, pp. 645-651.	Paper	International	Author	February 2015
		S. B. Lukare et al “Performance Enhancement of SOPDT System with Numerically Optimized PID Controller”, International Journal on Recent and Innovation Trends in Computing and Communication Volume 3, Issue 4, April 2015 pp. 2330-2334.	Paper	International	Author	April 2015