



## Sinhgad Technical Education Society's

Sinhgad College of Engineering  
Vadgaon (Budruk) Off. Sinhgad Road, S.No. 44/1,



### Dr. Jayesh Laxmikant Minase

PhD

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### Significant Achievement

- Innovation Award Innovative Project Award by the University of Adelaide, 2006
- The Sam Luxton prize by School of Mechanical Engineering, The University of Adelaide in year 2008
- Keynote Speaker at 1st International Conference on Design, Manufacturing and Mechatronics, Pune on 10th January 2014; Topic, A Survey of Driving, Modelling & Control Strategies for a Piezoelectric Actuator for use in Micropositioning Application,
- Faculty Advisor of Team Kraftwagen which won multiple awards at BAJA SAE National Level ATV competition during year 2013-2016

### Academic Qualification

Degree	Institute Name	University Name	Year of Passing	Percentage	Grade	Qualification Status
PhD	School of Mechanical Engineering	University of Adelaide, Australia	2011	-	Satisfactory	Completed
M.S	School of Mechanical Engineering	State University of New York, USA	2004	-	B+	Completed
BE Mech	RIT Sakhrale	Shivaji university	2000	79.8%	Distinction	Completed

### Subject Expertise

Subject	No Of Years	Remarks
Basic Mechanical Engineering	01	

Mechanical and Electronic Measurements	01	PG Mechatronics
Instrumentation & Automatic Control	01	PG Design
Computer Oriented Numerical Methods	01	
Computer Oriented Numerical Methods	01	
Mechatronics		
System Modelling Identification and Simulation	03	
Control Systems I	03	
Control Systems II	03	
Hydraulics & Pneumatics		

## Conference Details

Name	Venue	Date	Level	Category	Type	Sponsored By
Australasian Conference on Robotics and Automation	Brisbane, Australia	01 Dec 2010 to 03 Dec 2010	International	Research		University of Adelaide
: 8th International Symposium on Measurement Technology and Intelligent Instruments	Sendai, Japan	24 Sep 2007 to 27 Sep 2007	International	Research		University of Adelaide
Proceedings of SPIE: Smart Structures, Devices and Systems III	Adelaide, Australia	11 Dec 2006 to 13 Dec 2006	International	Research		University of Adelaide
Australasian Conference on Robotics and Automation	Auckland, New Zealand	06 Dec 2006 to 08 Dec 2006	International	Research		University of Adelaide
International Conference on Design, Manufacturing and Mechatronics [ICDMM-2014]	Pune	09 Jan 2014 to 10 Jan 2014	International	Research		Sinhgad Institutes

## Workshop Attended

Workshop Topic	Conducted By	Date	Level	Category	Type
Syllabus Discussion for UG Program in Mechatronics	D Y Patil School of Engineering	08 Apr 2015 to 08 Apr 2015	Other In House Event	Other In House Event	External
National Workshop	Trinity College of Engineering	28 Feb 2016 to 29 Feb 2016	Research	Research	External

## Research Papers and Journals

ISSN/ISBN No	Paper Title	Publish Date	Journal/Conference Name	Level	Paper Status	Authors
0268-3768	Adaptive identification of hysteresis and creep in piezoelectric stack actuators	2010	The International Journal of Advanced Manufacturing Technology	Refereed and Indexed Journal	Accepted and Published	Jayesh Minase

0141-6359	A review, supported by experimental results, of voltage, charge and capacitor insertion method for driving piezoelectric actuators	2010	Journal of Precision Engineering	Refereed and Indexed Journal	Accepted and Published	Jayesh Minase
2231-6477	Wave Energy Conversion an Emerging Mode of Renewable and Sustainable Power Generation	2012	International Journal of Mechanical and Industrial Engineering (IJMIE)	Journal - International level	Accepted and Published	Jayesh Minase

## Membership Details

Membership Body	Details	Duration	Level
Society of Automotive Engineers	Membership No: 7140513428	01 May 2016 to 01 May 2017	National

## Post Held

Organization Name	Post	Organization Category	Appointment Status	Duration
University of Adelaide Australia	Lecturer	University of Adelaide	Ad hoc	Mar 01,2006 to Dec 01,2010
Bharati Vidyapeeth Deemed University College of Engineering	Associate Professor	Bharati Vidyapeeth Deemed University	Permanent	Jan 20,2011 to May 25,2012
Sinhgad College of Engineering	Assistant Professor	Sinhgad College of Engineering	Permanent	Jul 03,2012 to

## Declaration

I hereby declare that all the above information furnished by me are true to the best of my knowledge.

Date :01-Aug-2016

Dr. Jayesh Minase