



Dr. Amarsingh Baburao Kanase-Patil
BE(Mech), ME(Mech-Heat Power), PhD(IIT Roorkee)

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Significant Achievement

- 3rd Position in ASME Student Design Exposition Guided BE(Mechanical) students and get 3rd Position in ASME Student Design Exposition 2013, I. I. T. Roorkee
- 2nd Rank in Srujan Guided SE(Mechanical) students and get 2nd Rank in Srujan Solar Business Plan Competition
- BOS Member BOS Member - Mechatronics Engineering Governing Body
- International Biographical Centre, Cambridge UK Outstanding Intellectuals of 21st Century
- 4th position in Project Competition Tryst 2014 Event organized by IIT, Delhi.
- 3rd Prize in Mathematical Model Competition Cognizance Organized by IIT Roorkee
- Journal of Applied Thermal Engineering BE project students submitted research paper in Elsevier - International Journal of Applied Thermal Engineering
- MEGRES'15 BE project students presented paper at 2nd Mechanical Engineering Graduate Research Symposium (MEGRES'15), IIT Bombay, Mumbai

Academic Qualification

Degree	Institute Name	University Name	Year of Passing	Percentage	Grade	Qualification Status
B.E. (Mechanical)	PVPIT Budhgaon	Shivaji university	2002	71.2%	-	Completed
M.E. (Mechanical – Heat Power Engineering)	Government College of Engineering, Karad	Shivaji university	2006	72.86%	-	Completed
PhD	Indian Institute of Technology Roorkee	IIT Roorkee	2011	-	-	Awarded

Subject Expertise

Subject	No Of Years	Remarks
Basic Mechanical Engineering	1	UG
Design of Pumps, Blower and Compressor	1	UG
Energy Audit and Management	4	UG
Power Plant Engineering	4	UG
Numerical Methods in Fluid and Thermal engineering	2	PG
Automotive Fuels and Emission	2	PG
Engine Combustion Technology	3	PG
Advanced Mathematics and Numerical Methods	3	PG

Training Details

Training Title	Arrange By	Venue	Date	Level	Category	Type
Advances in Heat Exchanger Technology (AHET 2013)	S. C. O. E. Pune,	Dept of Mechanical Engg, STES, SCOE, Pune	08 April 2013 to 12 April 2013	FDP	Co-Curricular Activities	

Renewable Energy Innovations and Challenges	M. I. T. Pune	M. I. T. Pune	05 Mar 2013 to 05 Mar 2013			
Implementation of syllabus of BE Automobile Engineering	G. C. O. E. R. Awasari, Pune	G. C. O. E. R. Awasari, Pune	17 Sep 2011 to 17 Sep 2011			
Implementation of syllabus of Design of Pumps, Blowers and Compressors	D. Y. P. I. E. T. Pune	D. Y. P. I. E. T. Pune	16 Aug 2011 to 16 Aug 2011			
Web of Science - As a Research Tool	I. I. T. Roorkee	I. I. T. Roorkee	20 Nov 2008 to 20 Nov 2008	Institute	Co-Curricular Activities	Internal
Hazardous Waste Management, Batteries & E- Waste Management	I. I. T. Roorkee	I. I. T. Roorkee	27 Mar 2007 to 31 Mar 2007	Training	Co-Curricular Activities	Internal

Conference Details

Name	Venue	Date	Level	Category	Type	Sponsored By
National Conference on Advances in Design and Thermal Engineering (NCADTE-2016)	G. H. Raisoni CoE, Ahamadnagar	17 Feb 2016 to 18 Feb 2016	National	Research		NIL
2nd Mechanical Engineering Graduate Research Symposium (MEGRES)	IIT Bombay, Mumbai, India	21 Mar 2015 to 21 Mar 2015	National	Intra-Institutional Conference		IIT Bombay, Mumbai, India
21 st International Symposium on Alcohol Fuels (ISAF 2015)	Automobile Research Center (ARC), Chonnam National University (CNU), Gwangju, Korea	10 Mar 2015 to 14 Mar 2015	International	Research		
International Conference on Technologies for Sustainable Development. (ICTSD 2015)	Don Bosco Institute of Technology, Mumbai, India	04 Feb 2015 to 06 Feb 2015	International	Research		Don Bosco Institute of Technology, Mumbai, India
National Conference on Fluid Dynamics and Heat Transfer	Department of Mechanical Engineering, Sinhgad College of Engineering, Pune	19 Jan 2015 to 20 Jan 2015	National	Quality Improvement Programs		Savitribai Phule Pune University, Pune
International Conference on Environment and Energy (ICEE-2014)	Jawaharlal Nehru Technical University, Hyderabad, India	15 Dec 2014 to 17 Dec 2014	International	Research		Jawaharlal Nehru Technical University, Hyderabad, India
6th International Conference on Hydropower with theme Hydropower supporting other renewable	Tromso, Norway	01 Feb 2010 to 03 Feb 2010	International	Research		Troms, Norway
International Conference on Advances in Mechanical Engineering (ICAME)	Department of Mechanical Engineering, Sardar Vallabhbhai National Institute of Technology, Surat	15 Dec 2008 to 17 Dec 2008	International	Research		AICTE
Renewable Energy Asia 2008-An International Conference & 4th SEE Forum Meeting	Centre for Rural Development and Technology, Indian Institute of Technology Delhi	11 Dec 2008 to 13 Dec 2008	International	Research		Centre for Rural Development and Technology, Indian Institute of Technology Delhi

Seminars Attended

Seminar Topic	Conducted	Venue	Date	Level	Category	Type
All India Seminar on Energy, Environment & Economics	NIT Rourkela	Dept of Mechanical Engineering	03 Nov 2007 to 04 Nov 2007	National	Research	External

Workshop Attended

Workshop Topic	Conducted By	Date	Level	Category	Type
One-day workshop on "Concentrated Solar Technology"	SCOE, Pune and Ministry of New and Renewable Energy	15 Jun 2012 to 15 Jun 2012	Industry Interaction	Industry Interaction	External
Advances in Heat Exchanger Technology (AHET 2013)	S. C. O. E. Pune	08 Apr 2013 to 12 Apr 2013	Quality Improvement Programs	Quality Improvement Programs	External

Research Papers and Journals

ISSN/ISBN No	Paper Title	Publish Date	Journal / Conference	Level	Paper Status	Authors
0960-1481	Integrated Renewable Energy Systems for off Grid Rural Electrification of Remote Area	2010	Renewable Energy	Refereed and Indexed Journal	Accepted and Published	Amarsingh Kanase-Patil
0960-1481	Sizing of integrated renewable energy system based on load profiles and reliability index for the state of Uttarakhand in India	2011	Renewable Energy	Refereed and Indexed Journal	Accepted and Published	Amarsingh Kanase-Patil
0360-5442	Development of IREOM model based on seasonally varying load profile for hilly areas of Uttarakhand, India	2011	Energy-The International Journal	Refereed and Indexed Journal	Accepted and Published	Amarsingh Kanase-Patil
2325-0526	Heat Transfer Enhancement in Solar Air Heater having Multi-Arc Shape Artificial Roughness with Gap	2015	IEEE Explore	Conference-International level	Accepted and Published	Amarsingh Kanase-Patil
2319-3182	Samir Datka, A. B. Kanase-Patil	2015	International Journal on Theoretical and Applied Research in Mechanical Engineering	Journal - International level	Accepted and Published	Amarsingh Kanase-Patil

Membership Details

Membership Body	Details	Duration	Level
The Institution of Engineers (India)	Associate Member	01 Jan 2008 to	National
Indian Society For Technical Education (ISTE)	Life Member	01 May 2015 to 21 Jul 2015	National
Indian National Science Academy (INSA)	Life Member	01 Jul 2013 to 21 Jul 2015	National

Post Held

Organization Name	Post	Organization Category	Appointment Status	Duration
KAY Pulp and Paper Mills Limited, Borgaon	Graduate Trainee Engineer (GTE)	MECHANICAL INDUSTRY	Trainee engineer	Jul 01,2002 to Aug 16,2003
Govt. Polytechnic Karad	Lecturer in Department of Mechanical Engineering	Government Polytechnic	Visiting	Aug 01,2005 to Jan 14,2006
Govt. College of Engg, Karad	Lecturer in Department of Mechanical Engineering	An academic institute affiliated to Shivaji University, Kolhapur	Contractual	Jan 16,2006 to Jan 04,2007
STES, Sinhgad College of Engg, Vadgaon (BK), Pune	Assistant Professor in Department of Mechanical Engineering	An academic institute approved by AICTE and affiliated to Pune University	UGC Approved	Apr 15,2011 to Aug 31,2012
STES, Sinhgad College of Engg, Vadgaon (BK), Pune	Associate Professor in Department of Mechanical Engineering	An academic institute approved by AICTE and affiliated to Pune University	UGC Approved	Sep 01,2012 to

Declaration

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

Date: 01-Aug-2016

Dr. Amarsingh Kanase-Patil