

Dr. Arvind Balkrishna Datye



Name:	Dr. Arvind Balkrishna Datye
Birth Date:	January 10, 1957
Present Position:	Professor in Mechanical Engineering, MVJ college of Engineering, Bangalore
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Academic Qualifications:

Degree	Institute	Year	Class
B.E.(Mechanical)	Walchand College of Engineering, Sangli	1979	First
M.Tech. Heat, Power and Refrigeration	I.I.T. Bombay	1981	First
Ph.D. Mechanical, Thermal	I.I.T. Bombay	2004	--

PhD Thesis Title:

Design, Fabrication and Testing of 100 kg/h IQF Tunnel using Liquid Nitrogen.

Guides:

- 1) Prof. K. G. Narayankhedkar
- 2) Prof. G. K. Sharma

Professional Experience:

Position	Organization	Year
Product Development Engineer	Standard Radiators, Baroda	June 1981 - Jan 1986
Industrial Engineer	Rashtriya Chemicals and Fertilizers, Alibaug	Jan 1986 - Jan 1988
Assistant Professor	KESEngineeringCollege, Pen	Jan 1988 - Jan 1998
Research Scholar	IIT , Bombay	Jan 1998 - June 2001
Professor & Head of Mechanical Engineering Department	VCET, Vasai	June 2001- Nov 2006
Associate Professor	IPTG Raisan, Gandhinagar, Gujarath	One Semester
Professor	KIT, Kohapur	Two Semester
Director & Professor in Energy Technology	Shivaji University, Kolhapur	August 2008-June10
Principal	Atharva College of Engineering	August 10- August 11
Director	Mangalayatan University, UP	(August 2011)- January 2013
Principal	ISBM , Pune	January 2013-June 2013
Director	Krishna Engineering college Ghaziabad	June 2013 August 2014

Worked as Associate Professor in Mechanical Engineering GonderUniversity Ethiopia from August2014 to July2015.

Experience Summary: 33 years (academic 26 + industrial 7)

Present Assignment:

Working as visiting faculty at Shivaji University Kolhapur and Professor in Mechanical Engineering at MVJ Engineering college.

Research Publications:

- 1)Datye A.B.“Decision Support system for boiler manufacturing Industry”, Operation Research Society of India, Jamashedpur, January 1983.

- 2)Datye A B, Narayankhedkar K G, Sharma G K, "Individual Quick Freezing of sea foods using liquid nitrogen," 17th National symposium on Cryogenics, Nagpur, 1999.
- 3)Datye AB, Narayankhedkar K G, Sharma G K, "Application of finite difference for estimation of temperature in prawns during liquid nitrogen based IQF process", International Cryogenics Engineering Conference, IIT, Bombay , Jan 2001.
- 4)Datye AB, Narayankhedkar K G, Sharma G K, "Design Procedure for IQF using liquid Nitrogen," International Symposium on recent trends in the heat and Mass transfer, IIT Guwahati, Jan 2002.
- 5)Datye A B, Narayankhedkar K G, Sharma G K, "Development of design procedure for IQF using liquid nitrogen", Journal of food Process Engineering, 2003 , 385 H.
- 6)Datye A B,Asolekar U V,"Design Fabrication and Testing of Dehydrator for various food products" 89, Emerging Trends in Mechanical Engineering,NIT KurukshetraMarch 29-30, 2005.
- 7)Datye AB, Narayankhedkar KG, Sharma G K, " Design Optimization of Liquid Nitrogen Based IQF Tunnel", CEC 2005, Colorado, USA, 2005.
- 8)Jilte R D, Datye A B , Chaudhari A J,"Performance Analysis of Diesel Engine Operating On Blend of Karanja Oil And Soybean Oil With Diesel",International Conference on Bio-Fuel Vision2015, Bikaner, Oct 2006.
- 9)Jilte R D, Datye A B, Patel V D, "Design and Experimental Evaluation of Fuel Efficient Heat Pipe-Petrol Engine", International Conference on Bio-Fuel Vision2015, Bikaner, Oct 2006
- 10) Gawande, Datye A B , " Efficiency calculation of solar steam cooking at Haridwar, " National conference at Itanagar, October 2010
- 11) J S Bagi, V N Mane, A B Datye " Improvement in quality dimensions of shell & tube type heat exchanger by using design software" International Journal of Advanced Engineering Technology" Vol III, January – March 2012, 183-188
- 12) J S Bagi, R Salunkhe, A B Datye " Process Quality Optimization through lead time reduction of Friction Rollers ", International Journal of Advances in Science & Technology , Vol 3 No 6 2011 pp 87-104

Computer Consultancy:

Organisation	Projects Undertaken	Training
Sudershan Chemicals, Roha		Basic, Operating systems
FDC Limited , Roha	Salary, Bonus, Material Management, Over time statements	Lotus 123, Dbase III +
Excel Industries , Roha	MIS reports for current, cumulative production	Lotus 123, Dbase III +
DMCC, Roha	Salary, Bonus, Material Management, Over time statements, Energy Audit	Lotus 123, Dbase III +
Gharda Chemicals, Chiplun		Lotus 123, Dbase III +, AutoCAD

Other Highlights:

- Being in a noble profession of teaching, I believe and follow professional ethics strictly.
- I try to be a mentor of the students to the best of my abilities and intentions.
- I have guided 25 ME, M Tech projects
- I am guided 3 Ph D projects
- I have successfully designed and implemented the proctor grading system at VCET Vasai.
- I have successfully carried out the design and testing of flow rider for M/S Arihant Industries Ltd. Vasai.
- I was involved in developing the entire new Department of Technology at Shivaji University Kolhapur.
- I worked as Chairman Ad hoc board in Technology; I worked on several different committees in various capacities.
- I am working as member of Academic Council, Executive council of Mangalayatan University.
- I have worked as member of UP Public Service commission board member

Prof Dr A B Datye