



VIDYAVARDHAKA COLLEGE OF ENGINEERING

P.B. No.206, III – Stage, Gokulam, Mysuru - 570 002, Karnataka, INDIA.

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Phone: +91 821 4276210 / 211

FACULTY PROFILE

Name of the Faculty	Dr. VINAY K B
Designation	Associate Professor
Contact Numbers	Office: 0821- 4276264 Mobile: 91- 9886765126 Fax: 0821- 2510667
Email ID	vinaykb@vce.ac.in



Educational Qualification

Degree	Specialization	Year of Passing	University
Ph. D	Mechanical Engineering	2015	VTU
M. Tech	Mechanical Engineering	2002	VTU
B.E	Mechanical Engineering	2000	University of Mysore

Work Experience

Teaching	Research	Industry
13	1	-

Publications

National / International Journals	National / International Conferences
09	07

Areas of Interest

Incubation	Heat Transfer and Fluid Flow	Quality Management	Operations Management	Entrepreneurship	Engineering System Design
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Subjects Taught

Elements of Mechanical Engineering	Computer Aided Engineering Drawing	Computer Aided Machine Drawing	Heat and Mass Transfer	Statistical Quality Control	Engineering Economics
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In-House Experience

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Sl. No.	Designation	Period	
		From	To
1	Lecturer	31/08/2005	31/01/2010
2	Lecturer (Senior Scale)	01/02/2010	31/01/2013
3	Associate Professor	01/02/2013	Till date

Outside Experience

Sl. No.	Designation	Organization	Period	
			From	To
1	Senior Teaching Fellow	SJCE, Mysore	01 – 08 – 2002	31 – 07 – 2005

Membership in Professional Bodies/University Bodies/Organizations

- Life Member of Indian Society for Technical Education.

Publications

National/ International Journals:

1. Dr. A. N. Santosh Kumar and Vinay K. B, ***“Technology Business Incubators - India’s Rejuvenating Scenario in Entrepreneurship Development”***, International Journal of Emerging Technologies and Applications in Engineering, Technology and Sciences (IJ-ETA-ETS) ISSN: 0974-3588, Jan ’10 – June ’10, Vol 3, Issue 1: pp 190 – 195.
2. Vinay K. B and Dr. A. N. Santosh Kumar, ***“The supportive role of Technology Business Incubators on sustainable growth and profitability of Small and Medium Enterprises”***, International Journal of Current Research and Review (IJCRR) ISSN: 0975 – 5241, October 2011, Vol. 3, Issue 10: pp 136 – 142.
3. Vinay K. B and Dr. A. N. Santosh Kumar, ***“Comparative Analysis of Technology Business Incubators for various Dimensions of Performance – A case study”***, International Journal of Mechanical Engineering and Material Sciences (IJMEMS) ISSN: 0974 – 584X, July - December 2012, Vol. 5, No 2: pp 147 – 149.
4. Ganesh B B, Dr. G. V. Naveen Prakash, Shanmuga Priya N and Vinay K. B,, ***“Forced Convection Heat Transfer Through Rectangular Drilled Fins”***, Midas Touch International Journal on commerce, Management and Technology, ISSN: 2320 – 7787, January 2014, Vol. 2, Issue 1, pp 433 – 437.
5. Vinay K. B and Dr. A. N. Santosh Kumar ***“Impact of Drivers and Inhibitors on Technology Business Incubators”***, International Journal of Advanced and Innovative Research (IAIR) ISSN: 2278 – 7844, March 2014, Vol. 3, Issue 3, pp 334 – 337.
6. Vinay K. B and Dr. A. N. Santosh Kumar ***“Startups and Clients perspective on Technology Business Incubators performance”*** International Journal of Mechanical Engineering and Technology (IJMET) ISSN: 0976 – 6340, September 2014, Vol. 5, Issue 9, pp 141 – 144.

7. Vinay K. B and Vismay K. G **“An Investigative Review on Cryosorption Pumps - Development and Application”**, International Journal of Engineering Trends and Technology (IJETT) ISSN: 2231 – 5381, November 2014, Vol. 17, Issue 4, pp 186 – 191.
8. Vinay K. B, Vismay K. G, S. Kasturirengan, G. A. Vivek, **“Experimental Investigation on Activated Carbon Based Cryosorption Pump”**, International Science Index, World Academy of Science, Engineering and Technology, (online), November 2015, Vol. 9, Issue 12, pp 1422 – 1427.
9. Vinay K. B and Syed Musab, **“Linear Static Structural Analysis of Omega Stringer and Splice Joints in Aircraft Fuselage”**, International Journal of Emerging Trends in Engineering Research (IJETER) online ISSN: 2347 - 3983, December 2016, Vol. 4, Issue 12, pp 97 – 101.

National/ International Conferences:

1. Vinay K. B and Dr. A. N. Santosh Kumar, **“Comparative Analysis of Technology Business Incubators for various Dimensions of Performance – A case study”**, International Conference on Current Trends in Engineering and Management (ICCTEM 2012), 12 – 14 July 2012, Vidyavardhaka College of Engineering, Mysore.
2. Vinay K. B, Ganesh B B and Dr. G. V. Naveen Prakash, **“Forced Convection Heat Transfer Through Rectangular Drilled Fins”**, International Conference on Technology Management for Green Environment (ICTMGE 2013), 19 – 21 September 2013, Visvesvaraya Technological University, Belgaum
3. Ganesh B B, Dr. G. V. Naveen Prakash and Vinay K. B, **“Effect of height in forced Convection Heat Transfer through Rectangular Perforated and Solid Fins”**, International Conference on Emerging Trends in Engineering and Technology (ICET²) 4 – 5 October 2013, Munnar, Kerala, pp37-40.
4. Vinay K. B, Ganesh B B and Dr. G. V. Naveen Prakash, **“Forced Convection Heat Transfer through Perforated Fins – an experimental Investigation”**, International Conference on Emerging Trends in Engineering and Technology (ICET²) 4 – 5 October 2013, Munnar, Kerala, pp 41-45.
5. Vinay K. B and Dr. A. N. Santosh Kumar, **“Startups and Clients perspective on Technology Business Incubators performance”**, International Conference on Current Trends in Engineering and Management (ICCTEM 2014), 17 – 19 July 2014, Vidyavardhaka College of Engineering, Mysore.
6. Vinay K. B, Vismay K. G, S. Kasturirengan, G. A. Vivek, **“Experimental Investigation on Activated Carbon Based Cryosorption Pump”**, 17th International Conference on Aerospace, Mechanical, Automotive and Materials Engineering (ICAMAME 2015), 10 - 11, December, 2015, Sydney, Australia.
7. Dr.Vinay K. B and Dr. A. N. Santosh Kumar, **“Higher Education in India through e – learning: Problems and Prospects”**, National Conference on Innovation in Logistics and Supply Chain Management (NCISM - 2016), 15 – 16 February 2016, Dayananda Sagar College of Engineering, Bangalore.

Faculty Development Programmes / Training Programmes Participated

1. One week FDP on **“CFD and Applications”** from 26 – 30 March, 2012 by VTU – VGST & VVCE, Mysore.
2. One week FDP on **“Refrigeration and Air Conditioning”** from 19 – 24 January, 2015 by VVCE, Mysore.

Faculty Development Programmes / Training Programmes Organized

1. FDP on “Turbomachines and its Application” from 26 - 27 August, 2016.

Workshops Attended

1. Two day workshop on “Research Methodologies & Latex” from 21 – 22 Nov, 2011 by e-learning Center VTU Belgaum.
2. Two day workshop on “Constitution of India and Professional Ethics” from 24 – 25 August 2005, organized by PES College of Engineering, Mandya

Workshops / Conference Organized

1. National conference on Emerging Trends in Mechanical Engineering (NCETME 2015) on September 23, 2015

Invited Lectures

1. Invited as Resource Person for to deliver lecture on “Entrepreneurship Development through Technology Business Incubation” on 12th November 2013 at Bhavan’s Priyamvada Birla Institute of Management, Mysore.
2. Invited as Resource Person for Entrepreneurship Awareness Camp to deliver lecture on “Entrepreneurship in present scenario” on 23rd September 2011 at Bahubali College of Engineering, Shravanabelagola, organized by VTU – EDC, Belgaum.

College Level Committee

As a Coordinator

1. Test and Examination Committee
2. Research center
3. Stock Verification

As a Member

1. Anti-Ragging Squad

Department Level Committee

As a Coordinator

1. Timetable
2. Test and Examination

As a Member

1. Curriculum Committee
2. Assessment and Evaluation Committee

Additional Responsibilities (if any)

- BOE, External Member, SJCE, Mysore from 2015 till date.
- BOE , External Member, PESCE, Mandya from 2016 to till date

Awards/Recognition/Achievements/Others

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