

RESUME

Dr. B. VENKATA NARAYANA

B. Tech., (Mechanical), M. Tech., (Production Engg.), PhD (Mechanical)

Professor & HOD – Mechanical Engg., &
DEAN (Admissions)
SEA College of Engg., & Technology,
Near Ayyappanagar Circle, KR Puram,
Bangalore – 49.

Email: narayana.bv73@gmail.com
Cell: 944 89 56755, 97397 42424
Phone No. +91 080-25613741/42 (Office)
Fax: +91 080-25613418 (Office)



ACADEMIC CREDENTIALS

Doctor of Philosophy (PhD)	PhD from the Department of Mechanical Engineering, S.V.U. College of Engineering, Tirupati, AP, awarded in 2016.
Doctoral Thesis	“Characteristics and Operating Features of Squeeze Film Damper (SFD)”
M. Tech., (Production Engg.,)	M. Tech., from S.V.U. College of Engineering, Tirupati, AP, with FCD (74.00 %) awarded in 2001
B. Tech., (Mechanical Engg.,)	B. Tech., from S.V.U. College of Engineering, Tirupati, AP, with FC (67.34 %) awarded in 1998
Diploma (Mechanical Engg.,)	Diploma from Government Polytechnic, Proddatur, AP, with FC (70.40 %) awarded in 1992
SSC	ABMH School, Proddatur, AP, with FC (77.83 %) awarded in 1988

TEACHING EXPERIENCE

Sept’ 2015 to till date (9 months)	Associate Professor & HoD , Department of Mechanical Engineering, S.E.A. College of Engg., &Technology, Bangalore
Feb’ 2011 to Aug’ 2015 (4 ½ years)	Assistant Professor & HoD , Department of Mechanical Engineering, S.E.A. College of Engg., &Technology, Bangalore
Oct’ 2008 to Feb’ 2011 (2 years and 4 months)	Assistant Professor , Department of Mechanical Engineering, S.E.A. College of Engg., &Technology, Bangalore
June 2007 to Sep’ 2008 (1 year 3 months)	Senior Lecturer , Department of Mechanical Engineering, S.E.A. College of Engg., &Technology, Bangalore
June 2001 to June 2007 (6 years)	Lecturer , Department of Industrial Engg., & Management, M.V.J. College of Engg., Bangalore
June 2000 to May 2001 (Ind. Exp.) (1 year)	Production Manager , G. Miltun Engineers, Bangalore.

Total Experience:

Teaching: 15 years

Industry: 1 year

Research: 05 years (PhD)

ACADEMIC AREAS OF INTEREST

- Production Engineering
- Metrology
- Operations Management
- Project Management
- Quality Management & Reliability
- Technology Management
- CAD/CAM
- Manufacturing Technology

PROJECTS / DISSERTATIONS SUPERVISED**Postgraduate**

More than *Thirty* major projects of M.B.A have been guided in the areas of Business Process Re-engineering, Technology Management, Strategic Management, and its allied areas.

Graduate

More than *Ten* major projects guided at B.E. level in the areas of Production and Industrial Engineering, Quality Management, TQM, Project Management and its allied areas

SUBJECTS TAUGHT AT POSTGRADUATE AND UNDERGRADUATE LEVELS**Postgraduate Level (MBA)**

Technology Management, Strategic Technology Management and Quality Management

Graduate Level

Manufacturing Process, Operations Management, Computer Integrated Manufacturing, Robotics, Reliability, Total Quality Management, Industrial Management, Material Science, Mechanical Measurements and Metrology Machine Drawing, Dynamics of Machinery, Elements of Mechanical Engineering and Engineering Drawing

RESEARCH PAPERS AND ARTICLES PUBLISHED**International Journals**

1. B. Venkata Narayana, P. Venkata Ramaiah, G. Krishnaiah, "Analysis of Finite Length Squeeze Film Damper using CFD", International Journal of Latest Trends in Engineering and Technology, Vol.5, No.4 (2015), pp: 219-224.
2. B. Venkata Narayana, V. Diwakar Reddy, G. Krishnaiah, "Characteristics Investigation of Squeeze Film Damper using Triangular Element", International Journal of Innovations in Engineering and Technology, Vol.5, No.2 (2015), pp: 313-320.

International Conferences

1. M. Nagendra Naik, K. Dharma Reddy, P. Venkata Ramaiah, B. Venkata Narayana, G. Bhanodaya Reddy, "Exploration of Mechanical behaviour and Wear behaviour of Al₄C₃ Reinforced Aluminium Metal Matrix Composites", published and presented in 5th International Conference on Material Processing and Characterization (ICMPC-2016) at Gokaraju Rangarju Institute of Engg., and Technology (organized with Elsevier Publishing), Hyderabad, during 12-13 March, 2016.
2. M. Nagendra Naik, K. Dharma Reddy, P. Venkata Ramaiah, B. Venkata Narayana, "Preparation of 7075Al-Al₄C₃ MMC's by Stir Casting and Evaluation of Mechanical and Wear Properties", published and presented in 1st International Conference on Productivity, Efficiency and Competitiveness in Design and Manufacturing, at PSG College of Technology, Coimbatore, held during 7-9 January, 2016.

3. B. Venkata Narayana, P. Venkata Narayana, G. Krishnaiah, "An Analysis of Squeeze Film Damper Characteristics by Finite Element Method", published and presented in the Proceedings of the International Conference, FAME' 08 at Mepco Schlenk Engineering College, Sivakasi, during 11-13 December, 2008.
4. B. Venkata Narayana, N. Suresh, "Applications of Traveling Salesman Algorithm: A Case Study", published and presented in the Proceedings of 6th International Conference of the Association of Asia Pacific Operations Research Societies (APORS-03) at IITD, New Delhi, during 8-11 December, 2003.

National Conferences

1. B. Venkata Narayana, B. Sanjay, "Theoretical Analysis of Squeeze Film Damper Characteristics using Finite Element Method", published and presented in the Proceedings of National Conference, NATCON-ME at MSRIT, Bangalore, held during 12-13 March 2004.

CONTRIBUTION TO TEACHING/ ACADEMIC ENVIRONMENT AND INSTITUTIONAL LEVEL

Administrative Experience:

- Head of the Department of Mechanical Engg., from Feb' 2011 to till date. Effectively running department and developed new labs to support the updated syllabus. Completely involved in budget preparation, purchase of materials, tools, equipments and preparing comparative statements, purchase orders etc.,
- Faculty Coordinator – AICTE online Application, SEA College of Engg., & Technology, Bangalore since 2010.
- Faculty Coordinator – AISHE online Application, SEA College of Engg., & Technology, Bangalore since 2010.
- Faculty Coordinator – VTU online Application, SEA College of Engg., & Technology, Bangalore since 2012.
- Coordinated for preparation of Fee Regulatory Committee proceedings.
- Faculty Coordinator - Cultural, SEA College of Engg., & Technology, Bangalore for the academic year 2015-16.
- Faculty Incharge – VTU Edusat Programme from Aug'2009 to Feb' 2016 and established SIT in SEA College of Engg., & Technology, Bangalore.
- Chief Superintendent, Deputy Chief Superintendent and Observer for VTU Examinations and competitive examinations like COMEDK, KSRTC etc.,
- Coordinated to establish Computer Lab (CAED Lab) and procurement of books, furniture etc., for Library.
- Overall development and Administration of group of institutions. Procurement, Recruitment and Admission Process, Staff selection, Expert Committee, Enquiry Committee, Disciplinary Committee etc.,
- Recommended the students for higher studies in abroad
- Coordinator for different committees in organizing different college programmes.
- Prepared Lab manuals Material Testing, Foundry and Forging, Mechanical Measurements and Metrology, Machine Shop etc.
- Staff coordinator for Accreditation, Department of IEM, MVJ College of Engineering, Bangalore for the academic year 2006-07.
- Internal Lead Auditor for ISO9001-2000, MVJ College of Engineering, Bangalore for two years 2005-07.
- Staff Coordinator - Confederation of Indian Industry (CII), MVJ College of Engineering, Bangalore for two years 2005-07.

- Faculty Incharge – Mechanical Measurements & Metrology Lab and modernized the lab with new equipments at Department of IEM, MVJ College of Engineering, Bangalore from 2004 to 2007.
- Warden Incharge – Boys and Girls Hostel of MVJ College of Education, Bangalore for the year 2005-06.

Workshops/Seminars/FDPs Organized:

- Organized Workshop on “Solar and Smart Energy Systems” held during 19-20, September 2014 at SEA College of Engg., & Technology, Bangalore (co-organized with Placement Cell) (2 days).
- Convener of VTU-VGST sponsor FDP on “Finite Element Methods in Structural Mechanics”, held during 5-8, August 2013 at SEA College of Engg., & Technology, Bangalore (4 days).
- Lead Organizer of one-day Workshop on “3DM Classroom”, held on 29th September, 2011 at SEA College of Engg., & Technology, Bangalore (1day).
- Lead Organizer of one-day Workshop on “Manufacturing Excellence” held on 24th November, 2006 at MVJ College of Engineering, Bangalore (1 day).
- Staff Organizer of Inter-Departmental Competition on “Personality Quotient”, held on 20th November, 2006 (1 day).
- Staff Organizer, AICTE-ISTE sponsor STTP on “Quality Control and Management”, held during 16-27 August, 2004 at MVJ College of Engineering, Bangalore (3 weeks).
- Staff Organizer, one-day Workshop on “Foundations of Global Supply Chain Management” held on 27th September, 2003 at Indian Institute of Science (IISc) , Bangalore (1 day).
- Organized number of technical seminars to enhance the knowledge of students.
- Organized Industrial Tours to the students at International Expo-Bangalore, RTPP-Raichur, BEML-KGF, Industries in and around Bangalore etc.,

Short-Term Courses/FDPs/Seminars/Workshops Attended:

- Three-Day Training Programme on “Institutional Leadership Program”, organized by Shruth & Smith Foundation at E-Inn, Bangalore held during 15-17, June 2012 (3 days).
- Academic Leadership Programme on “Innovation & Creativity in Technical Education”, organized by Shruth & Smith Foundation at PESIT Campus Auditorium, Bangalore from 2-4, March 2012 (3 days).
- One-Day National Workshop on “Advances in Tribo Technologies”, organized by Department of Mechanical Engineering, Bangalore Institute of Technology, Bangalore held on 14th October, 2011 (1 day).
- Three-Day Training Programme on “Computer Aided Machine Drawing”, organized by Department of Mechanical Engineering, Bangalore Institute of Technology, Bangalore held between 28-30, July 2008 (3 days).
- Faculty Development Programme on “Teaching, Research & Consultancy” of Mechanical Engineering Cluster at BMS College of Engineering, Bangalore from 5-10 Feb’ 07 (1 week)
- Faculty Development Programme on “Management Development Programme” organized by Department of IEM & MBA, MVJ College of Engineering, Bangalore held on 1st October, 2005 (1 day).
- Two-day Workshop on “Entrepreneur Development Awareness Programme” organized by Department of IEM & MBA, MVJ College of Engineering, Bangalore on 16th and 17th December, 2005 (2 days).
- Faculty Development Programme on “CAD Awareness Programme”, organized by UGS at VTU, Belgaum from 16-18, October 2004 (3 days).
- Short Term Programme on “Quality Control and Management”, organized by Department of IEM and Mechanical Engineering, MVJ College of Engineering, Bangalore from 16-27, August 2004 (2 weeks).

- Short Term Programme on “Calibration of Mechanical Measuring Instruments and Gauges”, at Foremen Training Institute, Bangalore held during 5-9, July 2004 (1 week).
- One-day Workshop on “Foundations of Global Supply Chain Management”, organized by MVJ College of Engineering and ORSI, Bangalore Chapter, Bangalore held on 27th September 2003 (1 day).
- Three Week Summer School on “Statistical Process Control and Allied Topics”, by SQC & OR Unit at Indian Statistical Institute, Bangalore from 11-30, August 2003 (3 week).
- Attended as Faculty Coordinator in AICTE awareness programmes on On-line Process.

Awards/Prizes/Citations/Credentials:

- **Best Teacher Award** from the Department of Mechanical Engineering for the Academic Year 2008-09 at SEA College of Engg., & Technology, Bangalore.
- **Best Teacher Award** from the Department of IEM for the Academic Year 2003-04 at MVJ College of Engineering, Bangalore
- **Third Prize for Best Project Work under VTU** for the Academic Year 2010-11 conducted at Reva Institute of Technology, Bangalore
- **Qualified in GATE-98** with all India Rank of 1300 (78.73 percentile) in Mechanical Engineering for year 1998.
- **NCC-B Certified** under the Unit: 11(A) AIR SQN(T), Tirupati in 1995.
- **Certified with Lower Grade** in Type-Writing English (30 wpm) in 1991.

Membership of Professional Bodies:

Member, Institution of Engineers (MIE) India
 Life Membership, Indian Society for Technical Education (MISTE), India
 Life Membership, Operations Research Society of India (LMORSI)

Some of the Delivered Lectures /Conference Lectures/ Keynote Speech/ Session Chaired:

- **Jury Member** for paper presentation in Two day National Level symposium M'EXPLORE-2K16, Department of Mechanical Engineering, SVU College of Engineering, Tirupati held on 4th March, 2016.
- **External Examiner** for practical examinations at Department of Mechanical Engineering, SVU College of Engineering, Tirupati.
- **Internal Examiner** for the assessment of MBA projects for Distance Education Programme, Anna University - Chennai at SEA College of Science, Commerce & Arts, Bangalore for the years 2010-12.
- **Part Time Lecturer** for Distance Education Programme (MBA), Anna University - Chennai at SEA College of Science, Commerce & Arts, Bangalore for the years 2010-12 and handled subjects like Quality Management, Knowledge Management, Strategic Technology Management.

Courses Attended:

- Proficiency Course on “Microelectromechanical Systems (MEMS)” at Indian Institute of Science (IISc), Bangalore held during Jan-May' 2005.
- Undergone various computer courses and programmes and familiar with softwares and languages.

Foreign Visits:

Visited as overseas visitor in CommunicAsia2009, International Exhibition at Singapore Expo, Singapore during 16-19, June 2009.