

RESUME



Name : Borole Kishor Rupchand

Date of Birth : 19th December, 1968

Father's Name & Occupation : Rupchand U. Borole

Present Address : K. R. Borole
K1/302, Amrut Ganga,
Opp. Indian Hume Pipe Industry,
Manik Baug, Off Sinhgad Road,
Pune – 411041
Mobile - 9860906353

Permanent Address : C/O. Shri. R. U. Borole
Shanti Complex, Tapi Road,
Bhusawal, Dist. Jalgaon
Pin- 425 201

Educational Qualifications :

Degree	University	Year	Percentage
Ph.D. (Mech. Engg.)	SRTM University, Nanded	2011	Awarded
M.E. (Mech. Engg.) (Design Engg)	Shivaji University, Kolhapur	1997	70.6% (Distn.)
B.E. (Mech. Engg.)	Amravati University, Amravati	1989	73.6%

- **Dissertation for Ph.D.**

Optimal Control of Vehicle Random Vibration with Active Suspension System.

- **Dissertation for M.E.**

Reduction of Centrifugal Fan Noise by Use of Resonators

- **Project for B.E.**

Mathematical Analysis of Solar Pond

- **Working Experience :**

Organization	Post	Period
Smt. Kashibai Navale College of Engg., Pune	Vice Principal	Since 02/09/2013 to till date
	Vice Principal & HOD, Mech. Engg.	Since 29/08/2011 to 01/09/2013
	Professor & HOD, Mech. Engg.	Since 1 st July 2007 to 28/08/2011
College of Engineering, Kopergaon	Asst. Prof.	From 8 th July 1999 to 30 th June 2007
	Lecturer	From 9 th February 1990 to 7 th July 1999

- **In plant Training:**

Organization	Period
Indian Specialty Fats Ltd. Bilaspur	2 Weeks
Public Works workshop, P.W.D., Bilaspur	4 Weeks

- **Courses Attended :**

Year	Title
2010	“Action and Research followed by Innovative product / services” at Panchgani
2008	“Enabling FEA into Curriculum” at COE, Pune
2006	“Finite Element Analysis using ABAQUS” at SCOE, Pune
2006	“Vibration Analysis, Testing & Diagnosis of Mechanical Systems” at SIT, Pune
2005	“State Level Workshop on Industrial Vibrations” at PREC Loni.
2003	“National Symposium on Acoustics” at ARAI Pune.
2002	“XXXII Annual Convention & National Seminar” of ISTE at NMAM Institute of Technology, Nitte.
2002	“Modern Trends in Automobiles”- National Seminar at RIT, Rajaramnagar
2002	“Training on Robot” at MTAB – DENFORD Technology Centre, Chennai
2001	“Latest CAD/CAM Technologies & 5-Axes Machining using EUKLID-CAD/CAM Software” at Hytech Hydraulic, Pune
2000	“XXX Annual Convention & National Seminar on Shaping Technical Education for the Future” at NIT, Ahmedabad.
1998	“ISTE Second State Level Convention” at JNEC, Aurangabad.
1997	“Recent trends in Design & Efficient use of Air compressors” at the Institution of Engineers (I), Pune
1997	“Industrial Problems in Machines & Mechanism” at W.C.E., Sangli.
1995	“Strategic planning & Institutional Development” at C.O.E. Kopergaon
1994	“Conference on Industry Institute Partnership” at M.I.T., Pune
1994	“Enhancing Training & Placement Skills of Training & Placement Officers”- Summer school at S.G.G.S. College of Engineering, Nanded.

- **Courses Conducted :**

Certificate Course in CAD by using IDEAS- Conducted for Diploma and Degree students.

Certificate Course in CAD by using IDEAS and ANSYS- Conducted for Engineering students

- **Papers Published :**

- **Prof. K. R. Borole, S. S. Gadadhe, S. B. Sanap**

“Experimental Investigation on Passive / Active Suspension System” at AVCOE, Sangamner. (International Conference, ICAME – 2012)

- **Prof. K. R. Borole & V. M. Nandedkar**

“Analysis of Passive System and PID Control of the Suspension System” at SGGSIET, Nanded (MCPE – 2010)

- **Prof. K. R. Borole, M. P. Nagarkar, V. M. Nandedkar**

“Analysis of a Passive Suspension System and Active Central of Vehicle Suspension System using Linear Quadratic, Regulator (LQR) at IIT International Journal of Programmable Device Circuits and Systems Vol 1, No. 5, August 2009, Coimbatore Institute of Information Technology, Coimbatore.

- **Prof. K. R. Borole, D. Jawale, S. B. Sanap and V. M. Nandedkar**

“Mathematical Design and Experimental Validation of Car Suspension System” at the Institution of Engineers (I), Pune Local Centre, Pune (Emerging Trends in Automobile Industry – 2009)

- **Prof. K. R. Borole and V. L. Bhanavase**

“Experimental and Mathematical Modeling, Analysis and Simulation of a Passive / Active Suspension System” at SRESCOE, Kopergaon (Innovation – 2008)

- **M. P. Nagarkar, Prof. K. R. Borole & V. M. Nandedkar**

“Analysis of Passive Suspension System using Matlab / SIMULINK” at SVNIT, Surat (International Conference – AME – 2008)

- **Prof. K. R. Borole, S. B. Sanap & T. A. Jadhav**

“Design and Development of an Acoustic Chamber and its Noise and Vibration Testing Validation of SRESCOE, Kopergaon (Sanjivani Vision – 2008)

- **Dhananjay Jawale, Nirnay Choudhari, Sudarshan Sanap & Prof. K. R. Borole**

“Optimal Design of Vehicle Suspension System using C Language” at SRESCOE, Kopergaon (Sanjivani Vision – 2008)

- **Prof. K. R. Borole and M. P. Nagarkar**

“Active Suspension Control using Linear Quadratic Regulator Method” at Coimbatore Institute of Technology, Coimbatore (International Conference) (ITICOMS 2007)

- **A. G. Thakur & Prof. K. R. Borole**

“A Neural Network System for Spot Weld Strength Prediction” at SRCCEM, Banmore (NCME – 2007)

- **Prof. K. R. Borole, S. V. Gawali and P. M. Patave**
 “Mathematical Model of Car Suspension System” at JTMCOE, Faizpur (IME 2007)
- **Prof. K.R.Borole , Prof. A.G.Thakur ,S.S.Ingale & Prof .M.V.Nagarhalli ---**
 “ Modification and testing of 4-Stroke SI engine with 85% Ethanol.” At KITS Warangal (TIME-2004).
- **Prof. K.R.Borole & Prof. A.G.Thakur ---**
 “ Noise reduction in centrifugal fans comparative study by use of resonators and ANC technique at R-Time 2004 SRES COE Kopargaon..
- **Prof. K.R.Borole , Prof. A.G.Thakur & Prof.V.N.Kapatkar---**
 “ Investigation of abrasive jet machining process” at R-Time 2004 ,SRES COE Kopargaon.
- **Prof. K.R.Borole , B.C.Abhale & Prof.A.G.Thakur ---**
 “ Dynamic analysis of Connecting Rod Using ANSYS” at KITS Warangal ,August 30 ,2003.
- **Prof. K.R.Borole & Prof. A.G.Thakur ---**
 “ Pneumatic suspension system for Jeep” at National Seminar on Modern Trends in Automobiles at RIT, Rajaramnagar, 1-2 Aug’2002.
- **Prof. K.R.Borole & Prof. A.G.Thakur & Prof.P.M.Patil ---**
 “ Microprocessor Based Low Cost Control System for Vehicles” at National Seminar on Modern Trends in Automobiles at RIT, Rajaramnagar, 1-2 Aug’2002
- **Prof. C.L. Prabhune, Prof. H.N.Kudal & Prof. K.R.Borole ---**
 “ Performance evaluation of solar air heater” at ANERT National conference, Thiruvananthpuram, 11-12 Feb.’1999
- **Prof. M.G.Bhat & K.R. Borole ----**
 “ Noise reduction in centrifugal Fans : Comparative study by use of resonators & by Loudspeaker source”
 Accepted for presentation at “ Inter Noise’97”, the 1997 international congress on noise control Engineering, Budapest, Hungary, August, 25-27, 1997.
- **K.R.Borole & S.S. Suryawanshi ----**
 “ Role of training & placement officer in industry Institute interaction”- Proceeding of the program on “ Enhancing training & placement skills of training & placement officers at S.G.G.S. College of Engineering, Nanded.1994.

- **Subjects Taught :**

Element of Mechanical Engineering, Refrigeration, Air conditioning, Machine Design & Drawing I & II, Machine Design & CAD, Dynamics of Machinery, CAD/CAM & Automation, Theory of Machines – I, Finite Element Method.

- **Preparation of teaching material :**

- Cyclostyled question bank for the subjects – EME, MDD-I, MDD-II, DOM
- Preparation of transparencies for the subject – Machine Design.

- **Participation in the Development of Institute / Department :**

- Development of all the laboratories of SKNCOE
- Development of Refrigeration & Air conditioning lab.
- Development of Project lab.
- Development of Machine Design laboratory.
- Preparation of proposals for grant from AICTE of the Department
- Actively involved in organizing “Second National Convention of ISTE Students Chapter” held at Koparagon on 30-31st Oct’1999.
- Actively involved in organizing Workshop on “ Strategic Planning of Institutional Development” held at Koparagon on 1995.
- Preparation of LIC/AICTE report of the Department.

- **Familiar with :**

- Portable FFT analyzer for machinery fault diagnosis.
- Equipment for Vibration & Noise analysis.
- Software packages – IDEAS, CATIA, ANSYS, CNC-2000
- EDM

- **Worked as a :**

- Academic Research Co-ordinator of college for BCUD, University of Pune, Pune
- P.G. Co-ordinator
- Refrigeration & Air conditioning lab. Incharge
- Project lab. Incharge.
- Executive member of ISTE.
- Coordinator for preparation of proposal for starting Post Graduate course in CAD/CAM.
- Coordinator for some of the activities conducted in Annual Social Gathering.

- Technical paper review committee member & Internal Judge for MESA VISION'2002 held on 23-24 March'2002 at Kopargaon.
- Technical paper review committee member for TECHNOFUSION'2003 held on
- 18-19 Jan'2003 at Kopargaon.
- SAE Faculty Adviser .
- Internal Senior Supervisor for University Examinations.
- .
- **Achievements :**
 - Stood Second in Merit list of MPSC (Lecturer, Govt. Polytechnic.)
 - Received First Prize for the Project “ Modification & Testing of SI Engine for Fuel E-85” guided by me at SAE Best Project Competition at ARAI, Pune on 18July'02.
 - Received Best Paper award for the paper. “ Modification & Testing of SI Engine for Fuel E-85” at Time 2004 ,KITS Warangal.
- **Development of Indigenous equipments for the following laboratories :**
 - Fluid Power Lab-
 - Vane pump Test Rig.
 - Work Shop –
 - Pneumatic Injection Moulding Machine
 - Refrigeration & Air Conditioning Lab-
 - Thermoelectric Heat Pump Test Rig.
 - Vortex Tube Apparatus
 - Ice Plant Tutor.
 - Capillary Simulation Test Rig.
- **List of Projects Guided :**
 - Total Projects Guided up to 2011 – 2012 are 65 out of which 22 are Sponsored Projects.*

Signature