

RESUME

Name : SURYATAL BABAN KISHANRAO

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Date of Birth : 10th May 1972

Nationality : Indian

Languages Known : English, Hindi, Marathi.

Educational Qualification : B.E. (Mechanical), M.E. (Mechanical) Design Engineering. Ph. D. (Mechanical Engg.) Registered.

Academic Details :

Examination	Board/ University	Year of passing	% Marks	Class
Ph.D.Mechanical Engg	Sinhgad College of Engineering, Vadgaon(Bk.), Pune / Pune University	Registered in Aug.2012	----	-----
M.E.(Mech.) Design Engg.	VIT Pune/Pune University	2010	60.57	First
GATE-2000	I.I.T. Kharagpur.	2000	51.96	-----
B.E.(Mech.)	Govt Engg College Aurangabad/Dr.BAMU Aurangabad	1995	65.73	First
H.S.C.	Aurangabad Board	1990	71.67	First
S.S.C	Aurangabad Board	1988	86.14	Distinction

Experience:

Industrial Experience: (3.75 Years)

1. As a Trainee Engineer at Sai Industries, Bhosari, Pune (1.5 Years.)
2. As a Production Engineer at Deeshanil Mfrs Pvt. Ltd, Bhosari, Pune (2.25 Years)

Teaching Experience: 15 Yrs

1. As a Lecturer in Mechanical Engg at P.D.E.A.'s College of Engineering, Manjari(Bk.) Pune-412307- 7 Years 5 Months.

2. As a Senior Lecturer in Mechanical Engineering at P.D.E.A.'s College of Engineering, Manjari (Bk.) Pune-412307- 5 Years.
3. Presently working as Assistant Professor in Mechanical Engineering at P.D.E.A.'s College of Engineering, Manjari(Bk.) Pune-412307.

Dissertation at M.E. Level :

Fatigue Life Estimation of an Elastomeric Pad- sponsored by Indian Rubber Manufacturers Research Association- Thane (W).

Ph.D. (Mechanical Engineering) Research Topic:

Design and development of LCD based stereolithography for Micro – fabrication.

Prizes /Awards:

- Got second prize (Rs. 20,000/-) for Best Research Paper at 22nd Rubber Conference at Indian Habitat Centre, New Delhi organized by Indian Rubber Manufacturer's Research Association, Thane (W) on 21st – 22nd Nov. 2014.

Title of the paper – Deflection Analysis of an Elastomeric Pad.

Computer Proficiency : MS Office, FORTRAN, Auto CAD, CATIA, CREO, ANSYS.

Subjects Taught :

- | | |
|-------------------------|---------------------------------|
| 1. Machine Design-I | 2. Basic Mechanical Engineering |
| 3. Machine Design-II | 4. Mechanical System Design |
| 5. Tribology | 6. Engg Graphics |
| 7. Theory of Machines-I | 8. CAD/CAM & Automation |

Responsibilities :

1. Worked as I/C Workshop Superintendent at PDEA's COE, Manjari(Bk), Pune for two year.
2. Working as I/C Higher Class Admission Committee at PDEA's COE, Manjari(Bk), Pune from last one year.
3. Working as Anti-ragging committee member, Quality Management Representative of Mechanical Department from last three years.
4. Worked as a Organizing Committee Member for National Level Paper presentation “Trends in Mech. Engg (TIMES-2007)” organized by Mechanical Engg. Dept. during 5th and 6th Sept. 2007.
5. Worked as a Organizing Committee Member for National Level Paper presentation “Trends in Mech. Engg (TIMES-2010)” organized by Mechanical Engg. Dept. during 5th and 7th March. 2010. Sponsored by Pune University.

6. Worked as Coordinator for Short Term Training Program on Maintenance in Mechanical Laboratories from 22nd to 26th March 2011 Organized by Mechanical Engineering Department. (for supporting staff of Mechanical Engg Dept).
7. Working as Thermal Laboratory I/C of Mechanical Engineering Department.

Equipments developed in Laboratory as a Student Project :

Theory of Machines Laboratory -

1. Test Rig of Belt Transmission Dynamometer.
2. Test Rig of Epicyclic Gear Train.
3. Test Rig of Belt Drive.

Seminars and Workshop Attended:

1. One day workshop on “Revised syllabus (2003) of Design Engineering at SE,TE & BE (Mechanical Engineering)” on 31st January 2004, organized by Pravara Rural Engg College, Loni Dist. Ahmednagar.
2. One day workshop on “Implementation of Syllabus for Tribology” of Third Year Mechanical Engg, on 25th January 2006,organized by Sinhgad College of Engineering, Vadgaon(Bk), Pune.
3. Two days workshop on “Tribology” on 10th to 11th February 2006 organized by Department of Production Engineering, Sinhgad College of Engineering, Vadgaon(Bk), Pune.
4. One day workshop on “Implementation of Revised Syllabus (2008Course) of the subjects Engineering Graphics I&II” on 2nd May 2008 organized by Pune Institute of Computer Technology, Dhankawadi, Pune-411043.
5. One day workshop on “Advances in CAD/CAE using Solidworks” on 29th August,2008 organized by IFS Academy & Modern Education Society’s College of Engineering, Pune-411001.
6. One day workshop on “Detailing and Implementation of Syllabus for subject Theory of Machines & Mechanisms-I at S.E.(Mechanical)” on 7th February 2009, organized by Army Institute of Technology, Dighi, Pune.
7. Two days workshop on “CADEM” organized by PVG’s College of Engineering and Technology , Pune on 17th – 18th Sept.2012.
8. One Day Workshop on “Master-Cam” Organized by MIT’s College of Engineering, Kothrud, Pune, on 20th Aug.2012.

Conferences / Publications:

- 1.“Design and selection of Belt for Bulk Material Handling in Coal Industries”, at National Level paper presentation (TIME-2007) Trends in Mechanical Engg. 5th and 6th Sept. 2007, PDEA’s College of Engg. Manjari(Bk), Pune-28.

2. “Modal Analysis of Skid Mounted Air Conditioning Plant”, at National Level Paper presentation (TIME-2007) Trends in Mechanical Engg. 5th and 6th Sept. 2007, PDEA’s College of Engg. Manjari(Bk.), Pune-28.
3. “Fatigue Life Analysis Approaches for Rubber”, at National Level Paper presentation (TIME-2010) Trends in Mechanical Engg. on March 5-7, 2010 at PDEA’s College of Engg. Manjari (Bk.), Pune-28.
4. “Fatigue Life Estimation of an Elastomeric Pad by ϵ -N curve and FEA” at Indian Rubber Manufacturer’s Research Association’s 21st Rubber Conference, Imperial Palace, Goregaon (E), Mumbai.
5. “Deflection analysis of an Elastomeric Pad”, at 22nd Rubber Conference at Indian Habitat Centre, New Delhi organized by Indian Rubber Manufacturer’s Research Association, Thane (W) on 21st – 22nd Nov. 2015.
6. *Fatigue Life Estimation of an Elastomeric Pad by ϵ -N Curve and FEA*,
Journal of Surface Engineered Materials and Advanced Technology Vol.5 No.2, April 2015,
ISSN(Print) No. 2161-4881, ISSN(Online) No. 2161-489X.

Short Term Training Programs Attended:

1. One week STTP on “Modeling and Simulation of Engineering Systems in Multi Energy Domains: A Bond Graph Approach,” from 9th to 15th January 2006, organized by Department of Mechanical Engineering, Government College of Engg., Aurangabad.
2. One week STTP on “Non-Destructive Testing” from 5th to 9th October 2009, Organized by Department of Applied Physics, Sardar Vallabhbhai National Institute of Technology, Surat.
3. One week STTP on “Turbo Machinery,” from 23rd to 27th November 2010, organized by Department of Mechanical Engineering, Sinhgad Institute of Technology, Lonavala.
4. One week STTP on “MATLAB and It’s Engineering Applications,” from 24th to 28th January 2011 organized by Department of Instrumentation and Control Engineering, PDEA’s College of Engineering, Hadapsar, Pune-411028.
5. Two week STTP on “Research Methodologies” Organized by Information Technology Department, PDEA’s COE, Manjari (Bk.), Pune; in association with Indian Institute of Bombay on 24th to 5th June 2013.

Declaration:

I hereby declared that the above information is true to the best of my knowledge.

Date-

Signature
(Suryatal Baban K.)