



Prof. (Dr.) Ramchandra Srinivas Jahagirdar

Faculty Id	:	-
Date of Birth	:	16 th August 1958
Designation	:	Professor (Principal).
Years of Experience	:	Teaching : 34 years
		Industry : 6 years
		Principal : 14 Years
Email Id	:	rsjahagirdar@gmail.com j_ramchandra@yahoo.com
Phone Number	:	+91 98924 53808
Faculty Web Page	:	-
Employment Status	:	Full Time - Ratified by JNTUH
UG Degree	:	B. Sc. Engineering (Mechanical Engineering) From Regional Engineering College, Jamshedpur (2 Ranker) in 1983.
PG Degree	:	M.E. Mechanical (Design Engineering) from Pune University in 1996.
Ph.D	:	SRTM University, Nanded Under the guidance of Dr. S P Kallurkar in 2005
Ph.D Thesis topic	:	Ph.D in the field of Mechanical/Production/industrial engineering.
UG Subjects Taught	:	20
PG subjects Taught	:	10
Projects handled (Consultancy)	:	6

Papers Published:

International Journals:

- ☞ **Radiation Absorption and chemical reaction effect on MHD flow through porous medium past an exponentially accelerated inclined plate.** IJRASET , ISSN 2321-9653 VOL 6 ISSUE VI June 2018, www.ijraset.com
- ☞ **Enhancing performance of solar line concentrator by using variable concentration ratio,** ICME-15-1019
- ☞ **Performance analysis and investigation of emission of C I engine using biodiesel and its blend. November 2015, issue 11,international journal of recent technologies in mechanical and electrical engineering,** ISSN 2349-7947,PP 021-024 , CITATION 3 (Till jan16 3) impact factor 2.084
- ☞ **Gasoline-Hydrogen operated SI engine and its performance analysis International journal of research in engineering and technology** volume 4 issue 2 February 2015 e ISSN 2319-1163, Pissn 2321-7308
- ☞ **Modelling the effect of variable work piece hardness on surface roughness in an end milling using multiple regression and adaptive Neuro fuzzy inference system.** International journal of industrial engineering computation , November 2013
- ☞ **Effect of Compression Ratio on Performance and Emission of single cylinder DI Diesel Engine** Science and Education publication june 2013
- ☞ **Effect of blends of two kind of biodiesel on performance and emission of single cylinder DI diesel engine.** IEEE, 978-1-4799-3338-9/14/\$31.00/2014
- ☞ **Experimental investigation of heat loss from hemispherical solar concentrator receiver.** Frontier in Heat and Mass Transfer issn 2151-8629.
- ☞ **Implementation of value engineering concept using artificial neural network with the aid of hybrid model (ABC and PSO).** International journal of numerical and analytical methods in engineering 2013, Issn 2281-7026
- ☞ **Performance analysis based optimization with the Abet of ANN and genetic algorithm.** International journal of computer application. Vol. 67, no 9 Issn 0975-8887
- ☞ **Modeling of Cold Work Tool Steel-Böhler K110 for Prediction of Surface Roughness in an End Milling Using Adaptive Neuro-Fuzzy Inference System** international journal of emerging technologies and applications in engineering, technology and sciences **ISSN: 0974-3588 | JAN '12 – JUNE '12 | Volume 5 : Issue 1 Page 194-198**
- ☞ **Effects of end milling machining variables on surface roughness of dc 53 die steel: an adaptive neuro – fuzzy inference system model** international journal of emerging technologies and applications in engineering, technology and sciences ISSN: 0974-3588 | JAN '12 – JUNE '12 | Volume 5 : Issue 1
- ☞ **Integration of Process Planning and Scheduling Based On Hybrid Algorithms** published *International simulation conference india at I I T Pawai Mumbai.* 6-7 february 2012
- ☞ **Modelling OF Machining Process Using Adaptive Neuro-Fuzzy Inference System(ANFIS) ToPredict Process Output Variables: A REVIEW:** *International*

Journal of Mechanical and Materials Engineering (IJMME), Vol.6 (2011), No.2, 178-182

- ☞ **Study of the Parameters Affecting Erosion Wear of Ductile Material in Solid-Liquid Mixture** International Association Engineering Conferences – **World Congress Engineering 2011 London , 6-8 July 2011, ISBN978-988-19251-5-2, ISSN 2078-0958 (PRINT), 2078-0966 (ONLINE)**
- ☞ **Performance of Single Cylinder DI Diesel Engine – Varied Compression Ratio Fueled With Blends of Ethanol** , International Association Engineering Conferences – **World Congress Engineering 2011 London , 6-8 July 2011, ISBN978-988-19251-5-2, ISSN 2078-0958 (PRINT), 2078-0966 (ONLINE)**
- ☞ **Performance Characterization of Single Cylinder DI Diesel Engine Fueled with Karanja Biodiesel** , International Association Engineering Conferences – **World Congress Engineering 2011 London , 6-8 July 2011, ISBN978-988-19251-5-2, ISSN 2078-0958 (PRINT), 2078-0966 (ONLINE)**
- ☞ **Performance of Single Cylinder DI Diesel Engine – Varied Compression Ratio Fueled With Blends of Ethanol** ISST JOURNAL OF ENGINEERING VOL 1, July-December 2010 ISSN 0976- 7371 page 39-44
- ☞ **Application of six sigma in engineering education by improving industry institutes interaction** international journal of computer application and business intelligence ISSN 0975-945X FEBRUARY 2011 page19-23
- ☞ **A proposed study on multi-objective modeling and optimization of process parameters of AWJ MACHINING** international journal of computer application and business intelligence ISSN 0975-945X FEBRUARY 2011 page37-41
- ☞ **Modeling Of Machining Process Using Adaptive Neuro-Fuzzy Inference System (Anfis) To Predict Process Output Variables: A Review**, International Journal of mechanical and Materials Engineering Malesia
- ☞ **Performance of Single Cylinder DI Diesel Engine – Varied Compression Ratio Fueled With Blends of Ethanol** INTERNATIONAL JOURNAL OF ENGINEERING STUDIES (IJES) July-Dec 2010 ISSN 0975- 6469 page 21-31
- ☞ **Experimental investigation of H-38 (R290+R600a) as an alternative to R134a for small capacity Refrigerator** International Journal of Mechanical Engineering ISSN 0974-5823 JULY-DECEMBER 2010, VOL 3 ISSUE 2 PAGE 159-162
- ☞ **Plant layout in manufacturing industry with application of mathematical model and algorithm for locating cells using pair wise exchange Refrigerator** International Journal of Mechanical Engineering ISSN 0974-5823 JULY-DECEMBER 2010, VOL 3 ISSUE 2 PAGE 309-311
- ☞ **Analytical study of vibration damping of Fe. Alloys**, international journal of advanced engineering and application ISSN 0975-7783P, 0975-7791 ONLINE, PAGE 51-54 JANUARY 2011
- ☞ **Performance Characterization of Single Cylinder DI Diesel Engine Fueled with Karanja Biodiesel**, International Journal for Computer Application And Business Intelligence, ISSN No. 0975-945X Vol 3 Issue 3 , January 2011
- ☞ **Study of the Parameters Affecting Erosion Wear of Ductile Material in Solid-Liquid Mixture** Paper Submitted at Tribology International ISSN: 0301-679X Imprint: ELSEVIER

- ☞ **A Proposed Study on Stepped tube receiver parabolic trough solar collector**
International Journal for Computer Application And Business Intelligence, ISSN No. 0975-945X Vol 3 Issue 3 , January 2011
- ☞ **Need for Integration of Quality function Deployment with Bench Marking,**
International Journal for Computer Application And Business Intelligence, ISSN No. 0975-945X Vol 3 Issue 3 , January 2011
- ☞ **Simulation Methodology for Facility Layout Problems,** International Journal Of Research in Engineering and Technology, July 2010, Vol. 1 Issue 1 ISSN No. 2229-5135, Page 1-8
- ☞ **Plant layout in manufacturing industry with application of mathematical model and algorithm for locating cells using pair wise exchange.** , International Journal of computing and Application ISSN No. 0975-5704, Vol. 5 No.2 December 2010
- ☞ **Competitive six sigma road maps- DMAIC and DFSS for manufacturing stabilization in new product development.** International Journal of Mechanical Engineering and Material Sciences , ISSN No.0974-584X December 2010, Vol.3 Number 2, PP 127-131
- ☞ **A comparative study of selection of design Techniques in industry** IJST VOL2 Feb.2009 ISSN 0974-6846
- ☞ **Experimental analysis of fingerprint technologies: variance and ROC** IJST VOL2 Feb.2009 ISSN 0974-6846
- ☞ **Smart deflectometer for flexible pavement** IJST VOL2 April 2009 ISSN 0974-6846
- ☞ **Integration of Process Planning and Scheduling Based On Hybrid Algorithms** published International simulation conference india at I I T Pawai Mumbai. 6-7 february 2012.

National Journals:

- ☞ Published a paper in a national conference on Computer, Communication and Electronica held on 8,9 January 2008 on the topic " Typical Layout of software for the Automation System" at Jalgaon.
- ☞ Published a paper in a national conference on Engineering technological management held to be on 21,22 march 2008 on the topic "Noise and Vibration damping of ferrous alloy at Vallabhnagar.
- ☞ Published a paper in a national conference on sun rising Technology held in 2005 At Mumbai on the topic "Industrial growth through design: A Developing Concept".
- ☞ Published a paper in national conference on Recent trends growth parameter for industrial development at SPNIT Surat 2007.
- ☞ Published a paper in a international conference on Reduction of Composite error of gear by using SPC techniques held at Mumbai 2007.
- ☞ Published a paper in a international conference on Impact of globalization held 2002 at

Aurangabad on the topic Security system as Design.

- ☞ Published a paper in a international conference on Impact of globalization held 2002 at Aurangabad on the topic Impact of globalization through BPO on the Industry.

Papers reviewed as Reviewer:

Core Responsibility and Achievements :

- ☞ Prominent Research work in software, Biodiesel, lubrication and Design 03 students successfully defended Doctoral program (Ph. D).
- ☞ More than 12 years as principal/Director.
- ☞ Approved research guide in faculty of engineering in North Maharashtra university , Jalgaon (01 student) , JITU Jhunjhnu (3 students) ,Dr. BAMU Aurangabad(01 student), Pune university(03 students)
- ☞ Worked Chief Editor (2010-11) of international journal of Research in Engineering Science and Technology, ISSN NO. 2229-5135, www.injorest.org
- ☞ Working as lead editor for science direct and many others international journal, also on the panel of peer review
- ☞ Member of state level committee for establishment of central Technological university
- ☞ Arranged three day international conference on recent technology 9-11 February 2012 at Institute of Knowledge Pune
- ☞ Member of Advisory Committee of Indo American Summit on Higher Education 2010, 2011
- ☞ Attended three International Conference And four National Conferences in the Capacity of Technical Session Chairman in last five year
- ☞ Coordinator for Centre for assessment of answer paper of North Maharashtra university, Jalgaon from last three examination.
- ☞ Worked as Chairman and member of Local Inquiry Committee for Undergraduate and Post Graduate Colleges for affiliation of North Maharashtra University for two Year
- ☞ Arranged three **days international Conference** on Sun rise Technology multitrack (Computer Engg, Electronics Engg., Mechanical Engg, Civil Engg.)13-15 January 2011 in the capacity as Petron of conference.

- ☞ Arranged national **two days National multi track conference** in the year 2017,2016, 2015, 2013 in capacity of **Chairman**
- ☞ Arranged **two days National conference** on computer and Electronics on 8 and 9 February 2008 at Jalgaon in capacity of **Chairman**
- ☞ Managing college in the capacity of Principal since twelve year with student strength of more than 1800
- ☞ **Two Colleges** were accredited and awarded with **ISO 9001:2001** Certification during my tenure.
- ☞ Arranged successfully **three days international Conference** on Advances in Manufacturing Technology and Management 18-20 January 2007 in the capacity as **Chairman** of conference.
- ☞ Arranged successfully **two days National Conference** on Sun Rising Technologies on 18th and 19th November 2005 in the capacity as **Chairman** of conference.
- ☞ Handling expansion and venturing for institution in upcoming engineering manufacturing, biotechnology etc.
- ☞ Worked extensively at the university level as director of center examination answer paper assessment.
- ☞ Worked extensively for the establishment of three new institutions.
- ☞ Won the honour as BEST Principal from IEI (Mah chapter) and Most innovative principal at national level.

Training Undergone : Prominent training Program:

- ☞ One week training at Airbase Bangalore on Aerodynamics.
- ☞ Six week training in the thermal power station on the study of Vibration Problem in the steam turbine.
- ☞ Two week induction training at TTTI Bhopal.
- ☞ As Trainees trainers for ISO Certification.
- ☞ Two days training in the field of Platform based design and Decision Based Design At National design academy Ahmedabad.

Books Published:

None

Research Projects Undertaken:

15