

(10_Jul_2020)

RESUME



1. Name – DEORE EKNATH RAGHUNATH

Designation – Professor

Department – Mechanical

2. Date of Birth – 8th November 1963

3. Father's Name – Raghunath Himmatrao Deore

4. Address – 54, Satsang Colony, Datta Mandir Road, Deopur, Dhule, Pin 424002 M.S.

5. email id and Phones – erdmech@yahoo.com , Cell – +919422428326

6. Educational Qualification

Sr. No	Exam Passed	Title of Degree	Board / Univ	Year	Subject	% Marks
01	Bachelor	B.E.	Shivaji University Kolhapur (M.S.)	1986	Mechanical	66.67%
02	Master	M. E.	North Maharashtra University, Jalgaon	2010	M/C Design	74.7%
03	Doctor	Ph. D.	S. J. J. T. University, Rajasthan	2015	Mechanical Engineering	--

7. Details of Job

Sr. No	Name of Employer	Designation	From	To	Scale
01	S. S. V. P. S. B. S. D. College of Engineering, Dhule	Lecturer (Mechanical)	1 st Jan 1987	31 st Dec 1994	2200-4000
02	S. S. V. P. S. B. S. D. College of Engineering, Dhule	Sr. Gr. Lecturer (Mechanical)	01 st Jan 1995	17 th Oct 2005	3000-5000
03	S. S. V. P. S. B. S. D. College of Engineering, Dhule	Sl. Gr. Lecturer (Mechanical)	18 th Oct 2005	21 st Jul 2011	12000-18300
04	S. S. V. P. S. B. S. D. College of Engineering, Dhule	Associate Professor	22 nd Jul 2011	31/08/2017	37400-67000 (AGP 9000)
05	S. S. V. P. S. B. S. D. College of	Professor	01/09/2017	Till Date	37400-67000 (AGP 10000)

	Engineering, Dhule			
--	--------------------	--	--	--

Details of Approval of Services in teaching

Sr. No	Designation	From	To	University Letter No & Name of University
01	Professor	27 June 2016	Till Date	NMU/18/1283/2016 Dated 21 Dec. 2016*
02	P.G. Teacher	15 th May 2012	Till date	NMU/11/PGR/ Mech Engg/1073/2012 Dated 15 th May 2012
03	Lecturer	1 st Jan 1987	26 June 2016	NMU/96/5/approval/759 Dated 22 nd Jan 1996

*(Note: Approval letter attached)

8. Position Held in College and University

Sr. No	Position Held	Duration	Responsibilities
01	Head of the Department	12 th Nov 2008 to 12 th June 2017	Monitoring and Control of overall Academic and Administration
02	Rector – Boys Hostel	1 st Jun 2009 to 1 July 2013	Monitoring and Control of overall hostel administration
03	Coordinator College Mess and Canteen	1 st Jun 2009 to till date	Monitoring and Control of overall mess and canteen administration
04	Coordinator Admission Committee	1 st Jun 2009 to 16/06/2011	Admission processes
05	Central NBA Committee Coordinator	1 st July 2008 to 12 th June 2017	NBA Requirement Compliance and Implementation
06	T&P Coordinator	27 th Jun 2006 to 1 st Jun 2010	T&P Activities and Coordinator
07	Anti-raging and Student Grievance Committee Member	6 th Aug 2007 to till date	To control ragging activities among the college campus and hostel
08	B. O. S. and Faculty Member	12 th Aug 2005 to 1 st Jun 2011	To Control academics among the university affiliated colleges
09	Staff Selection and LIC	In the year 1998, 2002, 2004, 2006, 2008, 2010, 2011, 2014, 2015,2016,2017	Interview and staff selection, Audit of engineering colleges as per the requirements of North Maharashtra University, Jalgaon
10	Principal Coordinator MODROB	A.Y. 2012-2013	Implementation of MODROB project. Project Reference No – 8024/RIFD/MOD-283(Pvt.)/Policy-III/2011-12

			Received Rs.5 Lac from AICTE
11	PG Coordinator	A.Y. 2014 till today	Admission, coordinator
12	I/C Principal	On the leave of regular Principal	As a Principal
13	Judge	Inspire 2018 state level project ompetition.	As a selection committee member.
14	Judge	Aviskar 2018 University level project competition.	As a selection committee member, KBC NMU Jalgaon.
15	ISO	ISO Observer	Shri. Gurugovindsing college of Engineering, Nasik.

8.1 Contribution in College / Department/Faculty/ Student Development:

Following Labs are developed by Designing and fabricating the lab equipments.

- **Theory of Machine Lab:** Equipment developed – 1)Compound Pendulum 2) Tri-fillar Suspension 3) Cam-Follower Apparatus 4) Centrifugal Governor Apparatus 5) Gyroscope 6)Critical Speed of Shaft 7) Two Rotor System 8) Cam Profile Recorder 9) Double Hook's Coupling 10) Differential Gear Box 11) Epicyclic Gear train 12) Clutch Friction Test rig 13) Belt Slip Test Rig
- **Vibration Lab:** Vibration Test Rig
- **Thermodynamics Lab:** Reciprocating Air Compressor Test Rig
- **IC Engine Lab:** Diesel Engine Test Rig
- **HT Lab:** Heat Exchanger Test Rig (Spiral Flow)
- **Research Lab:** Jet Erosion Test Rig for ME Project
- **Project developed for work shop utility:** 1) Wood Thickness Planer 2) Sheet Rolling Machine and 3) Pipe Bending Machine
- **Industry Expert Lecture/ Guest Lecture:** Minimum 05 Every Year
- **Improved Result of Final Year Student** - Received 02 Gold Medals for department.
- **Active Participation in Alumini** meet in Pune 17 March 2007, Baroda, Nasik and latest at Pune on 14 – 15 August 2015 (52 Alumni of 1988 batch attended) Motivation of student for GATE / Competitive Exam. Every year Aprox. 5-6 Student Qualified.
- **Motivation of faculty:**
04 PhD, 06 Registered PhD.
Patent Publication by departmental Faculty
Grant Received:Rs. 1.5 lacs and 4.5 Lac under Rajiv Gandhi science & Technology Commission Government Maharashtra, Through NMU Jalgaon.

Details of Short Term Training Program/ Refresher Course Attended

Sr. No	Name of Institute	From	To	Title
01	J. T. Mahajan College of Engineering, Faizpur, Dist Jalgaon (M.S.)	21 st Dec 2000	25 th Dec 2000	ISTE – STTP on Environmental Management A Future

				perspective (EMEP – 2000)
02	J. T. Mahajan College of Engineering, Faizpur, Dist Jalgaon (M.S.)	26 th Dec 2000	4 th Jan 2001	ISTE – STTP on Induction Training to Technical Teachers
03	Kalyani Breaks Ltd. Bambhori, Jalgaon, (M.S.)	1 st Jun 2001	15 th Jun 2001	Industrial Training
04	S. S. V. P. S. B. S. D. College of Engineering, Dhule	22 nd Oct 2001	9 th Nov 2001	ISTE – STTP on Recent Trends in Computer Visual Aids for Effective Teaching
05	S. S. V. P. S. B. S. D. College of Engineering, Dhule	1 st April 2002	12 th April 2002	ISTE – STTP on Incubating Entrepreneur’s Spirit
06	Kirloskar Oil Engine Ltd. M.I.D.C. Ambad, Nashik (M.S.)	26 th May 2003	31 st May 2003	Industrial Training
07	Mahesh Industrues, M.I.D.C. Satpur, Nashik (M.S.)	2 nd Jun 2003	7 th Jun 2003	Industrial Training
08	S. S. V. P. S. B. S. D. College of Engineering, Dhule	16 th Jun 2003	28 th Jun 2003	ISTE – STTP on Auto CAD 2000 and its application
09	S. S. V. P. S. B. S. D. College of Engineering, Dhule	13 th September 2003	13 th September 2003	Cost Effective Housing and Energy Management
10	Nirma Institute of Technology, Ahmedabad Gujrat	30 th Jun 2003	11 th July 2003	AICTE-ISTE- STTP Advances in Refrigeration and Air- conditioning
11	S. S. V. P. S. B. S. D. College of Engineering, Dhule	25 th Jun 2009	27 th June 2009	STTP –Faculty Development & Motivation
12	S. S. V. P. S. B. S. D. College of Engineering, Dhule	22 nd Dec 2010	26 th Dec 2010	“Research Methodology”
13	S. S. V. P. S. B. S. D. College of Engineering,	11 th Mar 2013	11 th Mar 2013	Energy Audit Workshop

	Dhule			
14	Dr Babasheb Ambedkar Technological University, Lonere	24 th July 2017	24 th July 2017	Faculty Induction Training

9. Details of Conferences/Training Program Organized as coordinator/Secretary

Sr. No	Title/Place/Sponsorer	Duration
CONFERNCES		
01	iCOST 2011 International Conference on Sunrise Technologies Organizing Committee Member	13 th Jan to 15 th Jan 2011
02	Installation Commissioning, Testing and Operation & Maintenance of Scheffler Solar Cookers and Steam Cooking Systems	21 st Jan to 27 th Jan 2012
03	IMPULSE-2013, 2014 ,2015,2016 ,2017 Technical Event	in the month of Sept. every year

9.1 Details of Conferences/Training Program attended

Sr. No	Title/Place/Sponsorer	Duration
CONFERNCES		
01	International Conference on Sunrise Technologies (I-COST 2011)	13 th Jan to 15 th Jan 2011
02	International Conference on Recent Technologies (I-CORT 2012)	09 th Feb to 11 th Feb 2012
03	National Conference on Recent Advances in Chemical Engineering (RACE-2012)	04 th Feb 2012
04	International Conference on Recent Trends in Engineering and Technology	24 th Mar to 25 th Mar 2012

10. Details of Paper Presented & Lectures Delivered

- “Paper in National Conferences”

Sr. No	Title of Paper	Title of Conference	Organizer of Conference and Place	Duration of Conference
01	Artificial Intelligence Techniques in Computer Integrated Manufacturing: A review	Recent Advances in Manufacturing RAM 2010	S. V. N. I. T. Surat	19 th & 20 th July 2010
02	Method for Modeling Bolts in Bolted Joint an Overview	RTME – 2010	M. E. T. Bhujbal Knowledge City, Nashik (M.S.)	4 th to 6 th March 2010
03	An Incremental Feature Recognition Approach to Convert Design Feature Model to Machining	RTME – 2010	M. E. T. Bhujbal Knowledge City, Nashik (M.S.)	4 th to 6 th March 2010
04	I. T. Educational Management for Globalization of Teaching Learning Process: Necessity of Management System in an Educational Organization	NCRT – 2010	S. S. V. P. S. B. S Deore College of Engineering, Dhule	19 th to 20 th Feb 2010
05	An Incremental Feature Recognition Approach In Machining Feature Extraction	IME 2010	J. T. Mahajan College of Engineering Faizpur	28 th to 29 th Jan 2010
06	HCCI – The Future Engine	IME 2010	J. T. Mahajan College of Engineering Faizpur	28 th to 29 th Jan 2010
07	Performance Test of IC Engine Using Blends of Ethanol and Kerosene with Diesel	IME 2010	J. T. Mahajan College of Engineering Faizpur	28 th to 29 th Jan 2010
08	Total Productive Maintenance – An Approach to zero maintenance cost	IME 2010	J. T. Mahajan College of Engineering Faizpur	28 th to 29 th Jan 2010
09	HACCP – Food Safety Program for Small Scale Indian Industries	IME 2010	J. T. Mahajan College of Engineering Faizpur	28 th to 29 th Jan 2010

- “Paper In Inter-National Conferences”

Sr. No	Title of Paper	Title of Conference	Organizer of Conference and Place	Duration of Conference
01	Role of Application Service Providers in infrastructure development for web enabled course administration tool	3 rd ICEB 2003	Singapore	9 th Dec to 13 th Dec 2003
02	Business model for developing the courseware for e learning and self paced learning programming languages	3 rd ICEB 2003	Singapore	9 th Dec to 13 th Dec 2003
03	Artificial Intelligence Based Approach in Computer Aided Design and Manufacturing	ICSES 2010	S. E. S. College of Engineering Navalnagar, Dhule, India	1 st to 2 nd April 2010
04	Study of Condition and Faults of Spur Gearbox Using Wear Debris Analysis Techniques	ICSES 2010	S. E. S. College of Engineering Navalnagar, Dhule, India	1 st to 2 nd April 2010
05	Genetic Algorithm Based Approach in Placement of Wind Turbine within Wind Farm	ICSES 2010	S. E. S. College of Engineering Navalnagar, Dhule, India	1 st to 2 nd April 2010
06	Finite Element Analysis and Modeling of Structure with Bolted Joints – An Overview	ICSES 2010	S. E. S. College of Engineering Navalnagar, Dhule, India	1 st to 2 nd April 2010
07	Studies on Compression Absorption Refrigeration System	ICSES 2010	S. E. S. College of Engineering Navalnagar, Dhule, India	1 st to 2 nd April 2010
08	Non-interacting Machining Feature Recognition Systems	ICSES 2010	S. E. S. College of Engineering Navalnagar, Dhule, India	1 st to 2 nd April 2010
09	Role of Computer Aided Engineering (CAE) for Product Development Process	ICSES 2010	S. E. S. College of Engineering Navalnagar, Dhule, India	1 st to 2 nd April 2010
10	Performance Characterization of Single Cylinder DI Diesel Engine Fueled with Karanja Biodiesel	International Conference on Sunrise Technologies (iCOST 2011)	S. S. V. P. S's B. S. Deore College of Engineering, Deopur, Dhule (MS)	13 th to 15 th April 2011

Sr. No	Title of Paper	Title of Conference	Organizer of Conference and Place	Duration of Conference
11	Step Over Ratio as Input Parameter in Prediction of Workpiece Surface Roughness with an ANFIS	International Conference on Sunrise Technologies (iCOST 2011)	S. S. V. P. S's B. S. Deore College of Engineering, Deopur, Dhule (MS)	13 th to 15 th April 2011
12	Enhancing Operator Skill Through Dexterity and 3 step Learning	International Conference on Sunrise Technologies (iCOST 2011)	S. S. V. P. S's B. S. Deore College of Engineering, Deopur, Dhule (MS)	13 th to 15 th April 2011
13	Performance of Single Cylinder DI Diesel Engine - Varied Compression Ratio Fueled With Blends of Ethanol	World Engineering Congress (WCE2011) ISBN 978-988-19251-5-2	International Association of Engineering, London, UK	6 th July 2011 to 8 th July 2011
14	Study of the Parameters Affecting Erosion Wear of Ductile Material in Solid-Liquid Mixture	World Engineering Congress (WCE2011) ISBN 978-988-19251-5-2	International Association of Engineering, London, UK	6 th July 2011 to 8 th July 2011
15	Performance Characterization of Single Cylinder DI Diesel Engine Fueled with Karanja Biodiesel	World Engineering Congress (WCE2011) ISBN 978-988-19251-5-2	International Association of Engineering, London, UK	6 th July 2011 to 8 th July 2011
16	Modeling Cold Work Tool Steel – Bohler K110 for prediction of Surface Roughness in an End Milling using Adaptive Neuro Fuzzy Inference System	ICORT 2012 International Conference on Recent Technology	Smanway Pratishtans Institute of Knowledge, Pune	Proceedings of the International Conference on Recent Technology, Paper M41, pp mech-1-6, 9 – 11 th Feb 2012
17	Effect of End Milling Machining	ICRTET – 2012	S. N. J. B. Late Sau. K.	Proceedings of the International Conference on

	Variables on Surface Roughness of DC53, Die Steel: An Adaptive Neuro Fuzzy Inference System	International Conference on Recent Trends in Engineering and Technology	B. Jain College of Engineering Chandwad, Nashik	Recent Trends in Engineering and Technology, Paper Mech01, 24 – 26 th March 2012
18	Effect of Blends of Two Kind of Biodiesel on Performance and Emission of Single Cylinder DI Diesel Engine	IEEE ICONCE – 2014 International Conference on Non Conventional Energy	J. I. S. College of Engineering, Kalyani, Calcutta (WB)	Proceedings of the International Conference on Non Conventional Energy, ISBN-978-1-4799-3339-6/14/\$31.00©2014 IEEE, 16-17 Jan 2014, DOI: 10.1109/ICONCE.2014.6808700

- **Paper in Journal**

Sr. No	Title of Paper	Title of Journal	Publisher, Volume and Page No
01	Effective QMS for an Educational Institute	Quality World	Vol –V, Issue – 04, April 2008, Page – 24 to 39
02	HACCP – Food Safety Program for Small Scale Indian Industries	Quality World	Vol – VI, Issue – 12, December 2009, Page – 03 to 10
03	Performance of Single Cylinder DI Diesel Engine - Varied Compression Ratio Fueled With Blends of ethanol	International Journal of Engineering Studies (IJES)	April 2011, Vol – 3, Issue 01, ISSN 0975- 6469
04	Performance of Single Cylinder DI Diesel Engine Fueled With Blends of ethanol	ISST Journal of Mechanical Engineering	December 2010, ISSN 0976-7371 Vol 01 Issue 02
05	Experimental Investigation of H38 as an alternative to Refrigerant R134a for small capacity refrigerator	International Journal of Mechanical Engineering (IJME)	December 2010 ISSN 0974-5823 Vol 03 Issue 2
06	Performance Test of I. C. Engine Using Blends of Ethanol and Kerosene with Diesel	International Journal of Engineering Science and Technology (IJEST)	August 2010 - IJEST(ISSN: 0975-5462) Vol 02 Issue 08
07	Step over ratio as input parameter in prediction of work-piece surface roughness with an ANFIS	International Journal of Computer Applications and Business Intelligence (IJCABI)	February 2011, ISSN 0975 – 945X
08	Performance of Single Cylinder DI Diesel Engine - Varied Compression Ratio	International Journal of Lecture notes in Engineering and	ISSN 2078-0958 Vol III WCE 2011, July 6 - 8, 2011,

	Fueled With Blends of Ethanol	Computer Science	London, U.K. p.p. 2025 – 2030
09	Study of the Parameters Affecting Erosion Wear of Ductile Material in Solid-Liquid Mixture	International Journal of Lecture notes in Engineering and Computer Science	ISSN 2078-0958 Vol III WCE 2011, July 6 - 8, 2011, London, U.K. p.p. 1949 – 1951
10	Performance Characterization of Single Cylinder DI Diesel Engine Fueled with Karanja Biodiesel	International Journal of Lecture notes in Engineering and Computer Science	ISSN 2078-0958 Vol III WCE 2011, July 6 - 8, 2011, London, U.K. p.p. 2070 – 2074
11	Thermal Performance of Reheat, Regenerative, Intercooled Cycle	International Journal of Mechanical and Aerospace Engineering World Academy of Science Engineering and Technology	ISSN 2010-376X Paper Communicated
12	Experimental Investigation on Heat Loss from Hemispherical Solar Concentrator Receiver	Frontiers in Heat and Mass Transfer	ISSN: 2151-8629 (FHMT), 3, 033008 (2012) DOI:10.5098/hmt.v3.3.3008
13	Effect of Compression Ratio on Energy and Emission Performance of Diesel Engine Fueled with Karanja Biodiesel,	Journal of Sustainable Energy Engineering,	ISSN: 2164-6287 (Print), ISSN: 2164-6295 (Online), Online Date – August 29, 2012. DOI:10.7569/JSEE.2012.629511
14	Effect of Compression Ratio on Energy and Emission Performance of Single Cylinder Diesel Engine Fueled with Jatropa and Karanja Biodiesel	International Journal of Thermodynamics (IJoT)	Vol. 16 (No. 3), pp. 132-144, 2013 ISSN 1301-9724 / e-ISSN 2146-1511 DOI: 10.5541/ijot.508
15	Effect Of Compression Ratio On Energy And Emission Of VCR Diesel Engine Fueled With Dual Blends Of Biodiesel	Journal of Engineering Science and Technology	Vol. 9, Issue 5, pp. 620-640, Oct. 2014 ISSN : 1823-4690
16	Artificial Intelligence based approach in Computer Aided Design and Manufacturing	International Journal of Emerging Technologies and Applications in Engineering, Technology and Science	Vol.10, pp.44-50, April 2010 ISSN:0974-3588
17	Stress Analysis of Automotive Chasis with various thickness	IOSR Journals	Vol.6, Issue 1, pp.44-49 Mar/Apr. 2013 ISSN: 22781684

18	Review and study of adjustable spherical drive for right angle transmission	International Journal of Research in Advent Technology	Vol.3, Issue 1, pp 51-53 Jan. 2015 EISSN:2321-9637
19	Wear Test of Cast Iron (Brittle material) due to solid liquid mixture using Slurry Jet Erosion Tester.	International Journal of Novel Research in Engineering and Science	Vol.2, Issue2, PP.55-58 Sept.2015 to Feb 2016 ISSN:2394-7349
20	Experimental and T-Test (Testing Hypothesis) Approach in Vibration Reduction.	International Journal of Mechanical Engineering and Robotics Research	Vol.3, No.3, PP 611-618 July 2014 ISSN 2278-0149
21	Stress analysis of Ladder Chassis with various cross sections.	IOSR Journal	Vol.12, Issue 4, PP 111-116 Jul-Aug 2015 e-ISSN: 2278-1684 p-ISSN 2320-334X
22	Development of Slurry Jet Erosion Tester to simulate the Erosion Wear due to Solid-Liquid Mixture	International Journal of Novel Research in Engineering and Science	Vol.2, Issue1, PP. 14-20, PP 14-20, March 2015-August 2015 ISSN: 2394-7349
23	Design and Optimization of Perforated Muffler in an Automobile Exhaust System.	International Journal of Applied Research	Vol.1, Issue8, PP 390-395, 2015 ISSN(print) 2394-7500 ISSN(Online) 2394-5869
24	Design and Analysis of Perforated muffler in Automobile Exhaust System.	International Journal of Multidisciplinary Research and Development	Vol.2, Issue7, PP182-187, 2015 ISSN (Online) 2349-4182 ISSN (Print) 2349-5979
25	Design Consideration of Compact Flywheel by Effectiveness Analysis	International Journal of Modern Trends in Engineering and Research	Vol.02, Issue 02, PP. 701-709 Feb. 2015e-ISSN:2349-9745, p-ISSN: 2393-8161
26	Experimental Investigation of Compact Flywheel using Inertia Augmentation Mechanism	International Journal of Advanced Engineering and Nano Technology	Vol.-2, Issue-3, PP 1-5, Feb 2015 ISSN:2347-6389
27	Suggested Methodology for Compact Flywheel System of Passenger Cars	International Journal of Research in Advent Technology	Vol.3, No.1, PP 17-19, Jan 2015, e-ISSN:2321-9637
28	Finite Element Model for the Effect of Heat Input and Speed on Residual Stress During Weldings	International Journal of Mechanical Engineering and Robotics Research	Vol.3, No.3, PP. 763-776 July 2014 ISSN 2278-0149
29	IT Educational Management for Globalization of Teaching Learning Process	International Journal of Research in Engineering Science and Technology InJoREST	Vo.1, Issue:1, PP 29-39 Jan-Jun 2010 ISSN: 2229-5135

30	Friction and wear behaviour of PTFE and its composites: A review	International Journal Of Research In Advent Technology	Vol.3 No.7, July 2015 E-ISSN:2321-9637
31	Friction and wear behaviour of PTFE and its composites in Dry Condition	International Journal Of Research In Advent Technology	Vol.4 Issue 12, Dec. 2015 ISSN:2278-0181
32	Friction and wear behaviour of PTFE and its composites in Wet Condition	International Journal of Modern Trends in Engineering and Research	Vol.2 Issue 2, Dec. 2015 ISSN (Online): 2349-9745 ISSN (Print): 2393-8161
33	Microstructural Analysis of Bearing Cup for various Heat Treatment	International Journal of Advanced and Innovative Idea in Education	Vol.1 Issue 1, 2015 ISSN(O)-2395-4396
34	Wear Behaviour for Heat Treated Specimen of Steel SAE 1117 for Bearing Cup	International Journal of Advanced and Innovative Idea in Education	Vol.1 Issue 1, 2015 ISSN(O)-2395-4396
35	Design and Analysis of Leaf Spring of Tanker Trailer Suspension System	International Journal of Novel Research in Electrical and Mechanical Engineering	Vol.2 Issue3, PP:117-131, Sep-Dec 2015 ISSN 2394-9678
36	A Case Study of Defects Reduction in a Valve Guides of Cylinder Heads for Large Engines Manufacturing Process by Applying Six Sigma Principle and DMAIC Problem Solving Methodology	International Journal of Modern Trend in Engineering and Research	Vol.3, Issue1, E-ISSN 2349-9745, Jan.2016
37	Prededction of Specific Wear Rate of Glass and Bronze Filled PTFE Composites	International Journal of Current Engineering and Technology	Vol.5, No.6, PP 3901-3906 Dec 15
38	Experimental Investigation of PTFE and its Filler Under Wet and Dry Conditions	International Journal of Current Engineering and Technology	Vol.5, No.6, PP 3911-3920 Dec 15
39	Experimental Measurment Errosive Wear and Development of Prediction Model using Adoptive Nero Fuzzy Inference System	Journal of Engineering Science and Technology School of Engineering Taylor's University	Paper Communicated
40	Vibrational Response Diagnosis of Rotor System	International Advanced Research Journal in Science,	Vol.3, Issue 4, April 2016, PP 36-39 ISSN (online) 2393-8021

		Engineering and Technology	ISSN (Print) 2394-1588
41	Wear Behaviour of Aluminium Metal Matrix Composite with Siliocarbon-carbide used for Brake Pads under Dry Friction Condition	International Advanced Research Journal in Science, Engineering and Technology	Vol.3, Issue 6, June 2016, PP 72-76 ISSN:2393-4021 DOI 10.17148/IARJSET2016-3612
42	Finite Element Discretization of Rivet Structure	International Journal of Emerging Technology & Advanced Technology	Vol.6, Issue 6, June 2016, PP 143-147 ISSN:2250-2459
43	Influence of Rivet Association on Strength of Rivet Joint	International Journal of Emerging Technology & Advanced Technology	Vol.6, Issue 4, April 2016, PP 1-5 ISSN:2250-2459
44	Experimental Investigation of Jet Erosion Wear for Copper IS191due Solid-Liquid Mixture	International Advanced Research Journal in Science, Engineering and Technology	Vol.3, Issue 7, July 2016, PP 37-42 ISSN(E):2393-8021 ISSN(P):2394-1588 DOI:10.17148/IARJSET2016.3708
45	Review of Radial Fatigue Test	International journal for Innovative Research in Multidisciplinary field	Vol.2, Issue 6, May 2016, PP 1-5 ISSN:2455-0620
46	Studying Effect of Pressure on Rim	International journal for Innovative Research in Multidisciplinary field	Vol.2, Issue 6, June 2016, PP 95-99 ISSN:2455-0620
47	Wear test of cast-iron (Brittle Material) due to solid-liquid mixture using slurry jet erosion tester	International journal for novel Research in engineering and science	Vol.2, Issue 2, Feb 2016, PP 55-58 ISSN:2394-7349
48	Vibration Damping using Viscoelastic Material- A Review	International Journal of Emerging Technology & Research	Vol.2, Issue 3, May-June 2016, PP 47-51 ISSN(E):2347-5900 ISSN(P):2347-6079
49	Experimentation and t-Test of Viscoelastic Vibration Damping	International Journal of Engineering Trends and Technology (IJETT)	Vol.37, Issue 1, July 2016, PP 10-14 ISSN(E):2231-5381 ISSN(P):2349-0918

50	Implementation and Validation of 18-Spot Weld Wheel Rim by Cornering Fatigue and Static Pressure Test	International Journal of Innovation in Engineering Research and Management	Vol.3, Issue 3, June 2016, PP 1-8 ISSN:2348-4918 DOI N03031298/IJIERM
51	Analytical Modeling and Experimental Implementation Validation for Control Arc Weld Base Angular Distortion Technique	International Journal of Innovation in Engineering Research and Management	Vol.3, Issue 3, June 2016, PP 1-8 ISSN:2348-4918
52	Vibrational Analysis of Rotor System using FEA Tool (ANSYS 16.0)	International Advanced Research Journal in Science, Engineering and Technology	Vol.3, Issue 12, Dec 2016, PP 42-45 ISSN(E):2393-8021 ISSN(P):2394-1588
53	A Review: GFRP Plate Effect of Layup Angles on Vibration	International Advanced Research Journal in Science, Engineering and Technology	Vol.3, Issue 11, Nov 2016, PP 246-249 ISSN(E):2393-8021 ISSN(P):2394-1588
54	Study on effect of layup angles on Vibration of Glass Fibre Reinforced Polymer (GFRP) Plate	International Advanced Research Journal in Science, Engineering and Technology	Vol.4, Issue 1, Jan 2017, PP 48-53 ISSN(E):2393-8021 ISSN(P):2394-1588
55	CFD analysis of double pass foldable cum portable solar air heater	International Research Journal of Engineering and Technology	Vol.4, Issue 6, June 2017, PP 2062-2066 e-ISSN:2395-0056 p-ISSN:2395-0072 Impact Factor value 5.181
56	Crack Determination in propeller shaft using natural frequency.	IJARIE	Vol.3, Issue 4, 2017, PP 1454-1458 ISSN(O): 2395-4396
57	Design and Analysis with weight optimization of two wheeler gear set.	International Advanced Research Journal in Science, Engineering and Technology UGC Approved Journal	Vol.4, Issue 7, July 2017, PP 39-47 ISSN(E):2393-8021 ISSN(P):2394-1588 DOI10.17148
58	An Optimization in Vibration Reduction of Viscoelastic Materials by using Testing Hypothesis	IARJSET	Vol.4, Issue 12, Dec. 2017 ISSN(Online) 2393-8021 ISSN (Print) 2394-1588
59	Design of Domestic Multi-utility Dryer	IRJET	Vol.5, Issue 2, Feb 2018 e-ISSN2395-0056 p-ISSN -2395-0072

60	Structural Health Monitoring of Composites	AERJ	Vol.2, Issue 12, PP4434-4437 ISSN 2395-1621
61	Review Paper on Design, Modelling and Analysis of High Energy Impact Guard for Heavy Duty Vehicle.	IRJET	Vol.06, Issue 01, Jan 2019 e-ISSN2395-0056 p-ISSN -2395-0072
62	Design, Modelling and Analysis of High Energy Safety Impact Guard for Heavy Duty Vehicle.	IJRASET	Vol.07, Issue 1, Jan 2019 ISSN2321-9653
63	Modification of Jet erosion test rig to erosion test due to solid-liquid mixture	International journal of Engineering Research & Technology (IJERT)	Vol.08, Issue 12, 2019 ISSN2278-0181
64	Experimental Investigation of Jet Erosion wear for Aluminum Alloy 19000 due to solid-liquid mixture	International Journal for Research in applied science & Engineering Technology (IJRASET)	Vol.07, Issue XII, Dec 2019 ISSN2321-9653
65	Effect of process parameters on additively manufactured parts using FDM process & Material selection: A Review	IOP Conference series Material Science & Engineering 810(2020) 012031	Doi: 10.1080/1757-899X/810/1/012031
66	Low temperature combustion with multiple injection strategies in Single cylinder diesel engine.	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Vol.09, Issue 7, May 2020 ISSN2278-3075

Membership of Professional Bodies

Sr. No	Name of The Body / Head Quarter	Grade of Membership	Membership Number
01	MISTE – Indian Society for Technical Education	Life Time	LM-23515
02	MIE – Member of Institution of Engineers	Life Time	LM-115451/0

11. Other Prestigious Position & Awards in Credit

- Worked as session chair at Savitribai Phule Pune University sponsored state level conference on Emerging Trends in Engineering and Technology at Guru Govindsing College of Engineering and Research Center Nasik on 26 Feb. 2016.

- North Maharashtra University recognized Ph.D Guide (Mechanical Engineering) from Nov. 2017.

12. Projects / Dissertation / Thesis Guided / Supervised

Sr. No	Level	Number of Projects/Dissertation/	No of Students
01	Under Graduate Level	@ 100	@400
02	Post Graduate Level	@26	@26
03	Ph.D. Guide	@08	@08

13. Details of Computer Software Learned

Sr. No	Name of Software	Level of Understanding
01	AutoCAD 2000	3

14. Personnel Information (Self)

01	Height	167 cm (5'5'')
02	Weight	57 kg
03	Blood Group	A +ve
04	Diseases	No
05	Emergency Medicine	NA
06	Name of Hospital / Family Doctor	“Aashirvad Clinic” Dr. Deepak Kate (MD)
07	Medicclaim Policy Details Insurance Company Number	Reliance Medi claim & SBI Life

Dependent Members of Family

Sr. No	Name of Members	Relationship	Age
01	Manisha Yuvraj Suryavanshi	Wife	45
02	Vedantika Eknath Deore	Daughter	18
03	Ojal Eknath Deore	Son	14

Other Information

01	Driving License Number / Issuing State	MH 18 20090018467 (Maharashtra)
02	Voter ID Card Number & Detail	MT/14/89/282290
03	Passport Number	E7369518
04	Aadhar Card Number	527144892386

I declare that the above furnished information is correct to the best of my knowledge and belief

Signature

Deore Eknath Raghunath