

RESUME

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PERSONAL DETAILS :

Name : Dr. Vinayak H. Khatawate
Qualified Degree : B.E (Mech)
M.E (Mechanical with Machine Design)
PhD (Mechanical Engineering)
Nationality : Indian
Permanent Address : Vinayak H. Khatawate
402/Navyanidhi Co-op Hsg Society,
Plot No-12, Sector 42A, Seawood,
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PUBLICATIONS:

I) INTERNATIONAL LEVEL

- 1) Vinayak H. Khatawate, M.A. Dharap, R.I.K. Moorthy, "Analysis of stress and strain concentration factors on notched plate beyond yield point of the material", Australian Journal of Mechanical Engineering, 2019, Vol.17, Issue-2 pp.76-89. (Taylor and Francis Publishers).
- 2) Vinayak H. Khatawate., Dharap M.A., Godse A., Balikai V.G., Rao A.S. (2020), "Assessment of Local Stresses and Strains Using NSSC Rules", Proceedings of International Conference on Intelligent Manufacturing and Automation . Lecture Notes in Mechanical Engineering. pp 659-667 (Springer Publishers).
doi: https://doi.org/10.1007/978-981-15-4485-9_66
- 3) A. A. Shinde, V. H. Khatawate, G. Vinod and S. N. Kadam, "Evaluation of Site Core Damage Frequency of Multi-Unit Nuclear Power Plant Using Probabilistic

Safety Assessment," 2019 International Conference on Nascent Technologies in Engineering (ICNTE), Navi Mumbai, India, 2019, pp. 1-4.
doi: 10.1109/ICNTE44896.2019.8945811.

- 4) Vinayak H. Khatawate., Sheth J., Tulasyan P. (2020), " Structural Analysis of the Upright of a FSAE Race Car", Proceedings of International Conference on Intelligent Manufacturing and Automation. Lecture Notes in Mechanical Engineering, pp.543-554. (Springer Publishers).
doi: https://doi.org/10.1007/978-981-15-4485-9_56
- 5) Savla H., Sanghvi N., Rasal S., Vinayak H. Khatawate. (2020), "Analysis of Compound Column-Based Supporting Structures Used in Suburban Railway Transport System: Use of Stiffener Plates", Proceedings of International Conference on Intelligent Manufacturing and Automation. Lecture Notes in Mechanical Engineering, pp.249-256. (Springer Publishers).
doi: https://doi.org/10.1007/978-981-15-4485-9_26
- 6) Vora D.K., Patil R.K., Vinayak H. Khatawate. (2020), "Analysis of Brake Hub Used in Automobiles", Proceedings of International Conference on Intelligent Manufacturing and Automation, Lecture Notes in Mechanical Engineering, pp. 849-859. (Springer Publishers).
doi: https://doi.org/10.1007/978-981-15-4485-9_82
- 7) Patel J.H., Vinayak H. Khatawate., Jain G., Shah P. (2020), "Static Analysis of Tripod Housing Using FEA and Its Validation", Proceedings of International Conference on Intelligent Manufacturing and Automation, Lecture Notes in Mechanical Engineering, pp 763-776. (Springer Publishers).
doi: https://doi.org/10.1007/978-981-15-4485-9_75
- 8) Sutaria U., Shah V., Shah K., Shah C., Vinayak H. Khatawate. (2020), "Optimization of Brake Rotor Slotting Using Finite Element Analysis", Proceedings of International Conference on Intelligent Manufacturing and Automation, Lecture Notes in Mechanical Engineering pp 803-813. (Springer Publishers).
doi: https://doi.org/10.1007/978-981-15-4485-9_78
- 9) Patel J.H., Poojari R., Shah M.K., Shah A.H., Vinayak H. Khatawate. (2020), "Topology Optimization of Wheel Hub Used in Automobiles", Proceedings of International Conference on Intelligent Manufacturing and Automation, Lecture Notes in Mechanical Engineering, pp 723-736. (Springer Publishers).
doi: https://doi.org/10.1007/978-981-15-4485-9_72

- 10) Gorawar M.B., Balikai V.G., Vinayak H. Khatawate., Revankar P.P. (2020), “Remote Data Acquisition System for Measurement of Ambient Climatic Conditions and SPV Battery Status”, Proceedings of International Conference on Intelligent Manufacturing and Automation, Lecture Notes in Mechanical Engineering, pp 375-383. (Springer Publishers).
doi: https://doi.org/10.1007/978-981-15-4485-9_39
- 11) Rao A.S., Vinayak H. Khatawate., Mane S. (2020), “Design and Development of Easy Access Crisper/Shelf in a Refrigerator”, Proceedings of International Conference on Intelligent Manufacturing and Automation, Lecture Notes in Mechanical Engineering, pp 591-601. (Springer Publishers).
doi: https://doi.org/10.1007/978-981-15-4485-9_60
- 12) Yadav R., Vinayak H. Khatawate., Patel D., Thonse S., Sunsara D. (2020), “Comparative Study of Aluminum and Composite Stub Axle Using FEA”, Proceedings of International Conference on Intelligent Manufacturing and Automation, Lecture Notes in Mechanical Engineering, pp 449-458. (Springer Publishers).
doi: https://doi.org/10.1007/978-981-15-4485-9_46
- 13) Vinayak H. Khatawate, Komal Kadam, “Performance Analysis of Crash box in Automobiles” IEEE Technically Co-Sponsored International Conference on Nascent Technologies in Engineering (ICNTE-2019) organized by Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai, India, January 04-05, 2019.
- 14) Amit Shet, Veeresh G Balikai, M B Gorawar, P P Revankar, Vinayak H Khatawate, “Simulation of solar irradiation assessment for power generation”, IOP Conf. Series: Materials Science and Engineering 955 (2020) 012073.
doi:10.1088/1757-899X/955/1/012073.
- 15) M B Gorawar, Veeresh G Balikai, , P P Revankar, Vinayak H Khatawate, “Performance studies of Solar Air Collector through Design of Experiment approach”, IOP Conf. Series: Materials Science and Engineering 955 (2020) 012072.
doi:10.1088/1757-899X/955/1/012072.
- 16) Avinash Shaligram, Vinayak H Khatawate, Pruthviraj Rahane, “Bridging the Gap between Knowledge Imparted in UG Curriculum of Mechanical/Automobile Engineering and Industry Work Environment”, Fifth International Conference on Transformations in Engineering Education (ICTIEE 2018) organized by Indo Universal Collaboration for Engineering Education at Madurai 8-9th Jan-2018.
- 17) Vinayak H. Khatawate, M.A.Dharap, R.I.K.Moorthy, “Validation of stress concentration factor and estimation of local stresses beyond yield point of the material for notched specimens”, International Conference on Advances in Thermal systems,

Materials and Design Engineering (ATSMDE 2017) organized by Veermata Jijabai Technological Institute (VJTI) Mumbai, 21-22nd Dec-2017.

- 18) Avinash Shaligram, Vinayak H Khatawate, Divya Padmanabhan, “**Reaffirming Core Technical Knowledge of Fresh Mechanical Engineers: Need of the Hour**”, Fourth International Conference on Transformations in Engineering Education (ICTIEE 2017) organized by Indo Universal Collaboration for Engineering Education and Manipal University Jaipur, 11-12th Jan-2017.
- 19) Vinayak H. Khatawate, M.A.Dharap, R.I.K.Moorthy, “**Estimation of the Effective Notch Root Stresses and Strains for Plate with Opposite U-shaped Notches by Nonlinear Analysis**”, International Journal of Design Engineering, 2016, Vol.6, No.4, pp.326-350. (INDERSCIENCE Publishers).
- 20) Vinayak H. Khatawate, M.A.Dharap, R.I.K.Moorthy, “**Stress and strain concentration factors for flat plate with opposite side U-shaped notches under tension**”, International Journal of Design Engineering, 2016, Vol.6, No.3, pp.173-195. (INDERSCIENCE Publishers).
- 21) Vinayak H. Khatawate, M.A.Dharap, R.I.K.Moorthy, “**Numerical Validation of Theoretical Stress Concentration Factor and Investigation of Inelastic Stresses for Notched Specimens**”, International conference on current research topics in Power, Nuclear, Fuel and Energy (PNFE-2016), during 25th to 27th October-2016 at St.Peter’s Engineering College, Hyderabad.
- 22) Aditya A. Shinde, Vinakay H. Khatawate, S.N. Kadam, Gopika Vinod, “**PSA modeling of multi-unit nuclear power plant**”, International conference on current research topics in Power Nuclear and Fuel Energy (PNFE-2016), during 25th to 27th October-2016 at St. Peter’s Engineering College, Hyderabad.
- 23) Vinayak H. Khatawate, M.A.Dharap, R.I.K.Moorthy, “**Validation of Theoretical Stress Concentration Factor for Varying Notched Geometries Using FEA**”, Proceedings of International Congress on Computational Mechanics and Simulation (ICCMS-2016), IIT Bombay, Mumbai, June 27- July 1-2016, pp.1248-1251.
- 24) Vinayak H. Khatawate, M.A.Dharap, R.I.K.Moorthy, “**Estimation Of Local Stresses And Strains For Notched Geometries Using Non-Linear Analysis**”, Proceedings of International Congress on Computational Mechanics and Simulation (ICCMS-2016), IIT Bombay, Mumbai, June 27- July 1-2016, pp.881-884.
- 25) Bhavesh Pasi, Vinayak H. Khatawate “**Structural Analysis of Inflatable Cylinder by using ABAQUS**”, Journal of Basic and Applied Research International, Vol.16, Issue-2, Feb-2016, pp.109-115.
- 26) Bhavesh Pasi, Vinayak H. Khatawate " **Buckling Analysis of Inflatable Cylinder by using Experimental Setup**", International Journal of Advanced Engineering Research and Applications (IJAERA), Vol.1, Issue-8, Dec-2015, pp.315-319.

- 27) Abhijeet Rane, Gajendra V. Patil, Gajanan Thokal & Vinayak H. Khatawate “**Design and Optimization of Electrostatic Precipitator using Finite Element analysis Tool**”. International Journal of Mechanical Engineering & Technology (IJMET), Volume 5, Issue 1, January 2014, pp.90-97.
- 28) Manoj Nikam, Gajendra V. Patil, Vinayak H. Khatawate “**Estimation of stress intensity factor (sif) on crack component by using finite element analysis**” International Journal of Mechanical Engineering & Technology (IJMET), Volume 5, Issue 1, January 2014.
- 29) Mukund Kavekar, Vinayak H. Khatawate & Gajendra V. Patil “**Weight Reduction of Pressure Vessel using FRP Composite Material**”, International Journal of Mechanical Engineering and Technology (IJERA), Vol.4, Issue-4, July-Aug-13. pp.300-310.
- 30) Gautam Ghedmal, Vinayak H. Khatawate “**Productivity Improvement in Automated Material Handling System of Liquor Manufacturing Plant**” International Journal of Engineering Research and Applications (IJERA) ISSN: 2248-9622, Vol. 3, Issue-4, Jul-Aug-2013, pp.2530-2537.
- 31) Swati Chougule, Vinayak H. Khatawate “**Piston Strength Analysis piston Using FEM**” International Journal of Engineering and Research Applications (IJERA), ISSN:2248-9622, Vol.3, Issue2, March-April 2013, pp.1724-1731.
- 32) Momin Muhammad, Vinayak H. Khatawate “**Optimization Of Crankshaft Using Strength Analysis**”, International Journal of Engineering and Research Applications (IJERA), ISSN:2248-9622, Vol.3, Issue3, May-June 2013, pp.252-258.
- 33) Giridhar Chavan, Vinayak H. Khatawate “**Artificial Intalligence System For Remotely Controlled Wheeled vehicle System For Disabled Person**”, International Journal of Engineering and Research Applications (IJERA), ISSN:2248-9622, Vol.2, Issue4, June-July 2012, pp.738-741.
- 34) Amreen Shaikh, Vinayak H. Khatawate “**Design and Energy Optimization of Z-Type Chain Conveyor**”, International Journal of Engineering and Research Applications (IJERA), ISSN:2248-9622, Vol.2, Issue4, Jul-August 2012, pp.1421-1424.

II) NATIONAL LEVEL

- 1) Vinayak H. Khatawate “**Load analysis of connecting rod for tractor engine**”, Proceedings of National Conference on state of the art of technology in Mechanical Engineering, Jawaharlal Nehru Technological University, Hyderabad during May 5th and 6th, 2006.
- 2) Vinayak H. Khatawate & Vikram Mane “**Finite Element Analysis of Ellipsoidal Head Pressure Vessel**” *National Conference on Emerging Trends in Engineering & Technology (VNCET-30 Mar’12)*.

DOCTORAL CONSORTIUM /COLLOQUIUM/ POSTER PRESENTATION:

- 1) Participated in **Poster Presentation** Organized by Veermata Jijabai Technological Institute (VJTI), Mumbai on 29th Feb 2012.
- 2) Participated in **Doctoral Consortium and Poster Presentation** Organized by Veermata Jijabai Technological Institute (VJTI), Mumbai on 16th March 2012.
- 3) Participated in a National level **Doctoral Consortium and Poster Presentation** Organized by Veermata Jijabai Technological Institute (VJTI), Mumbai on 11th January 2013.
- 4) Participated in TEQIP-II sponsored **Phd Colloquium** for Research Scholars Organized by Veermata Jijabai Technological Institute (VJTI), Mumbai on 15th and 16th April-2013.
- 5) Participated in **Poster Presentation** Organized by Veermata Jijabai Technological Institute (VJTI), Mumbai on 5th Apr 2016.

POST GRADUATE DISSERTATION GUIDED (ME with CAD CAM and Robotics).

Sr. No.	Academic Year	Name of the Student	Title of the Project	Guide/Co-guide
1.	2018-19	Komal Kadam	Performance analysis of Crash box in Automobiles	Guide
2.	2016-17	Aditya A Shinde	PSA Modeling Of Multiunit Nuclear Power Plant	Guide
3.	2015-16	BhaveshKumar N. Passi	Structural analysis of Inflatable Material	Guide
4.	2012-13	Mukund Kavekar	Weight Reduction of Pressure Vessel using FRP Composite Material.	Co-Guide
5.	2011-12	1) Atul Godase	1) Modeling And Finite Element Analysis Of Stress Concentration Factors For Varying Notched Geometries	Co-Guide
		3) Momin Muhammad	2) Optimization Of Crankshaft Using Strength Analysis	Co-Guide
		3) Swati Chougule	3) Piston Strength Analysis piston Using FEM	Co-Guide

6.	2010-11	1) Amreen Shaikh	1) Design and Energy Optimization of Z-Type Chain Conveyor	Co-Guide
		2) Vikram Mane	2) Element Analysis of Ellipsoidal Head Pressure Vessel	Co-Guide
		3) Giridhar Chavan	3) Artificial Intalligence System For Remotely Controlled Wheeled vehicle System For Disabled Person	Co-Guide

SUBJECTS TAUGHT:

I. At PG level (M.E)

- 1) Finite element method.
- 2) Advanced Finite element analysis.
- 3) Reliability engineering.

II. At UG level.

- 1) Engineering Mechanics
- 2) Engineering drawing
- 3) Strength of materials
- 4) Theory of Machine
- 5) Machine design-1
- 6) Finite Element Analysis

INVITED GUEST LECTURES AND EXPERT COMMITTEE MEMBER:

- 1) Invited as resource person to conduct orientation to all Mumbai university faculty for the subject Finite Element Analysis (MEC603, MEL603)/(AEC603, AEL603) third year Mechanical and Automobile Engineering, SEM VI (CBCGS) on 17th Januaray, 2019 at D J Sanghvi college of Engineering Mumbai.
- 2) Invited as resource person on 08th May-19 to talk on “**Statistical applications in Reliability Engineering** ”at ISTE approved one week STTP on “Statistical analysis and its applications in Industry and Research” conducted by ViMEET.
- 3) Invited as a member by University of Mumbai to prepare the syllabus of First year engineering (Subject: Engineering Mechanics) as per AICTE model curriculum on 8th May, 2019 at 3.00 p.m. The meeting was held at K. J. Somaiya

Institute of Engineering and information technology, Sion, Mumbai.

- 4) Invited as an **expert committee member** on 21st July-18 to conduct faculty interviews at Xavier Institute of Engineering Mahim, Mumbai.
- 5) **Member of Vigilance squad** at the examinations conducted by the University of Mumbai for FH-2018 (May-June-18).
- 6) **Member of Vigilance squad** at the examinations conducted by the University of Mumbai for SH-2018 (Nov-Dec-18).
- 7) Delivered Guest lecture on “**Design of Screw Press**” to Mechanical Engineering Students at Saraswati college of Engineering, Kharghar, Mumbai on 04th April-2014.
- 8) Delivered Guest lecture on “**Deflection of Beams**” to Mechanical Engineering Students at Saraswati college of Engineering, Kharghar, Mumbai on 07th Oct-2013.

WORKSHOP/ STTP/FDP ATTENDED:

- 1) Successfully completed AICTE Training And Learning (ATAL) Academy Online FDP on "Robotics" from 24/08/2020 to 28/08/2020 conducted by Government polytechnic, Harapanahalli Karnataka.
- 2) Successfully completed AICTE Training And Learning (ATAL) Academy Online FDP on "Design Thinking" from 30/09/2020 to 04/10/2020 conducted by VJTI Mumbai.
- 3) Successfully completed following SAS certification courses
 - a. SAS(R) Programming 1: Essentials (27th and 28th July-2020)
 - b. SAS(R) Programming 2: Data Manipulation Techniques (29th to 31st July-2020)
 - c. SAS(R) Visual Analytics 1 for SAS(R)9: Basics (03rd and 4th Aug-2020)
 - d. SAS(R) Visual Analytics 2 for SAS(R)9: Advanced (05th and 06th Aug-2020)
 - e. Applied Analytics Using SAS(R) Enterprise Miner (17th to 19th Aug-2020)
 - f. SAS(R) Enterprise Guide(R): ANOVA, Regression, and Logistic Regression (12th to 14th Aug-2020)
- 4) Successfully completed following online **Coursera** courses from April-2020 to Aug-2020
 - a. Mechanics of Materials-1
 - b. Mechanics of Materials-2
 - c. Mechanics of Materials-3
 - d. AI for everyone
 - e. Data analytics for Lean Six Sigma

- f. Machine learning for all
 - g. Assessment in Higher Education: Professional Development for Teachers
 - h. Learning to Teach Online
- 5) Successfully completed online FDP on “Intellectual Property Right” conducted by Tata Consultancy Services at DJSCE Mumbai on 24-Aug-2020.
 - 6) Successfully completed online FDP on “Connected Vehicles” conducted by Tata Consultancy Services at DJSCE Mumbai on 25-Aug-2020.
 - 7) Successfully completed online FDP on “A Journey into the Manufacturing Sector in India in view of Industry 4.0 practices and COVID-19” organized by Production dept. of DJSCE Mumbai from 9th to 13th June, 2020.
 - 8) Attended webinar on CFD for Centrifugal Pump conducted by Imperial College of Engineering and Research, Wagholi, Pune, India on 19-may-20.
 - 9) Attended webinar on Teachers are Leaders conducted by Bharati Vidyapeeth College of Engineering, Navi Mumbai, India on 23-may-20.
 - 10) Attended webinar on Design of experiments conducted by Amrutavahini College of Engineering Sangamner on 6-Jun-20.
 - 11) Successfully completed 5 days National Online Faculty Development Program on “Artificial Intelligence ” organized by Department of Information Technology, Universal College of Engineering under IQAC in collaboration with Brain O Vision Solutions India Pvt. Ltd. & National Youth Council of India held during 22.05.2020 to 26.05.2020.
 - 12) Successfully completed following Coursera courses during April-20 to June-20.
 - a. Mechanics of Materials-1
 - b. AI for everyone
 - c. Data analytics for Lean Six Sigma
 - d. Machine learning for all
 - 13) Successfully completed 8 weeks (Feb-Apr 2019) AICTE recognized NPTEL course on “Basics of Finite Element Analysis” with a consolidated score of 97% (Topper 1% and Gold medal).
 - 14) Attended 19th ISTE state annual faculty convention 2019 about “**Academia Industry Collaboration: Issues, challenges and Opportunities**” at A P Shah Institute of Technology Thane Mumbai, on 05th Jan-19.
 - 15) Attended one week AICTE-QIP sponsored short term course on “**Fundamentals and Applications of Fracture Mechanics**” organized by Department of Mechanical Engineering, Veermata Jijabai Technological Institute (VJTI) Mumbai from 22nd to 27th January 2018.

- 16) Attended INUP (Indian Nanoelectronics users program) Familiarization workshop on “Nanofabrication Technologies” conducted by Indian Institute of Technology Bombay from 29th Nov to 01st Dec-2017.
- 17) Attended Two week ISTE approved workshop on “**Engineering Mechanics**” conducted by Indian Institute of Technology Bombay from 26th Nov to 06th Dec-2013.
- 18) Attended Two week ISTE approved workshop on “**Engineering Mechanics**” conducted by Indian Institute of Technology Bombay from 26th Nov to 06th Dec-2013.
- 19) Attended Two week ISTE approved workshop on “**Introduction to Research Methodologies**” conducted by Indian Institute of Technology Bombay from 25th June to 04th July-2012.
- 20) Attended Two week ISTE approved workshop on “**Computational Fluid Dynamics**” conducted by Indian Institute of Technology Bombay from 12th to 06th June-2012.
- 21) Attended Two days ISTE approved workshop on “**Writing Effective conference Papers**” conducted by Indian Institute of Technology Bombay on 18th and 19th Feb-2012.
- 22) Attended Two week ISTE approved workshop on “**Heat Transfer**” conducted by Indian Institute of Technology Bombay from 29th Nov to 10th Dec-2011.
- 23) Attended One week ISTE approved, STTP on “**Research Methodology, Mathematical Modelling and Research Based Industry Institute Interaction Activities In Engineering and Technology**” conducted by Shivajirao S. Jondale College Of Engineering Dombivli, Mumbai from 19th to 23rd July-2011.
- 24) Attended Two week ISTE approved workshop on “**Thermodynamics**” conducted by Indian Institute of Technology Bombay from 14th June to 24th June-2011.
- 25) Attended Two week ISTE approved STTP on “**Finite Element Analysis using NASTRAN-PATRAN software**” conducted by Pillai’s Institute of Information Technology NewPanvel from 4th to 15th Jan-2011.
- 26) Attended one week ISTE approved workshop on “**Computer Aided design and drafting Tools**” conducted by Agnel Polytechnic Vashi, from 15th to 19th Feb-2011.
- 27) Attended “**Workshop on Mechatronics**” at Fr.C.R.I.T Vashi Navimumbai from Oct 28- 30, 2004.
- 28) Attended training on “**Pro-E**” at Rolta Mumbai from 03rd to 06th August 05.

RESEARCH GRANTS

- a) Minor Research Grant (MRG) of Rs.40000/- (Rupees forty thousand only) has been granted by University of Mumbai in the academic year 2019-20. No.APD/ICD/2019-20/762 Dtd. 20th March-2020. Project No.863.

FDP/WORKSHOP/ STTP CONDUCTED:

1) Co-ordinator for one week FDP on “**Digital Prototyping for Product Design**” from 06th to 10th July 2015 conducted jointly by Pillai Institute of Information Technology, Newpanvel and Fr.C Rodrigues Institute of Technology, Vashi in association with AUTODESK.

PROFESSIONAL BODY MEMBERSHIPS:

- 1) **ISME** (Indian Society of Manufacturing Engineering) Life membership. Membership from 05th October 2018.
- 2) **ISTE** (Indian Society of Technical Education) Life membership. Membership No: LM-52590 from 01st May 2007.
- 3) **IIIE** (Indian Institution of Industrial Engineering, Navimumbai), Life membership. Membership No: **SMIIE 10625 (21)** from 30th Sept-2014.

CAD/CAM/CAE Softwares exposure:

IDEAS-10
Pro-E
MSc-NASTRAN
SOLID WORKS
ANSYS
HYPERMESH
RADIO

EXPERIENCE:

1. Currently an Associate Professor (from July-2018 till date) and Associate Head (from Feb-2020 till date) in the department of Mechanical Engineering at Dwarkadas J. Sanghvi College of Engineering, Vile Parle, Mumbai.
2. Worked as an Associate professor in the department of Mechanical Engineering at Pillai College of Engineering, New-Panvel, Navimumbai from Jan-2018 to June-2018.
3. Worked as an Assistant professor in the department of Mechanical Engineering at Pillai College of Engineering, New-Panvel, Navimumbai from August-2006 to Dec-2017.
4. Worked as ME (CAD/CAM & ROBOTICS) course co-ordinator in PIIT NewPanvel from 2008 to July-2014.
5. Worked as a lecturer in Agnel Polytechnic, Vashi, Navimumbai from Sept 1998 to July 2006.
6. Worked as an Asst. manager in “SUNIL ENGINEERING” at Hubli from Aug-1997 to Sept-1998
7. Possessed programming skills & good working experience on C.N.C machine (Lathe & Milling).

ACADEMIC QUALIFICATION:

Degree/ Course	University/ Board	Year of Passing	Marks (%)	Class
S.S.L.C	K.S.E.E.B Bangalore	1991	72	First
P.U.C (SSC)	P.U.E.B Bangalore	1993	73	First

PROFESSIONAL QUALIFICATION:

B.E(Mech)

University	Year of Passing	Marks (%)	Division/Class
Karnataka University Dharwad.	1997	77%	First with DN

M.E (Machine Design)

University	Year of Passing	Marks (%)	Division/Class
Mumbai University	2006	74% (Agg.)	First with DN

PhD (Mechanical Engineering)

Institute/University	Year of PhD Awarded
Veermata Jijabai Technological Institute (VJTI), Matunga Mumbai	2017

Dr. Vianayak H.Khatawate