

Curriculum Vitae

Mr. Vijay D. Kolate

Assistant Professor,
Mechanical Engineering Department,
PhD. Mechanical Engineering (Pursuing)
M.E. Mechanical (Design Engineering),
B.E. Mechanical



1. OBJECTIVE:

To become excellent in teaching and academics to serve the institute's knowledge-based technical human resources.

2. PERSONAL PROFILE:

Father's Name: Mr Dilip B. Kolate
Date of Birth: 20th June 1989
Marital status: Married
Blood Group: O +ve
Category: Open
Religion: Hindu
Caste: Maratha
Contact No: +91-9096272183
E-Mail: vijaykolate1989@gmail.com
Languages Known: Marathi, Hindi & English
Nationality: Indian
Willing to Relocate: Yes

3. PROFESSIONAL QUALIFICATIONS:

Sr. No.	Examination	University /Board	Year of passing	Class	%Marks Obtained/ CGPA
8	PhD (Mechanical Engineering)	Savitribai Phule Pune University, Pune.	Pursuing	Coursework Completed in 2020	NA
7	Post Graduate [M.E. Mechanical (Design Engineering)]	Savitribai Phule Pune University, Pune.	2015	First Class With Distinction	7.90
6	Undergraduate [B.E. Mechanical]	Pune University, Pune.	2011	First Class With Distinction	76.60
5	Undergraduate [T.E. Mechanical]	Pune University, Pune.	2010	First Class With Distinction	67.28
4	Undergraduate [S.E. Mechanical]	Pune University, Pune.	2009	First Class With Distinction	69.67
3	Undergraduate [F.E. Mechanical]	Pune University, Pune.	2008	First Class With Distinction	67.54
2	Higher Secondary Certificate (H.S.C.)	Maharashtra Board	2007	First Class	73.50
1	Secondary School Certificate (S.S.C)	Maharashtra Board	2005	First Class With Distinction	79.86

Academic Achievements:

1. Secured first Rank in B.E. (All four years at S.N.D. College of Engineering and Research Center, Nasik)
2. Secured first Rank in M.E. (All Two years at S.N.D. College of Engineering and Research centre, Nasik)
3. Secured first Rank in SSC (at Dr Shankarrao Kolate Vidhyalaya & Junior College, Pisarve)
4. Secured Third Rank in HSC (at Pune Jilha Shikshan Mandal, Waghire College, Saswad)

4. EXPERIENCE: (10 Years 2 Months)

4.1 Approved Experience

Sr. No.	Duration		Duration	Name of the Organization	Approval Position	Nature of Approval
	From	To				
4	25 March 2022	Till Date	2 Years, 7 Months	KJ's Educational Institutes, Trinity Academy of Engineering, Pune.	Assistant Professor	PG Teacher Recognition
3	06, March 2017	Till Date	7 Years, 7 Months	KJ's Educational Institutes, Trinity Academy of Engineering, Pune.	Assistant Professor	Permenant / Full Time (UGC)
2	11, August 2016	05, March 2017	7 Months	KJ's Educational Institutes, Trinity Academy of Engineering, Pune.	Assistant Professor	A.Y. 2016-2017 Adhoc only
1	02, July 2015	31, May 2016	11 Months	KJ's Educational Institutes, Trinity Academy of Engineering, Pune.	Assistant Professor	A.Y. 2015-2016 Adhoc only

4.2 Academic: (12 Years 2 Months)

Sr. No.	Duration		Duration	Name of the Organization	Designation	Key Responsibilities Handled
	From	To				
KJ's Educational Institutes, Trinity Academy of Engineering, Pune. (9 Years 3 Months)						
2	19 th June 2015	Till date	9 Years 3 Month	KJEI's Trinity Academy of Engineering, Pune.	Assistant Professor	1. P.G. Coordinator. (6 Years) 2. Dean Academics (3 Years) 3. HoD Mechanical (1 Years) 4. College Examination Officer (CEO) 5. NSS Officer (4 Years) 6. NAAC I/C for Criteria III/ II /VI 7. Senior Supervisor (SPPU) (5 Years)
JES' S. N. D. College of Engineering and Research Center, Nashik (2 Years 11 Months)						
1	19 th July 2012	18 th June 2015	2 Year 11 Months	JES' S. N. D. College of Engineering and Research Center, Nashik	Assistant Professor	1. Exam Coordinator (OR/PR). 2. Assistant Senior Supervisor (SPPU) 3. Seminar Coordinator. 4. Lab In charge of DOM Lab.

4.3 Industry: (01 Year)

Sr. No.	Duration		Duration	Name of the Organization	Designation	Responsibilities Handled
	From	To				
Finearc System Pvt. Ltd. Pune. (01 Year)						
1	15 th July 2011	18 th July 2012	01Year	Finearc System Pvt. Ltd.	Project Engineer	Project-Engineer of Special Purpose Machines

5. SUBJECT TAUGHT:

Academic Year	Subject Taught		Name of the Organization
	SEM-I	SEM-II	
2024-2025	Numerical and Statistical Methods (TE) Dynamics of Machinery (BE) Heating Ventilation, Refrigeration and Air-Conditioning (BE) Geometric Dimensioning and Tolerances (SE) Data Analytics Lab (BE)		KJEI's Trinity Academy of Engineering, Pune.
2023-2024	Systems in Mechanical Engineering (FE) Dynamics of Machinery (BE)	Engineering Graphics (FE) Kinematics of Machinery (SE)	
2022-2023	Systems in Mechanical Engineering (FE) Additive Manufacturing (BE)	Engineering Graphics (FE) Artificial Intelligence and Machine Learning (TE).	
2021-2022	1. Dynamics of Machinery (BE) 2. Elective I (ME) 3. Systems in Mechanical Engineering (FE)	1. Engineering Graphics 2- (FE) 2. Project-Based Learning (FE)	
2020-2021	1. Dynamics of Machinery (BE) 2. Elective I (ME)	1. Mechanical System Design (BE) 2. Elective II (ME)	
2019-2020	1. Dynamics of Machinery (BE) 2. Theory of Machine II (TE)	1. Mechanical System Design (BE) 2. Mechatronics (TE)	
2018-2019	1. Dynamics of Machinery (BE) 2. Theory of Machine II (TE)	1. Mechanical System Design (BE) 2. Mechatronics (TE)	
2017-2018	1. Dynamics of Machinery (BE) 2. Advanced Stress Analysis (ME)	1. Mechanical System Design (BE) 2. Advanced Mechanical Vibration (ME)	
2016-2017	1. Dynamics of Machinery (BE) 2. Advanced Stress Analysis (ME)	1. Mechanical System Design (BE) 2. Advanced Mechanical Vibration (ME)	
2015-2016	1. Operation Research (BE) 2. Advanced Stress Analysis (ME)	1. Mechanical System Design (BE) 2. Advanced Mechanical Vibration (ME)	
2014-2015	1. Dynamics of Machinery (BE) 2. Heat Transfer (TE)	1. Mechanical System Design (BE) 2. Theory of Machine I (SE)	JES' S.N.D. College of Engineering and Research Centre, Nasik
2013-2014	1. Dynamics of Machinery (BE) 2. Heat Transfer (TE)	1. Mechanical System Design (BE) 2. Basic Mechanical Engineering (FE)	
2012-2013	1. Dynamics of Machinery (BE) 2. Heat Transfer (TE)	1. Design of Machine Element II (TE) 2. Theory of Machine I (SE)	

Research / Project Work

7.1 Ph.D. Work:

7.2. PG Project Work:

Project Title: Fatigue Finite Element Analysis of Air Receiver for Pressure & Acceleration Loading.

Summary: The objective of the analysis is to check fatigue life & stress levels of the Air Receiver for cyclic pressure and impact loading. To achieve accuracy within a satisfactory level, a convergence study is conducted for the 3.5MPa pressure case. The model is analyzed with given data cases. (1) Data case 1 – Cyclic Pressure Service of 1.5 MPa to 3.5 MPa. (2) Data case 2 - Cyclic Pressure Service of 0 to 3.5 MPa. (3) Data case 3 – Vertical acceleration of +/- 3g.

Project Guide: Prof. V.G. Bhamare, Assistant Professor, Dept. of Mechanical Engineering, SND COE & RC, Nasik.

7.3. UG Project Work Group Guides:

- ❖ **2022-2023: 01**
- ❖ **2021-2022: 02**
- ❖ **2020-2021: 02**
- ❖ **2019-2020: 03**
- ❖ **2018-2019: 04**
- ❖ **2017-2018: 03**
- ❖ **2016-2017: 02**
- ❖ **2015-2016: 02**
- ❖ **2014-2015: 03**
- ❖ **2013-2014: 02**
- ❖ **2012-2013: 01**

7.4 PG Student Guided:

- ❖ **2023-2024: 01**
- ❖ **2022-2023: 02**
- ❖ **2021-2022: 02**
- ❖ **2020-2021: 02**
- ❖ **2018-2019: 01**

Indian Patent Publication / Granted:

PATENT 1: Status: Publication

Application No.: 202321085296 A

Date of filing of Application: 14/12/2023

Publication Date: 26/01/2024

Title of the invention: A SMART SEAT BELT SYSTEM AND A METHOD

Name of Applicant: 1) Tushar Dinkar Kadam, 2) Megha Mahesh Patil 3) Megha Shinde 4) Dr Bandana Mahapatra
5) **Vijay Dilip Kolate**

PATENT 2: Status: Publication

Application No.: 202421013641 A

Date of filing of Application: 26/02/2024

Publication Date: 19/04/2024

Title of the invention: A SYSTEM AND METHOD FOR ENHANCING MOTOR VEHICLE SAFETY AND PROVIDING EMERGENCY ASSISTANCE

Name of Applicant: 1) Tushar Dinkar Kadam, 2) **Prof. Vijay Kolate** 3))Dr. Jayshree Jagdale 4) Dr. Akbar Ahmad 5) Dr. Sumit Dubal

International Patent Publication / Granted

PATENT 1: UK Design Patent: Grant

Design Number: 6339785

Grant Date: 15/02/2024

Registration Date: 16/01/2024

Title of the invention: Safety Strap for Children

Name of Applicant: 1) Tushar Dinkar Kadam, 2) **Prof. Vijay Kolate** 3) Prof. Megha Patil 4) Dr Jayashree Jagdale
5) Megha Shinde 6) Shubhangi Sawant

9. Paper Published:

International/National Journal

- ❖ **Kolate, Vijay Dilip, P. D. Darade, Harshada Deshmukh, and S. R. Patil. 2023. "Emerging Technologies in Displacement Amplification of Lever and Bridge-Type Compliant Mechanism: A Review Article." *Journal of Physics: Conference Series* 2601.**
- ❖ **Kolate, Vijay Dilip, and P D Darade. 2023. "Design, Analysis & Implementation of Mechanical Fixture With Ball Screw for Double Bridge Type Compliant Mechanism." *Journal of Xidian University* 17 (6): 131–38.**
- ❖ **Kore, Sandeep Sadashiv, Manoj Kumar Chaudhary, Adhikrao Sarjerao Patil, and Vijay Dilip Kolate. 2023. "Computational Study and Enhancement of Heat Transfer Rate by Using Inserts Introduced in a Heat Exchanger." *Journal of Advanced Research in Fluid Mechanics and Thermal Sciences Journal* 1 (1): 16–29.**
- ❖ Gawade, Narayan, Vijay Kolate, and Abhishek Patange. 2022. "Tool Condition Monitoring of Single Point Cutting Tool Using Machine Learning Approach." *International Journal of Science Technology and Management* 11(04): 23–33.
- ❖ **Vijay Kolate, P D Darade; and Sandeep Awari, 2022. "A REVIEW ARTICLE ON DISPLACEMENT AND FORCE COMPLIANT MECHANISM AMPLIFIER." *International Journal of Mechanical Engineering* 7(3): 549–55.**
- ❖ **Kolate, Vijay, P D Darade, and Nikhil Jadhav. 2022. "A Review Paper on Compound Displacement Amplification Mechanism." *International Journal of Mechanical Engineering* 7(3): 245–57.**
- ❖ Moosa, Kazi; Inamdar, Ayesha;; Kolate, Vijay. 2022. "Design and Analysis of a Gearbox for an All-Terrain Vehicle." *International Journal of Science Technology and Management* 11(04): 10–22. http://ijirt.org/master/publishedpaper/IJIRT145834_PAPER.pdf.
- ❖ Mukaddam, Shams, Virendra Mudliyar, and Vijay Kolate. 2022. "LITERATURE REVIEW ON INTEGRATED HUB ROTOR FOR ALL-TERRAIN VEHICLE." *International Journal of Arts & Education Research* 11(2): 150–63.
- ❖ T. Edake, K. B. Gawali, and V. D. Kolate, "Fault Diagnosis of Spur Gearbox For Structural Health Monitoring," *J. Gujarat Res. Soc.*, vol. 21, no. 2, pp. 204–215, 2019.
- ❖ T. Edake, K. B. Gawali, Kolate, and V. D. Kolate, "Fault Diagnosis of Spur Gearbox For Structural Health Monitoring," *J. Emerg. Technol. Innov. Res.*, vol. 6, no. 6, pp. 35–41, 2019.
- ❖ B. Manurkar, V. D. Kolate, and K. B. Gawali, "Design and Development of Buffer by Analyzing Collision Force to Resist Jerk Impact on Crane Operator in EOT Crane With Cabin," *J. Emerg. Technol. Innov. Res.*, vol. 6, no. 6, pp. 279–284, 2019.
- ❖ V. D. Kolate and M. B. Charaple, "Static Structural Analysis and Optimization of Pneumatic Compressor Connecting Rod," 2017.
- ❖ V. D. Kolate and B. G. Hippargi, "Development of Transportation Structure of Industrial Trolley," *Int. J. Sci. Res.*, vol. 6, no. 6, pp. 1208–1211, 2017.
- ❖ V. D. Kolate, R. R. Kurup, and A. M. Latake, "Design and Development of Anti-Roll Back Mechanism," *Int. J. Sci. Res.*, vol. 6, no. 6, pp. 747–750, 2017.
- ❖ V. D. Kolate, B. C. Londhe, and A. B. Bhane, "Fatigue Finite Element Analysis of Pressure Vessel for Vertical Acceleration Loading," *Int. J. Emerg. Technol. Adv. Eng.*, vol. 5, no. 1, pp. 356–360, 2015.
- ❖ V. D. Kolate, B. C. Londhe, and A. B. Bhane, "Fatigue Finite Element Analysis of Air Receiver for Pressure Loading," *Int. J. Emerg. Technol. Adv. Eng.*, vol. 5, no. 1, pp. 352–355, 2015.
- ❖ B. Manurkar, V. D. Kolate, and K. B. Gawali, "Design and Development of Buffer by Analyzing Collision Force to Resist Jerk Impact on Crane Operator in EOT Crane With Cabin," *J. Gujarat Research Soc.*, vol. 21, no. 2, pp. 238–249, 2019.
- ❖ Bhamare Dipak Sanjay, Bhosle Rahul Bhausaheb, Dhage Dipak Ramesh, Shinde Minakshee Ravsaheb, 5 Prof. Kolate V.D., Prof.Ghodake A.P., "International Journal Of Engineering, Education And Technology (ARDIJEET)", www.ardigitech.in (ISSN 2320-883X, VOLUME 3, ISSUE 2, 01/04/2015)

International/National Conference:

- ❖ Vijay Kolate, P D Darade and Sandeep Awari has participated and Published his/her paper on "A REVIEW ARTICLE ON DISPLACEMENT AND FORCE COMPLAINT MECHANISM AMPLIFIER", "International Multidisciplinary Conference on Research Technology and Engineering (ImCReTE 2022)" on the 7th and 8th April 2022 at Trinity Academy of Engineering, Pune.
- ❖ Vijay Kolate, P D Darade and Nikhil Jadhav has participated and Published his/her paper on "A Review Paper on Compound Displacement Amplification Mechanism", "International Multidisciplinary Conference on Research Technology and Engineering (ImCReTE 2022)" on the 7th and 8th April 2022 at Trinity Academy of Engineering, Pune.
- ❖ Narayan Gawade, Vijay Kolate, Abhishek Patange has participated and Published his/her paper on "Tool Condition Monitoring of Single Point Cutting Tool Using Machine Learning Approach", "International Multidisciplinary Conference on Research Technology and Engineering (ImCReTE 2022)" on the 7th and 8th April 2022 at Trinity Academy of Engineering, Pune.
- ❖ Shams Mukaddam, Virendra Mudliyar, Vijay Kolate has participated and Published his/her paper on "LITERATURE REVIEW ON INTEGRATED HUB ROTOR FOR ALL-TERRAIN VEHICLE", "International Multidisciplinary Conference on Research Technology and Engineering (ImCReTE 2022)" on the 7th and 8th April 2022 at Trinity Academy of Engineering, Pune.
- ❖ Mr. Moosa Kazi, Miss. Ayesha Inamdar, Mr. Vijay Kolate has participated and Published his/her paper on "Design Analysis and Development of Integrated Hub and Rotor for All-Terrain Vehicle", "International Multidisciplinary Conference on Research Technology and Engineering (ImCReTE 2022)" on the 7th and 8th April 2022 at Trinity Academy of Engineering, Pune.
- ❖ Mr. Vijay D. Kolate and Dr. Sharad S. Mulik has Participated / Presented a Review article entitled " MEMS-based and Multistage Displacement Amplification of Compliant Mechanism: A Review "International Conference on Intelligent Mechanical Systems for Industry 4.0 (ICIMSI-2021) on 26th - 27th, February, 2021 at Department of Mechanical Engineering, GHRCEM, Wagholi Pune.
- ❖ Mr. Vijay D. Kolate and Dr. Sharad S. Mulik has Participated / Presented a paper entitled "Recent Trends in Mechanical Compliant Mechanism Amplifier: A Review Article" in National E-Conference on Research and Developments in Mechanical Engineering (NCRDME-2020) during 26th - 27th, June, 2020 at Department of Mechanical Engineering, GHRCEM, Wagholi Pune.

10. FDP/SEMINARS/WORKSHOPS/STTPS ATTENDED:

10.1 ATAL FDP:

- ❖ Vijay D. Kolate, Assistant Professor of Trinity Academy of Engineering, Pune. participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on **"3D PRINTING AND DESIGN"** from **20/09/2021 to 24/09/2021** at Sardar Patel College of Engineering Mumbai.
- ❖ Vijay D. Kolate, Assistant Professor of Trinity Academy of Engineering, Pune. participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on **"Developing Effective Research Skills"** from **09/08/2021 to 13/08/2021** at PES College of Engineering
- ❖ Vijay D. Kolate, Assistant Professor of Trinity Academy of Engineering, Pune. participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on **"Artificial Intelligence in Design and Manufacturing"** from **2021-7-26 to 2021-7-30** at Shri G.S. Institute of Technology & Science, Indore.
- ❖ Vijay D. Kolate, Assistant Professor of Trinity Academy of Engineering, Pune. participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on **"Advancements in Computational Fluid Dynamics using FLUIDYN"** from **2021-06-07 to 2021-06-11** at Alliance University.
- ❖ Vijay D. Kolate, Assistant Professor of Trinity Academy of Engineering, Pune. participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on **"Sensors Technology"** from **2020-11-3 to 2020-11-7** at the Department of Physics, The University of Burdwan.
- ❖ Vijay D. Kolate, Assistant Professor of Trinity Academy of Engineering, Pune. participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on **"Control Systems & Sensors Technology"** from **2020-8-17 to 2020-8-21** at Government College of Engineering, Srirangam.

10.2 NPTEL Course and FDP

- ❖ **"Entrepreneurship and IP Strategy"**, 08 Weeks, **Jul-Sept 2021**, Successfully Completed Course and Faculty Development Program with a consolidated score of **72% (Elite)**.
- ❖ **"Industrial Automation and Control"**, 12 Weeks, **Jan-Apr 2020**, Successfully Completed with a consolidated score of **71% (Elite)**.
- ❖ **"Introduction to Research"**, 08 Weeks, **Aug-Oct 2019**, Successfully Completed with a consolidated score of **56%**.
- ❖ **"Teaching and Learning in Engineering"**, 04 Weeks, **Feb-March 2019**, Successfully Completed with a consolidated score of **54%**.

10.3 AICTE FDP/SEMINARS/WORKSHOPS/STTP:

- ❖ **MR. KOLATE VIJAY DILIP** of TRINITY ACADEMY OF ENGINEERING has successfully participated in IP Awareness/Training program under the NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION on **April 29, 2022**, Jointly Organized by the Intellectual Property Office and MoE's Innovation Cell, India.
- ❖ **Mr. Vijay D Kolate** from Trinity Academy of Engineering, Pune has participated and successfully completed the 5-day online FDP on the theme **"Inculcating Universal Human Values in Technical Education"** organized by All India Council for Technical Education (**AICTE**) from **11th April, 2022 to 15 th April, 2022**.
- ❖ VIJAY D. KOLATE, Assistant Professor in Mechanical Engineering Trinity Academy of Engineering, Pune, Maharashtra Participated in the Online Training Programme on **"Solar, Wind and BioEnergy Applications"** Conducted by **NITTTR** Institute from **27.09.2021 to 01.10.2021 (One Week)**.
- ❖ Mr.Vijay Dilip Kolate, Trinity Academy of Engineering, Pune, has attended **two weeks Short Term Training Program (STTP)** on "Advances and Applications of Artificial Intelligence and Machine Learning (AI&ML) approved by **AICTE-ISTE**, held during **22nd November 2021 to 2nd December 2021**, organized by SITEs Sinhgad college of Engineering, Pune, Maharashtra.
- ❖ Vijay Dilip Kolate of Trinity Academy of Engineering, Pune. has attended One Week National Level Workshop on **"Digital Transformation & Pedagogies"** organized during August **10-14, 2020**, by Government College of Engineering, Karad & Walchand College of Engineering, Sangli, **Sponsored by AICTE, New Delhi & TEQIP III**).
- ❖ Vijay D. Kolate has participated in the **AICTE AQIS** Sponsored Short Term Training Programme on **"Moral, Ethics and Values in Education"** organized by the Department of Information Technology at Government Polytechnic, Nagpur conducted between **7th Sept 2020 - 12th Sept. 2020**.
- ❖ VIJAY KOLATE from TRINITY ACADEMY OF ENGINEERING, PUNE., PUNE participated in the 4-day Online Course on **Examination Reforms** conducted from **29 April to 2 May 2020 organized by AICTE**.
- ❖ VIJAY DILIP KOLATE of TRINITY ACADEMY OF ENGINEERING, PUNE. has attended a one-week online Faculty Development Program on **"OUTCOME BASED EDUCATION: A STEP TOWARDS EXCELLENCE"** from **11-15 May 2020** under the **Margdarshan Scheme of AICTE, New Delhi**.

10.4 Other FDP/SEMINARS/WORKSHOPS/STTP:

- ❖ Mr VIJAY DILIP KOLATE, Trinity Academy of Engineering, Pune. for participating in a **one-week** faculty development program on **"Learning through the virtual lab for Technical institutes"** held on **18th - 22nd October 2021**, organized by Lendi Institute of Engineering and Technology in association with NIT Surathkal.
- ❖ Mr Vijay D. Kolate, for successfully completing **one day** workshop on **"Technical Writing: Tips, Tricks and Tools"** at JIS University in association with Institutions Innovation Council.
- ❖ Vijay D. Kolate Has completed the **"Faculty Awareness Programme on Outcome Based Education (OBE) and NBA Accreditation"** organized by Sinhgad Institute of Technology and Science, Narhe, Pune on **4-5-2020**.
- ❖ Vijay Dilip Kolate has actively participated in and successfully completed a one-week faculty development program on **"Effective Proposal Writing for Research and Funding"** organized by Sandip Institute of Technology & Research Center, Nashik In association with IEEE Women in Engineering from **13th May to 18th May 2020**.
- ❖ Kolate Vijay Dilip For successful completion of **one week** Online **Research Methodology** Workshop held from **29th June to 04th July 2020** Organized by G H Raison College of Engineering and Management, Pune.
- ❖ Kolate Vijay Dilip Has Attended **One Week** Workshop on **" MOODLE LEARNING MANAGEMENT SYSTEM "** held from **4 May 2020 to 9 May 2020** Jointly Organized by AKHIL BHARATIYA MARATHA SHIKSHAN PARISHAD'S ANANTRAO PAWAR COLLEGE OF ENGINEERING & RESEARCH, PARVATI, PUNE IIT Bombay Remote Center ID - 1431 & IN ASSOCIATION WITH SPOKEN TUTORIAL, IIT BOMBAY.
- ❖ Kolate Vijay Dilip has participated in the **One Week** Online Faculty Development Program entitled **"OpenFOAM"** Organized by the Department of Mechanical Engineering Sinhgad Institute of Technology and Science, Narhe, Pune-41 in association with Spoken Tutorial, IIT Bombay from **13th May 2020 to 17th May 2020**.
- ❖ Mr. Vijay Dilip Kolate Of Trinity Academy of Engineering, Pune. has participated in an online webinar on **" How to Get Published In Scientific Journal: From Research to Publication "** on **27/04/2020** from 4 PM to 5 PM hosted by **MHRD - Institute Innovation Council** - Sri Sai Ram Institute of Technology, Chennai -44, Tamilnadu.
- ❖ Attended Two Day Workshop on "FFT Analyser: A tool for Measurement and analysis of vibration parameters held at Pravara Rural College of Engineering, Loni, on **30th Jan. – 31st Jan., 2015**.
- ❖ Attended Two Day Workshop on 'Condition monitoring of machines by using FFT Analyser held at SRES College of Engineering, Kopergaon.
- ❖ Attended Two Days State Level Seminar on 'Artificial Neural Network' Conducted by Department of Mechanical Engineering & ETC held at SND College of Engineering and RC, Yeola, **8th March – 9th March 2013**.
- ❖ Attended Two days Latex Workshop held at Matoshri College of Engineering and Research Centre, Nasik, **28th – 29th Dec, 2012**.
- ❖ Attended a five Days Workshop on the Manufacturing of Line Sensing ROBOT.

10.5 Syllabus Implementation W/S:

- ❖ Mr. Vijay D Kolate, Trinity Academy of Engineering, Pune, for participating in the "Syllabus Implementation Workshop" for the course name "**Dynamics of Machinery (402042)**" from **27th July to 30th July 2022** organised at the Department of Mechanical Engineering, Dr. D. Y. Patil Institute of Technology, Pimpri, Pune-18
- ❖ Mr. Vijay D Kolate, Trinity Academy of Engineering, Pune, has participated in "Syllabus Implementation Workshop" for the course name of "**Design of Heat Transfer Equipment**" from **6th August to 8th August 2022** organised at the Department of Mechanical Engineering, Dr. D. Y. Patil Institute of Technology, Pimpri, and Trinity Academy of Engineering, Pune.
- ❖ Mr. Vijay D Kolate, Trinity Academy of Engineering, Pune, for participating and Successfully attending a three-day workshop "Syllabus Implementation for the course "**Experimental Methods in Thermal Engineering**" from **29th July to 31st July 2022** organised at the Department of Mechanical Engineering, Parvatibai Genba Moze College of Engineering, Wagholi, Pune.
- ❖ Mr. Vijay D Kolate, Trinity Academy of Engineering, Pune for participating in the "Syllabus Implementation Workshop" on the subject of "**Heating Ventilation Air Conditioning and Refrigeration**" from **28-31 July 2022** organised at Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering and Technology, Baramati.
- ❖ **VIJAY D KOLATE** from TRINITY ACADEMY OF ENGINEERING, PUNE. has participated in the syllabus Implementation workshop on the subject "Automobile Design" organised by the Department of Mechanical Engineering, Smt. Kashibai Navale College of Engineering, and Pune.

11. Achievements/ Award:

- ❖ **Mr Vijay D. Kolate**, KJEI's Trinity Academy of Engineering, Pune has been **awarded a Certification of Appreciation** in recognition of his/her role as a **mentor** for the NPTEL online certification Course on "**Engineering Graphics and Design**" in **Jan-April 2022**
- ❖ **Mr Vijay D. Kolate**, KJEI's Trinity Academy of Engineering, Pune has been awarded "**Trinity Distinct faculty of the year 2022**" on 26th January 2022.
- ❖ **Mr Vijay D. Kolate**, KJEI's Trinity Academy of Engineering, Pune has been **awarded a Certification of Appreciation** in recognition of his/her role as a **mentor** for the NPTEL online certification Course on "**Entrepreneurship and IP Strategy**" in **July-Sept. 2021**

Invited Talks/Judge/Resource Person:

Mr Vijay D. Kolate was invited as a Technical Session Chair for the "International Multidisciplinary Conference on Research Technology and Engineering (ImCReTE 2022)" on the 7th and 8th April 2022 at Trinity Academy of Engineering, Pune.

Software Skills:

- ❖ Certified course PRO-E V5.
- ❖ ANSYS V10.

HOBBIES:

- Reading
- Meditation
- Playing Cricket.

References:

- ❖ **Dr. Suhas P. Deshmukh**, Associate Professor, Mechanical Engineering Department, Government College of Engineering, Karad Mobile No.91-9657795507 , E-mail: suhas.deshmukh@gmail.com
- ❖ **Prof. Sharad S .Mulik**, Dean Academics & H.O.D. Mechanical , RMD Sinhgad School of Engineering, Warje, Pune, Maharashtra. Mobile No.91-9850992250, E-mail:sharadmulik@gmail.com

I, hereby, declare that the information furnished above is true to the best of my knowledge.

Date:

(Mr. Vijay D. Kolate)

Contact me at

Mr. Vijay D. Kolate
A/P: Pisarve, Tal: Purandar,
Dist.: Pune. (412104)
Phone:-- 91-9096272183
E-Mail: - vijaykolate1989@gmail.com