



CURRICULUM VITAE

VIVEK S. NARNAWARE

(Mobile No. 9923971788, Email: viveksn79@gmail.com)

Working as an Assistant Professor in the Department of Mechanical Engineering, SJCEM Palghar

Total Experience: [17 Years, Teaching: 15 Years; Industrial 2 Years]

M.Tech. (Industrial Engineering, VNIT Nagpur)

B.E. (Production Engineering, Nagpur University)

Certified course on Piping Engineering (IIT Bombay)

Lifetime Membership of ISTE (LM 117487)

Personal Details

Date of Birth : 16th November 1979.

Nationality : Indian

Marital Status and Family : Married (4 members, Myself, Wife, Son and Daughter)

Language Known : English, Hindi, Marathi.

Residential Address: Flat No. 207, Building No.: A-2, Phase-I, VBHC Residential Township, Off Palghar-Manor Road, Abachapada, Desktop, Palghar (East), Dist: Palghar (Mah.) 401405

Permanent Address: 37-B, Rushikesh Town, Near Yashodhara Lawn, Bhilgaon Nagpur-Kamptee Road, Tehsil: Kamptee, Dist: Nagpur (Mah.)-440026

OBJECTIVE: A successful career in renowned leading organization that utilizes my inherent qualities and acquires capabilities for the advancement of it and at the same time fosters my growth, both professional and personnel.

AREAS OF INTEREST: 1. Production Engineering, 2. Industrial Engineering, 3. Piping Engineering, 4. Materials and Metallurgy, 5. Rapid Prototyping 6. CNC and Robotics 7. CAD/CAM/CAE, 8. Automation and Artificial Intelligence, Machine Learning 9. Data Science with Python, 10. Business and Operations Analytics, 11. Industry 4.0 and Industrial IoT, 12. Biomaterials and Tissue Engineering

EDUCATIONAL QUALIFICATION:

- ❖ Passed first class M.Tech. "Industrial Engineering" from Visvesvaraya National Institute of Technology (V.N.I.T.) Deemed University, Nagpur in August 2004 (Percentage 67.90%)
- ❖ Passed first class B.E. "Production Engineering" from Manoharbai Patel Institute of Engineering and Technology", (M.I.E.T.) Gondia, Nagpur University in March 2002 (Percentage 68.16%)
- ❖ Passed first class HSC Science from Seth Kesarimal Porwal College, Kamptee, Maharashtra State Board, Nagpur Division on 7th June 1997 (Percentage 61.00%)
- ❖ Passed SSC with Distinction from Avinash Highschool Kamptee, Maharashtra State Board, Nagpur Division on 30th June 1995 (Percentage 81.28%)

THESIS SUBMITTED:

- ❖ M. Tech.: "Implementation of Reliability Centered Maintenance In Air Compressor Unit"
- ❖ B. E.: "A manufacturing of super enameled copper wire: a technical study".

ACHIEVEMENTS

1. Received eMEDHA 2021 Innovative Solution Award as member of (Team no. 10) held online during 08th May to 16th May 2021 by BETIC, IIT Bombay.
2. Principal Investigator of Minor Research Proposal (MRP) on which sanctioned the grant of Rs25000/- submitted to University of Mumbai during academic year 2018-19. Minor Research Proposal Poster Presentation on Research Project Design and Fabrication of Spray Painting Robot with Six Degree of freedom.
3. Passed Maharashtra State Elementary and Intermediate Drawing Examinations.

PROFESSIONAL COURSE: Certificate course on Piping Engineering conducted by Piping Engineering Cell, IIT Bombay during May 2007.

DESIGN SOFTWARES: Certificate course on Master Diploma in Modeling and Analysis at CADD Centre, Pune during January to September 2007 in softwares as AutoCAD, Pro-E, CATIA, MSC Nastran, Ansys.

TEACHING EXPERIENCE: (Teaching: 15 Years):

- ❖ Working as an Assistant Professor in the Department of Mechanical Engineering at St. John's College of Engineering & Management, Palghar from 4th July 2016 to till date.
- ❖ Worked as a Lecturer in Department of Mechanical Engineering at Dr. Babasaheb Ambedkar College of Engineering and Research, Wanadongri Nagpur from 4th July 2012 to 13th June 2016
- ❖ Worked as an Asst. Professor from 1st June 2011 to 10th April 2012 and as a Lecturer from 17th July 2010 to 09th April 2011 in Department of Mechanical Engineering at Priyadarshini College of Engineering, Hingna Road Nagpur.
- ❖ Worked as a Lecturer in Department of Mechanical Engineering at Nagpur Institute of Technology, Katol Road Nagpur from 8th June 2009 to 20th July 2010.

INDUSTRIAL EXPERIENCE: (Industry: 2 Years):

Skills Acquired: Worked as Project Engineer on technical and commercial aspects of the assigned project, Leadership, Site Study, Checking Isometric, P&ID, Equipment Layout, General arrangement, Preparation and Checking of Bulk, Final M.T.O.

- ❖ Worked as a "Project Engineer (Equipment Installation & Piping)" in Weld-Tech Engineers (I) Pvt, Ltd, Goregaon (East) Mumbai from June 2008 to June 2009.
- ❖ Worked as a "Piping Lead Engineer" in Central Engineering Services, Thane (East) from Jan 2008 to June 2008.

Organization and Project worked are mentioned below:

1. Worked with Research Support International Limited, Thane Site for utility Piping Project.
2. Worked with Reliance Industries Limited, Patalganga Site for Ethylene Glycol Ejector System Project.
3. Worked with IIT Powai for Essar Project
4. Worked with Deepak Fertilizers MIDC Talaja, Navi Mumbai

SUBJECT TAUGHT: Industrial Engineering and Management, Materials and Metallurgy, Operations Research, Project Management, Optimization Techniques, Industrial Management, CADM, Robotics, Automation and Artificial Intelligence, 3D Printing Honors course, Product Design & Development, Industrial Economics and Entrepreneurship Development, Production Processes-II, Fluid Power Engineering, Strength of Materials, etc.

SUBJECT RELATED COURSE:

- ❖ NPTEL Online Course on "Project Management" during February – April 2025
- ❖ NPTEL Online Course on "Cloud Computing" during January – April 2024
- ❖ NPTEL Online Course on "Business Fundamentals for Entrepreneurs (Part 2: External Operations)" during February-March 2024
- ❖ NPTEL Online Course on Cloud Computing during January – April 2024
- ❖ Online Certificate course on "Hands on AI for real World Applications", organized by IIT Kharagpur during 02/09/2023 to 02/12/2023
- ❖ NPTEL Online Course on "Data Science with Python" during January –April 2023.
- ❖ Global Online Certification Course on "Business and Operations Analytics 2022" conducted by the National Institute of Industrial Engineering (NITIE), Mumbai from 12/02/2022 to 13/03/2022.
- ❖ NPTEL Online Course on "Introduction to Industry 4.0 and Industrial Internet of Things" in the year of 2021.
- ❖ Online Certificate Course on Foundation Course on "Industrial Robotics and Low Cost Automation", PMS Robotics, Research Centre Pune during 20th June to 27th June 2020.
- ❖ NPTEL Course on "Heat Treatment Processes – Part-II" during the year of 2017.
- ❖ NPTEL Course on "Mechanisms and Robot Kinematics" during the year of 2017.
- ❖ Computer Courses and Programming Language: CPISM, C Programming Language, C++.

MEMBERSHIP OF PROFESSIONAL BODIES: Lifetime Membership of ISTE (LM 117487)

RESEARCH PUBLIC ATIONS:

Sr. No.	Research Paper Published / Presented	International	National
1	Journal Papers: 10	10	Nil
2	Conference Papers: 09	07	2

RESEARCH PAPER PUBLISHED(Total: 10)

1. Research Paper on Environmental Monitoring on topic titled " A Survey on Environment Monitoring using Sensor, Asian Journal of Convergence in Technology, ISSN NO: 2350-1146 I.F-5.11, Volume VI Issue III,PP 95-99
2. Research Paper on Robots with 6 Degrees of Freedom on topic Design, Fabrication And Testing of 6 DOF, Spot Welding Robotic Arm, International Journal of Scientific Development and Research (IJS DR), April 2018 IJS DR | Volume 3, Issue 4,PP 314-318, (Journal Impact Factor:5.47)
3. Research Paper on Biomaterials on topic "Metallic Biomaterials For Human Body Implant: A Review Study", ISSN: 2455-2631, June 2017 IJS DR | Volume 2, Issue 6, PP 220-229. (Journal Impact Factor:5.47)
4. Research Paper on Solar Energy on topic "Solar And Wind Powered Hybrid Vehicle Prototype" in International Journal of Scientific Development and Research (IJS DR) ISSN: 2455-2631, April 2016 IJS DR | Volume 1, Issue 4, PP 235-239(Journal Impact Factor: 5.47)
5. Research Paper on topic "A Manufacturing of Super Enameled Copper Wire -A Technical Study". is published in International Journal of Mechanical And Production Engineering, ISSN: 2320-2092, Special Issue-1, June-2015, pp151-155, (Journal Impact Factor:2.56).
6. Research Paper published on topic " Synthesis of Aluminium Nitride by Sol Gel Method" in International Journal of Mechanical And Production Engineering, ISSN: 2320-2092, Special Issue-1, June-2015, pp146-150, (Journal Impact Factor: 2.56).
7. Research Paper published on topic "Design & Fabrication of Four Wheeler Opening Spanner", in IJS DR - International Journal for Scientific Research & Development, Vol. 3, Issue 02, 2015, PP 1569-1570.
8. Research Paper published on topic "Use of Perforated Fins as a Natural Convection Heat Transfer- A Review" in International Journal of Current Engineering and Technology E-ISSN 2277 – 4106, P-ISSN 2347 – 5161. International Journal of Current Engineering and Technology, Special Issue-2 (Feb 2014), (Journal Impact Factor: 2.1).
9. Paper published on topic "Implementation of Reliability Centered Maintenance in Air Compressor Unit" in International Journal of Mechanical Engineering and Technology (IJMET), ISSN 0976 – 6340 (Print),ISSN 0976 – 6359 (Online), Volume 5, Issue 1, January (2014), pp. 26-32 .(Journal Impact Factor :7.5377).
10. Paper published on topic" Optimization of Effective Parameter of Jatropha Biodiesel Using Taguchi Method and Performance Analysis Using CI Engine" International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-3, Issue5, October 2013, (Journal ImpactFactor:3.48)

RESEARCH PAPER PRESENTED IN CONFERENCE (Total: 07)

1. Research Paper presented in ICRAMEN 2025 conference on topic" Comparative study of CFD simulation of flow boiling in heated pipe and sub-channel of Nuclear reactor" held in St. John College of Engineering and Management, Palghar at on dated 17th May 2025.
2. Research Paper presented in ICRAMEN 2025 conference on topic "Design and Analysis of Conical Shape Receiver through Parabolic Trough Collector" held in St. John College of Engineering and Management, Palghar at on dated 17th May 2025.
3. Research Paper presented in IEEE conference on Environmental Monitoring on topic A Survey on Environment Monitoring using Sensor held in Nagarjuna College of Engineering, Bangalore at on dated 6th November 2020,
4. Research Paper presented in TechEd-15,an International Conference on Science, Technology and Mathematics Education on 22nd April 2015, on topic "A Manufacturing of Super Enameled Copper Wire -A Technical Study".
5. Research Paper presented in TechEd-15,an International Conference on Science, Technology and Mathematics Education on 22nd April 2015 on topic " Synthesis of Aluminium Nitride by Sol Gel Method".
6. Conference Paper on topic "Implementation of Reliability Centered Maintenance in Air Compressor Unit" in International Conference 1st International Conference on Mechanical Engineering Emerging Trends for Sustainability (IC MEETS – 2014), January 29th -31st, 2014 VOLUME - II, Organized by

Department of Mechanical Engineering Maulana Azad National Institute of Technology BHOPAL – 462 051, Madhya Pradesh, India pp. 744-751 .

7. Paper presented on topic “Powder Metallurgy and its Applications in Various Fields” at all India Technical Symposium, a competition held under “BrainWaves-2014” sponsored by ISTE during March 13-14, 2014 at J.D. College of Engineering & Management, Nagpur.
8. Paper presented on topic “Maintenance Technologies and Their Selection in a Plant” at all India Technical Symposium, a competition held under “BrainWaves-2014” sponsored by ISTE during 13th to -14th March, 2014 at J.D. College of Engineering & Management, Nagpur.
9. Research Paper presented on topic “Review paper on Enhancement of Heat Transfer Forced Convection from Cylinder By Using Permeable fins” in 2nd International Conference on “Recent Trends in Engineering & Technology” (ICRTET’ 2013) held during 22nd to 24th February 2013 sponsored by IJEST at SNJB’s LSKBJ College of Engineering, Neminagar, Chandwad, Dist Nasik, Maharashtra, India.

STTP / WORKSHOP/ONLINE WEBINAR PARTICIPATION:: (Total: 32)

Sr. No	Activity	Conducted	Organized	Attended
1	STTP/FDP	--	03	37
2	Workshop	03	Nil	12
3	Webinar	--	--	09
4	ISTE Events	--	10	11

STTP ORGANIZED

1. Organized as a coordinator of One Week Online Short Term Training Program (STTP) Approved by ISTE on title “Advances in Manufacturing in the Context of Industry 4.0” organized by Department of Mechanical Engineering, SJCEM Palghar during 03/02/2025 to 07/02/2025.
2. Organized and attended one week Short Term Training Program (STTP) on “Emerging Trends in Mechanical Engineering”, conducted during 27th April- 02nd May 2015, organized by the Department of Mechanical Engineering, Dr. Babasaheb Ambedkar College of Engineering and Research (D.B.A.C.E.R.), Nagpur.
3. Organized and attended Short Term Training Program (STTP) on “Recent Advancement in Manufacturing Technology”, conducted during 16th to 20th June 2014, organized by the Department of Mechanical Engineering, Dr. Babasaheb Ambedkar College of Engineering and Research (D.B.A.C.E.R.), Nagpur.

STTP / FDP PARTICIPATION:

- ❖ Participated and successfully completed the 3-day Face-to-Face FDP on the theme “**Inculcating Universal Human Values in Technical Education**” organized by All India Council for Technical Education (AICTE) at St. John College of Engineering and Management, Palghar from 16th to 18th February 2025.
- ❖ Participated and successfully completed One Week Online Short Term Training Program (STTP) Approved by ISTE on title “**Advances in Manufacturing in the Context of Industry 4.0**” organized by Department of Mechanical Engineering, SJCEM Palghar during 03/02/2025 to 07/02/2025.
- ❖ Participated and successfully completed One Week Online Short Term Training Program (STTP) Approved by ISTE on “**Advanced Feature of AI for futuristic world**” organized by SJCEM Palghar during 13/01/2025 to 17/01/2025.
- ❖ Participated and successfully completed NPTEL-AICTE Online Faculty Development Program (Funded by the Ministry of HRD, Govt. of India).This certificate was awarded for NPTEL Online Course on “**Cloud Computing**” during January – April 2024
- ❖ Participated and successfully completed NPTEL-AICTE Online Faculty Development Program (Funded by the Ministry of HRD, Govt. of India).This certificate was awarded for NPTEL Online Course on “**Business Fundamentals for Entrepreneurs (Part 2: External Operations)**” during February-March 2024
- ❖ Participated and successfully completed Five days Online Faculty Development Program sponsored by AICTE and ATAL skill development program on “**Advanced Data Analytics Applications with cloud**” organized by Edunet Foundation during 18 /12/2023 to 22/12/2023.
- ❖ Participated and successfully completed NPTEL-AICTE Online Faculty Development Program (Funded by the Ministry of HRD, Govt. of India).This certificate was awarded for NPTEL Online Course on “**Data Science with Python**” during January –April 2023.

- ❖ Five days FDP on “ **Python for Mechanical and Civil Engineering** ” at St. John College of Engineering and Management (SJCEM) Palghar from 04/07/2022 to 09/07/2022
- ❖ Successfully completed the 'Global Online Certification Course on “**Business and Operations Analytics 2022**” conducted by the National Institute of Industrial Engineering (NITIE), Mumbai, in association with Prof. David Simchi-Levi (Director, Data Science Lab and Professor - Business and Supply Chain Analytics at Massachusetts Institute of Technology (MIT), USA) from 12/02/2022 to 13/03/2022.
- ❖ Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on “**Transforming Supply Chains with Analytics**” from 06/12/2021 to 10/12/2021 at Indian Institute of Technology (BHU) Varanasi.
- ❖ Participated and successfully completed NPTEL-AICTE Online Faculty Development Program (Funded by the Ministry of HRD, Govt. of India). This certificate was awarded for Online Course on “**Introduction to Industry 4.0 and Industrial Internet of Things**” from July to Oct 2021.
- ❖ Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on “ Statistical Foundation of Data Science and Machine Learning” from 27/10/2021 to 31/10/2021 at Institute of Chemical Technology, Mumbai.
- ❖ Participated and successfully completed National Level Virtual Capacity Building Program on “Personal Finance –Enlightenment, Enrichment & Empowerment Towards Financial Prosperity for All” organized by Vidyaniketan Institute of Management (Dept. of MBA), from September 20/09/2021 to 26/09/2021.
- ❖ Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on “New Product Development using Advanced Layered Manufacturing” from 23/08/2021 to 27/08/2021 at Central Institute of Petrochemicals Engineering & Technology (CIPET),Korba.
- ❖ Participated in 2021 IEEE International Workshop on Optimization and Intelligence in Electronics Engineering Applications (IEEE OIEEA-2021), held during 26th -30th July 2021. organized by National Institute of Technology Silchar, India.
- ❖ Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Classical Optimization Techniques in Manufacturing systems" from 05-07 2021 to 09-07-2021 at Guru Nanak Institutions Technical Campus, Telangana.
- ❖ Attended Online Faculty Development Program on “Innovations enabling Industry 4.0” in association with IQAC,LTCE from 28th June to 30th June 2021.
- ❖ Participated in one week online STTP on " Embedded System Design" organized by VLSI Learning Centre of Electronics and Telecommunication Department in association with IETE of K.C. College of Engineering & Management Studies and Research, Thane (E) from 14th June 2021 to 19th June 2021.
- ❖ Participated in Medical Device Hackathon (eMEDHA) held online during 08th May to 16th May 2021 by BETIC, IIT Bombay.
- ❖ Faculty Orientation Program for the courses ‘Materials and Metallurgy’ and ‘Material Testing Lab’ of Mechanical Engineering & Automobile Engineering, Second Year - Semester III - Revised Syllabus 2019 -‘C’ Syllabus Scheme Organized by Agnel Charities’, Fr. C. Rodrigues Institute of Technology, Vashi on 22nd July 2020.
- ❖ Five Days Faculty Development Programme (FDP) on “**Research Techniques and Sustainable Developments In Mechanical Engineering**” Organized by Department of Mechanical Engineering, St. John College of Engineering and Management, Palghar from 29th June to 3rd July 2020
- ❖ One Week Online Faculty Development Program (FDP) on “Improving Communication Skills” Organized by SVERI’s College of Engineering (Polytechnic), Pandharpur from 28th June to 02nd July 2020.
- ❖ One Week Faculty Development Program on ‘Research Opportunities in Advanced Manufacturing Processes’ Organized by Department of Mechanical Engineering, Bharati Vidyapeeth (Deemed To Be University), College of Engineering, Pune from 22nd June to 28th June, 2020.
- ❖ An Online One Week State Level Faculty Development Program on “Emerging Trends in Refrigeration and Air Conditioning” Organized by Department of Mechanical Engineering, Rajarshree Shahu Maharaj Polytechnic, in association with ISHRAE Nashik Chapter. Nashik from 8th June to 12th June 2020.
- ❖ One week online Faculty Development Program, “Srujan-The way Ahead” based on “The Effective Techniques of Teaching and E-Commerce” Organized by Saraswati Institute of Technology Kharghar, Navi Mumbai from 1st June to 5th June 2020.
- ❖ A One-week FDP on "Implementation and Simulation of Electrical Engineering Applications using PLECS Tool" organized by Department Of Electrical And Electronics Engineering, Vaagdevi College of Engineering Bollikunta, Khila Warangal (Mandal), Warangal Urban-506 005 (T.S) From 25th to 29th May 2020.
- ❖ Two Weeks Faculty Development Programme on "**Managing Online Classes and Co-Creating MOOCS**" organized by Teaching Learning Centre-Ramanuj College, University of Delhi from 20th April to 06th May 2020.
- ❖ Participated in Six Days Faculty Development Programme on “Recent Trends in Internet of Things (IOT)”

during 10th -15th June 2019 held at SJCEM Palghar. This programme was sponsored by the IITDM Jabalpur, Ministry of Electronics & IT, Government of India.

- ❖ Faculty Orientation Program for the courses ‘Production Process of Mechanical Engineering & Automobile Engineering, Second Year - Semester IV- Revised Syllabus 2016 Syllabus Scheme Organized by DJSCE Vile Pale (West) .
- ❖ Attended FDP on **“Innovative Teaching Methodologies and Applications of Emotional Intelligence in Education”** on 10th February 2018 at GICED Kalina campus, University of Mumbai, Santacruz, Mumbai. MasterMyLife EQ Education Pvt. Ltd., partner of University of Mumbai’s organized by Garware Institute of Career Education & Development (GICED)
- ❖ Attended one week faculty development program on **“Robotics in Manufacturing Industries”** organized by COEP during 18th -22nd December 2017.
- ❖ Attended one week faculty development program on **“Design, Validation & Case Studies of machine Elements using ANSYS / Solidworks”** held during 3rd-7th July 2017 delivered by resource persons Mr. Amit Nirmal, Director PETI, Malad, Mr. Kiran Ghadyalaji, TSEC, Bandra.
- ❖ Attended one week Short Term Training Program (STTP) on **“Material Synthesis to Diverse Applications (MSDA-2014)”**, conducted during 18th to -22nd,December 2014, organized by the Department of Applied Physics, Visvesvaraya National Institute of Technology (V.N.I.T), Nagpur.
- ❖ Attended one week Short Term Training Program (STTP) on **“Research Methodology Including Mathematical Modeling, Computer Applications and Simulation”** A prerequisite for fulfillment of Ph.D., conducted during 26th to 31st December 2013, organized by the Department of Mechanical Engineering, Priyadarshini College of Engineering, Nagpur.
- ❖ Attended One week short term training course on **“Qualitative and Quantitative Approach to Enhance Teaching-Learning Process”**, approved by ISTE during 3rd December to 8th December 2012, organized at Dr.Babasaheb Ambedkar College of Engineering and Research (D.B.A.C.E.R.), Nagpur.

WEBINARS ATTENDED

1. Participated in the National Webinar on: **“Supply Chain Management: Importance & Functions”** organized by Sanathana Research and Training Institute in Association with Rotary Club of Mysore- West from 25th April 2021.
2. National level webinar on **“Mechatronics System Design”** organized by Department of Mechanical Engineering Vishwanathrao Deshpande Institute of Technology Haliyal, Uttarakannada Dist. Karnataka - 581329 held on 2nd July-2021.
3. attended Faculty Development Program on **“Innovations enabling Industry 4.0”** organized by Department Of Mechanical Engineering Lokmanya Tilak College Of Engineering Sector - 4, Vikas Nagar, Koparkhairane, Navi Mumbai , in association with IQAC,LTCE from 28th June to 30th June 2021.
4. Attended Noise vibration and harshness webinar series (Session 3) on **“Acoustic Material Testing and Characterization** organized by Department of Mechanical Engineering, Pimpri–Chinchwad College of Engineering, Nigdi, Pune on 13th June 2020.
5. Attended Outcome based Education Software organized by Vmedulife Software Services 04th June 2020.
6. 3-Day National Level Webinar Series on **“Research Techniques & Challenges”** organized by Shivajirao S. Jondhle College of Engineering & Technology and Shivajirao S. Jondhle Polytechnic, Asangaon from 26th-28th May 2020.
7. **“Teachers are Leaders (TRL)”** organized by IQAC- Bharati Vidyapeeth College Of Engineering, Navi Mumbai on 23rd May 2020.
8. **“Industrial Robotics and Low Cost Automation”** organized by PMS Robotics, Research Centre Pune on 15th May 2020.
9. Technical Webinar on **“Robotics using Simscape”** organized by Department of Electronics Engineering, Atharva College of Engineering, Malad-Marve Road, Charkop Naka, Malad (West), Mumbai-400095 09thApril, 2020.

WORKSHOPS CONDUCTED

Sr. No.	Topic of STTP/Workshop	Organization	Duration
1.	Workshop on 3D Printing FDM Technique	Department of Mechanical Engineering, St. John College of Engineering & Management, Palghar	Year 2022-23
2.	Workshop on CNC Mill Simulation and Machining	Department of Mechanical Engineering, St. John College of Engineering & Management, Palghar	Year 2016-17

3.	Workshop on Rapid Prototyping	Department of Mechanical Engineering, St. John College of Engineering & Management, Palghar	Year 2016-17
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WORKSHOP ATTENDED:

1. Participated in Three Days Online Workshop on “Navigating the research Article Publication Landscape from Writing to Publishing: Mastering the Academic Journey of Research” organized by Pimpri-Chinchwad College of Engineering from 14/03/2024 to 16/03/2024.
2. Participated in the workshop on “Engine Management System Workshop” delivered by Competence Factory private Ltd., Bengaluru, at St. John College of Engineering and Management, Palghar held on 12th to 14th October 2018.
3. Attended In-plant training program in Spinning, weaving department of Tata Mills, Dadar from 18/06/2018 to 25/06/2018.
4. Attended two days workshop on LaTeX under ISTE Faculty Chapter on 29th -30th January 2016 organized by Computer Science & Engineering Department. Dr. Babasaheb Ambedkar College of Engineering and Research (D.B.A.C.E.R), Nagpur.
5. Attended Two day workshop on “Advances in Explosive and Propellants (AEP-2015)”, conducted during April 17-18, 2015, organized by the Department of Chemical Engineering, Visvesvaraya National Institute of Technology (V.N.I.T), Nagpur.
6. Attended Two day workshop on “Application Oriented Microcontroller”, conducted during 22nd to 23rd June 2014, organized by the Department of Electrical Engineering, Dr. Babasaheb Ambedkar College of Engineering and Research(D.B.A.C.E.R.), Nagpur.
7. Attended Two day workshop on “E- Foundry : Casting, Design and Simulation”, conducted during 13th to 14th , December 2013, organized by CAD-CAM Centre, Department of Mechanical Engineering , Visvesvaraya National Institute of Technology (V.N.I.T), Nagpur.
8. Attended Three day workshop on “Emerging Trends and Applications of Solar Systems”, sponsored by AICTE, conducted during 5th to 6th December 2013, organized by the Department of Electrical Engineering, Yeshwantrao Chavan College of Engineering (Y.C.C.E.), Nagpur.
9. Attended Three day “Workshop on Engineering graphics Using AutoCAD”, conducted during 2nd to 4th January 2013, organized by Department of Mechanical Engineering, Yeshwantrao Chavan College of Engineering (Y.C.C.E.), Nagpur.
10. Attended Five day “Mission 10X workshop” conducted during 28th November to 2nd December 2011 organized by Priyadarshini College of Engineering Nagpur.
11. Two day workshop on Faculty Development Program (FDP) conducted during 3rd and 4th June 2010 at Nagpur Institute of Technology (N.I.T.), Nagpur.
12. Attended One day workshop on- “ Excellence in Engineering Teaching” sponsored by Indian Society for Technical Education (ISTE) conducted on 1st August 2009 at Gurunanak Institute of Engineering and Technology (G.N.I.E.T), Nagpur.

ISTE EVENTS ORGANIZED:

1. One day seminar on “Opportunities and Challenges for Next Generation Entrepreneurs” held on 13th February 2023 delivered by Mr. Kenneth DSouza, Founder of Gabriel Charitable Trust, Mumbai.
2. Online Expert lecture on “Case Studies in Dynamic Programming” on 19th November 2020 delivered by Dr. Satish N. Takalikar, Professor in Department of Mechanical Engineering at DJSCOE, Vile Parle West.
3. Online Expert lecture on “Integer Programming Problems” 05th November 2020, delivered by Mr. Prashant Ambadekar, Assistant Professor in the Department Mechanical Engineering, SIES Graduate School of Technology, Nerul Mumbai.
4. Guest lecture on Essentials of Industrial Maintenance on 24th January 2020, delivered by Mr. Shilpak Khadke, Assistant Manager, AYM Simtex Ltd. Boisar.
5. Guest Lecture on Industry 4.0, held on 24th January 2020 delivered by Dr. S. N. Teli, Associate Professor, Department of Mechanical Engineering, Bharati Vidyapeeth College of Engineering-Belapur, Navi Mumbai.
6. Workplace stress management held on 10th & 11th October 2019 delivered by Snehalata Athaide, Psychology counselor, SJCEM Campus, Palghar
7. Alumni Guest Lecture to Second year students on 10th October 2019. Mr. Aadesh Singh and Mr. Ajit Singh from M/s. Shiv Shakti Pvt. Ltd. Boisar.
8. An expert lecture on “Nano materials” held on 10th October 2019, delivered by Dr. (Ms.) Madhuri Khaparde , SJCEM, Palghar
9. One day seminar on Social Entrepreneurship held on 07th October 2019 delivered by Mr. KennethDSouza,

Founder of Gabriel Charitable Trust Mumbai.

B.E. PROJECT GUIDED:

S.N.	ACADEMIC YEAR	PROJECT TITLE
1.	AY 2024-25	Design and Analysis of Conical Shape Receiver through Parabolic Trough Collector.
2.	AY 2022-23	Case study on Automobile Components with the help of PLM software
3.	AY 2021-22	Design Fabrication and Testing of SCARA Robot for Pick and Place Operations in Pharmaceutical Industries.
4.	AY 2021-22	Survey and Analysis of Readiness of Industry 4.0 Concept in Food and Dairy Industries in India
5.	AY 2020-21	Development of Robotic Cart Prototype for Safe Disposal of Waste
6.	AY 2020-21	Development of A Low Cost Emergency Mechanical Ventilator
7.	AY 2020-21	Design & Fabrication of economical Hospital beds
8.	AY 2019-20	Design and fabrication of Surface Cleaning Robot
9.	AY 2019-20	Design And Development of Prototype Of Robotic Sensor Network For Closed Farming Environment Monitoring
10.	AY 2019-20	Design And Fabrication Of Drone For Food And Drug Supply In Disaster Area
11.	AY 2018-19	Design And Fabrication of Surveillance Robot
12.	AY 2018-19	Design and Fabrication of Salvage Cleaning Robot ()
13.	AY 2018-19	Design and Fabrication of Spray Painting Robot with Six Degrees of Freedom. Received MRP Grant from University of Mumbai
14.	AY 2018-19	Design and Fabrication of Soldier Assisted Robot
15.	AY 2017-18	Design and Fabrication of Spot Welding Robot With Six Degrees Of Freedom
16.	AY 2017-18	Design and Fabrication of Fire Fighting Robot
17.	Year 2016-17	Design and Fabrication of Spot Welding Robot With 4 Degrees of Freedom
18.	Year 2015-16	Solar and Wind Power Battery Vehicle

DECLARATION: I hereby declare that the above information is true to the best of my knowledge and belief.

Date:

Sd/-

Place:

VIVEK S. NARNAWARE