	Dr. Pravin R. Kubade Email: *prkubade@sggs.ac.in* Contact No.: +91 9860072040	
Designation	Associate Professor of Production Engineering	
Specialization	Polymer nano-composites, non-conventional machining	

1. Degrees obtained:

University	**Degree**	**Year**	**Field of Specialization**
M.S.B.T.E	D.P.T.	2003	Production Technology
Shivaji University, Kolhapur	B.E.	2006	Production Engineering
Shivaji University, Kolhapur	M.E.	2012	Mechanical-Production Engineering
VIT, Vellore	Ph.D.	2017	Mechanical Engineering
University of Malaysia	PDF	2022	Mechanical Engineering

2. Employment record (staring from present position)

University/College	**Designation**	**Period**
S.G.G.S. Institute of Engineering & Technology, Nanded	Associate professor	16/10/2023 to till date
KITs College of Engineering (Autonomous), **Kolhapur**	Assistant Professor	01/07/2013 to 15/10/2023
K.B.P. College of Engineering & polytechnic, **Satara**	Lecturer in Production Engineering	01/07/2006 to 30/06/2013

3. Other related experience: **Postdoctoral Fellowship** at University of Malaysia from March 2020 to April 2022.

4. Consultancy and Sponsored Research activities**:**

Year	**Organization**	**Project Title**	**Amount received Rs.**
2017	RIS-2017	Structure property relationship study of Vinyl ester hybrid syntactic form	3,00,000/-

5. **Publications:**

Papers published in Referred Journals	Papers presented in Conferences	Review papers	Book Chapters
50	30	07	03

6. **Fellowship of Academic bodies and Professional Societies:** PDF, University of Malaysia
7. **Membership of Scientific and professional Societies:**

   Life Member of ISTE (LM134197), Life member of NITTSD No. 08963
8. **Honors and Awards:** ISTE, Best Innovative Research Work Award- 2021.
9. **No. of Ph.D., M.E./M.Tech. Guided**: Approximately 10 (M.E/M.Tech.) Mechanical – Production, CAD/CAM, Industrial Engg., 04 (Ph.D.) Mechanical Engineering.
10. **List of conferences, Short-term Courses etc. organized:**

Sr. No.	Title of the course	Institute and sponsored	Duration in weeks/days	Dates	
				From	To
1.	Application of AI ML in Mechanical Engineering	AICTE-QIP	1 Week	12/01/2021	16/01/2021

Publications:

1. Monimoy Saha, Pankaj Tambe, Soumen Pal, Pravin Kubade, Effect of non-ionic surfactant assisted modification of hexagonal boron nitride nanoplatelets on the mechanical and thermal properties of epoxy nanocomposites, Composite Interfaces, Taylor & Francis, Vol. 22, 611-627, 2015.
2. Pravin Kubade & Pankaj Tambe, Influence of halloysite nanotubes (HNTs) on morphology, crystallization, mechanical and thermal behaviour of PP/ABS blends and its composites in presence and absence of dual compatibilizer, Composite Interfaces, Taylor & Francis, Vol.23, 433-451, 2016.
3. Pravin Kubade & Pankaj Tambe, Influence of surface modification of halloysite nanotubes and its localization in PP phase on mechanical and thermal properties of PP/ABS blends, Composite Interfaces, Taylor & Francis, Vol. 24, 469-487, 2017.
4. Pravin R. Kubade, Pankaj Tambe and Hrushikesh B. Kulkarni, Morphological, Thermal and Mechanical Properties of 90/10 (WT %/WT %) PP/ABS Blends and their Polymer Nanocomposites, Advanced Composites Letters, Vol. 26, 182-188, 2017.
5. Rajtilak Patil, Pravin R. Kubade*, Optimization of machine shop layout by using flexsim software, AIP, 2200, 1-14, 2019.
6. Hrushikesh Kulkarni & Pravin R. Kubade, Performance Optimization of VCR Diesel Engine

Using Soybean Oil-Based Biodiesel, Springer Link, 365-375, 2019.

7. R. C. Bhedasgaonkar, M. S. Chavan, P. R. Kubade, S. B. Patil, Course Level PBL: An Excellent Teaching Method for Increasing Skill Levels and Learning Motivation in First Year of Engineering Students, JEET, Vol. 33, 101-106, 2019.
8. Vinayak C. Gavali, Pravin R. Kubade*, Mechanical and Thermo-mechanical Properties of Carbon fiber Reinforced Thermoplastic Composite Fabricated Using Fused Deposition Modeling Method, Materials Today Proceedings, 22, 1786-1795, 2020.
9. Amol N. Patil, Pravin R. Kubade*, Mechanical Properties of Hybrid Glass Micro balloons/Fly Ash Cenosphere Filled Vinyl Ester Matrix Syntactic Foams, Materials Today Proceedings, 22, 1994-2000, 2020.
10. Vinayak C. Gavali, Pravin R. Kubade*, Property Enhancement of Carbon Fiber Reinforced Polymer Composites Prepared by Fused Deposition Modeling, Materials Today Proceedings, 23, 221-229, 2020.
11. Jayvardhan Patil, Harshavardhan Patil, Ruturaj Sankpal, Dipraj Rathod, Pravin R. Kubade*, Studies on mechanical and thermal performance of carbon nanotubes/ polypropylene nanocomposites, Materials Today Proceedings, 46, Materials Today Proceedings, 2020.
12. Pravin Kubade & Pankaj Tambe, Acid treated halloysite nanotubes reinforced PP/ABS blends and its composites: Influence on mechanical and thermal properties, Materials Today Proceedings, 1376–1382, 56, 2021.
13. Pravin R. Kubade* & Rohan Senanayake, Studies on thermo-mechanical properties of HNTs filled ABS/PVC composites, Materials Today Proceedings, 59, 248–252, 2021.
14. Pravin R. Kubade & Hrushikesh, Studies on Performance of Diesel-Engine Utilizing Soybean-Oil base Bio-Diesel Incorporated With Multi-Walled Carbon Nanotubes, IEEE, 1-4, 2021.
15. Pravin R. Kubade* & Rohan Senanayake, Thermo-mechanical properties of polyethyleneimine (PEI) modified HNTs filled ABS/PVC composites, Materials Today Proceedings, 59, 852–857, 2022.
16. Suyog Rayjadhav & Pravin Kubade*, Development of Polyamide Based and their nanocomposites: A Review, Springer, ACSR 105, 340–354, 2023.
17. Utkarsha Patil, Pravin Kubade*, Recent advances in ternary blends of nanocomposite and their impact on the mechanical and thermal properties: A review, Springer, ACSR 105, 130–140, 2023.
18. Pravin R. Kubade, Structure property relationship studies of Halloysite Nanotubes (HNTs) filled ABS/PVC blends and its composites, World Leadership Academy, 2022 (Book Chapter).
19. Pravin R. Kubade, Structure Property Relationship Studies of Vinyl Ester Hybrid Syntactic Foam, IGI Global, 2020 (Book Chapter).
20. Pravin R. Kubade, Property Enhancement of Carbon Fibre-Reinforced Polylactic Acid Composites Prepared by Fused- Deposition Modeling, IGI Global, 2019 (Book Chapter).
21. Pravin R. Kubade* & V.S. jadhav, An Experimental Investigation of Electrode Wear Rate (EWR), Material Removal Rate (MRR) and Radial Overcut (ROC) in EDM of High Carbon-High Chromium Steel (AISI D3), IJEAT,1, 5, 135-140, 2012.

22. Rahul Kumar, Pravin R. Kubade & Hrushikesh B. Kulkarni, Android Phone controlled Bluetooth Robot, IRJET, 3, 4, 104-114, 2016.

23. Sayali Patil, Pravin R. Kubade*, Sunil S. Jamadade, Rahul C. Bhedasgaonkar, Rabiya Attar, Naval Solapure, Ulka Vanarase, Parametric study and optimization of WEDM parameters for Titanium diboride TiB2, IRJET, 2 ,4, 2015.

24. Pravin R. Kubade*, Palash Patil, Akshay Bidgar, Akshay Papti, Pranav Potdar, Ravindranath G. Kshirsagar, Parametric Optimization of Abrasive Water Jet Machining of Inconel-718 Material, IRJET, 3, 8, 1236-1242, 2016.

25. DV Kashid, SG Bhatwadekar, SB Sangale, PR Kubade, Investigations of Effect of Process Parameters on Material Removal Rate in Wire-cut Electrical Discharge Machining of Steel Grade EN 9, IJEERT, 2, 1, 1-4, 2015.

26. Lohar Sudhakar & Pravin R. Kubade, Current Research and Development in Abrasive Water Jet Machining (AWJM): A Review, IJSR, 5, 1, 996-999, 2016.

27. Gurunath Shinde, Anand Shivade, Pravin R. Kubade, Multi-Parametric Optimization of WEDM Process Using Desirability Function Analysis, 4, 1, 84-88, 2017.

28. Sudhakar R Lohar, Pravin R Kubade*, Investigation of Effect of Abrasive Water Jet Machining (AWJM) Process Parameters on Performance Characteristics of High Carbon High Chromium Steel (AISI D3), IARJSET, 4, 1, 152-158, 2017.

29. Pravin Kubade, Ravindranath Kshirsagar, Current Research Trends in Modification/Interaction of Halloysite Nanotube Filled Polymer Blends and It's Composites: A Review, IJSR, 4, 12, 1-7, 2015.

30. Amitkumar D Shinde, Pravin R Kubade, Investigation of Effect of Laser Beam Machining (LBM) Process Parameters on Performance Characteristics of Stainless Steel (SS 304), (iCETETA), 11, 2017.

31. Shankar Mane, SG Bhatawadekar, Pravin R Kubade, Optimization of Processing Parameters in Electrochemical Machining of AISI 304 using Taguchi Design Technique, IJEAT, 5, 4, 2016.

32. Sagar Rajage, Shubham Waghmare, Sadik Pathan, Amitkumar Shinde, Pravin R Kubade, Effect Of Laser Cutting Parameters On Surface Quality And Kerf Width Of High-Carbon High-Chromium Steel (Aisi D3), IJRSE, 3, 4, 571-579, 2017.

33. Amitkumar Shinde & Pravin R. Kubade, Current Research and Development in Laser Beam Machining (LBM): A Review, IJSER, 4, 10, 101-104, 2016.

34. Pooja P. Sarnaik, Pravin R. Kubade, Harshada A. Deshinge, Sonal S. Gaikwad, Nikita A. Katkar, Experimental Investigation of Effect of Laser Beam Machining on Performance Characteristics in Machining OHNS E0300, IRJET, 5, 10, 682-686, 2018.

35. Sanjay S Sutar, Pravin R Kubade, Sunil S Jamadade, Fatigue Life Estimation of Pressure Reducing Valve Diaphragm, IJEAT, 4, 3, 180-188, 2015.

36. Amol N. Patil, Pravin R. Kubade, A Review on Modifications and Hybridization in Syntactic Foam, IJPPT, 7, 1, 1-8, 2018.

37. Aamir M. Shaikh & Pravin R. Kubade*, Effect of nanofillers on rolled polymer nanocomposites: A Review, Materials Today, 2023.

38. Amol N. Patil, PravinR. Kubade*, Effect of Composition on Impact and Flexural Properties of Hybrid Glass Microbaloons/Fly Ash Cenosphere Filled Vinyl Ester Matrix Syntactic Foams, IJRTE, 8, 5, 2147-2155, 2020.

39. Omkar P. Kumbhar & Pravin R. Kubade, Design, development and analysis of roller belt conveyor system: A review, IJME, 9. 1, 1-6, 2020.

40. Rajtilak Patil, Pravin R. Kubade, Optimization of machine layout based on simulation software: A review, IJIET, 9, 2, 1-8, 2019.

41. Utkarsha Patil & Pravin R. Kubade, The importance of Alternative Materials to PVC and Effective Plastic Waste Management Strategies for a better future, Springer (In Press)

42. Suyog B. Rayjadhav & Pravin R. Kubade, Thermal analysis for microstructure and mechanical property evaluation: A review, Springer (In Press).

43. Aamir M. Shaikh & Pravin R. Kubade, A Study of Polypropylene/ Graphene and its Nanocomposites using Ansys, Materials Today (In Press).