



**Designation :** Assistant Professor  
**Manakula Vinayagar Institute of Technology,**  
**Madagadipet,**  
**Puducherry, Pin code – 605 107.**  
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**Mobile:** 9994552270

**Name of the staff:** B.VASANTH

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### **Professional Objective:**

To be successful in a well established, competitive and challenging environment where my knowledge can be shared and enriched, by contributing to the institution's growth and in turn ensuring personal growth within the organization

### **Career profile:**

### **Educational qualification:**

Ph.D :

M.E : CAD/CAM

B.E : Mechanical Engineering

### **Work experience: (starting from present position)**

S.No	Employer	Designation	Period of Service	Nature of Work
1	C.K College of Engineering and Technology, Cuddalore	Assistant Professor	May 2012 to May 2013	
2	Manakula Vinayagar Institute of Technology, Puducherry	Assistant Professor	June 2013 to till Date	

### **Teaching Activities: (Subjects Taught)**

**(i) Under Graduate :** Manufacturing Process-I, Manufacturing – II, Advanced Machining Process, Computer aided design, Engineering Mechanics, Basic mechanical, Dynamics of machines, Engineering graphics, Engineering metallurgy, Mechanics of solid, Machine drawing, Design of machine element, Design of transmission system.

**(ii) Post Graduate :** NIL

**(iii) Laboratories handled:** Manufacturing process –I, II & III Lab, ANSYS, Basic Workshop

**Consultancy and Sponsored Research activities :** NIL

Name of the Scheme	Project Title	Duration	Amount Sanctioned	Status Completed/* Ongoing

**Major tasks handled:**

Class adviser, Guest lecture coordinator, Value added course coordinator, Manufacturing process lab Incharge, CNC lab Incharge.

**Paper Publications / Presentation:**

	Published	Accepted	Communicated	Total
International Journal	03			
National Journal	-			
International Conference	03			
National Conference	01			

**FDP/STTP/Workshops attended:**

- Attended one Days FDP on **“Research Perspectives in IC Engines”** organized by SRM Institute of Science and Technology, held on between 6th Dec 2017.
- Attend the Exhibition Indian plumbing Conference on **“Intricacies in Plumbing Design for High Rise Buildings”** organized by the Indian plumbing association, held on 22th and 23rd September 2017 at Chennai Trade Center, Chennai.
- Attended one day Work shop on **“DFMA”** organized by ManakulaVinayagar Institute of Technology held on 12<sup>th</sup> Nov 2016

- Attend one day FDP on “*Micro and Nano Manufacturing*” organized by the Department of Mechanical Engineering, SRM University, held on 19th May 2017
- Attended Faculty Development Program on “*Solar energy technology & product*” during 9th -10<sup>th</sup> June 2016, Organized by Phocos Solar India & Manakula Vinayagar Institute of Technology, Puducherry.
- Attended Faculty Development Program on “*Future of making things and Autodesk fusion 360*” on 3<sup>rd</sup> May 2016, Hotel Le-Royal Meridian Chennai, Organized by Autodesk & ICTACT
- Attended Faculty Development Program on “*Recent trends in power generation*” during 2nd-6th May 2016, Organized by Pondicherry Engineering College, Puducherry.
- Attended Faculty Development Program on “*AutoCAD 2015*” during 8<sup>th</sup> -12<sup>th</sup> December 2015, Organized by ICTACT & Manakula Vinayagar Institute of Technology, Puducherry.
- Attended One day conference on “*Advanced Manufacturing Technologies for Engineering Sector*” on 26th June 2015, Hotel ITC Grand Chola, Chennai, Organized by Confederation of Indian Industry (CII)
- Attended One day workshop on “*Research and development in engineering institutions*” on 13<sup>th</sup> September 2014, Organized by Manakula Vinayagar Institute of Technology, Puducherry.
- Attended Faculty Development Program on “*Mission 10X*” during 24<sup>th</sup> -26<sup>th</sup> October 2013, Organized by Wipro & Sri Manakula Vinayagar College of Engineering, Puducherry.

**(For details of publications and training programmes attended  
Annexure to be added )**

**Reviewer for the journals:** NIL

**Research guidance:** NIL

**Project Guidance :** 03

**Guest Lectures delivered:** NIL

**Professional Membership:** ISTE

**Publications Annexure Details :**

- Presented Paper titled “*Remodelling Of Petrol Engine Generator-For Using Ethanol as a Fuel*” in International conference on modern innovations in nanotechnology science and engineering of material, **MINTSEM-18** at Annamalai University

- Presented Paper titled ***“Expt. Investignation of process parameters on surface roughness”*** in Second International Conference on **ICDAME-2017**, March 2017, organized by SKP Engineering College Tiruvannamalai
- Presented a Paper Title on ***“Biohydrogen production from vegetable waste”*** in the National Conference on **“PERISE’16”** held on 7th April 2016, organized by PERI Institute of Technology, Chennai.
- Presented a Paper Title on ***“surface roughness prediction depending on process parameters by response surface methodology”*** in the International Conference on **“ICFTET-2015”** during 7th & 8th April 2015, organized by PSNA College of Engineering & Technology, Dindigul.
- Published a paper title on ***“surface roughness prediction depending on process parameters by response surface methodology”*** in ***International journal of applied engineering research***, ISSN: 0973-4562, Volume 10(36), 2015 Page No: 29426-29429
- Published a paper title on ***“Experimental study on tribological characteristics of cylinder liner and piston ring using response surface methodology”*** in ***Global journal of engineering science and researches***, ISSN: 2348-8034, Volume 1(7) Page No: 111-124 September 2014.
- Published a paper title on ***“Analytical and experimental study of buckling behavior of cylindrical panels”*** in ***International journal of engineering science & research technology***, ISSN: 2277-9655, Volume 3(6) Page: No: 249-255 June 2014.