


Name: VIRAN KUMAR. VARIKILLA		
Qualification : M.Tech (Manufacturing Technology), NIT Calicut, (Ph.D OU, Hyd)		
Experience : I have 06 years of teaching experience in various engineering colleges. Working in this college since 10-01-2019.		
Area of Interest: MICRO MACHINING, PRODUCTION ENGINEERING, DESIGN AND MANUFACTURING		
Subjects Taught: 1. Machining Science and Machine Tools 2. Production Technology 3. Unconventional Machining 4. Engineering Drawing 5. Thermo Dynamics 6. Heat Transfer 7. Engineering Metrology 8. Strength of Materials 9. Refrigeration and Air Conditioning 10.Design of Machine Elements-I		
<p style="text-align: center;"><u>RESEARCH PUBLICATIONS:</u></p> <ol style="list-style-type: none"> 1. Viran Kumar. V., R. Manu., Jose Mathew., 2011, “Non Contact Surface Roughness Measurement of Micro turned Components Using Image Processing”, <i>Proceedings of International Conference on Precision Meso Micro and Nano Engineering (COPEN- 7:2011), Pune, India, 10-11 December 2011, pp. 95-98.</i> 2. Kiran Kumar K., Viran. V., R Manu., 2010, “On Machine Measurements (OMM) of Microturned parts”, <i>proceedings of 3rd International and 24th All India Manufacturing Technology, Design and Research Conference (AIMTDR-2010), Visakhapatnam, India, 13-15 December 2010, pp.405-410.</i> 3. Mukesh M., Dinesh S., Viran V., Manu R and Jose Mathew., 2010, “Experimental Studies on Cutting Forces and Surface Roughness in Micro Turning”, <i>Proceedings of 3rd International and 24th All India Manufacturing Technology, Design and Research Conference (AIMTDR-2010), Visakhapatnam, India, 13-15 December 2010, pp.365-370.</i> 		
Number of Projects guided: 10 UG projects(B.TECH)		
Title	Student Name	Year
Design and Manufacturing of E-Bike	1. Avin 2. Suraj	2012
Design and Manufacturing of Unmanned Ground Vehicle		2012
Manufacturing of Disc Break on CNC Milling		2015
Design and Manufacturing of Electrical Car		2016

Workshops/Seminars/FDP's Attended:

SLNO	DATE	WORK SHOP/ FDP	VENUE
1	17 th June 2013 to 26 th June 2013	10 days Faculty Training Program on Effective Teaching & Learning	CVRCE, Hyderabad.
2	1 st and 2 nd March 2013	A 2 Day Seminar on Computational Approaches in Manufacturing Processes	MVSR Engineering College, Hyderabad
3	5 th January 2013.	One day Seminar on Trends in Non-Traditional Machining	The Institute of Engineers (INDIA), Hyderabad
4	31 st Dec2012-01 st Jan 2013	A 2 Day Workshop on Quality and Reliability Engineering	SNIST, Hyderabad
5	2012	7 days Faculty Training Program on Effective Teaching & Learning	SNIST, Hyderabad
6	2012	7 days FDP on Engineering Drawing	CVSR College of Engineering, Hyderabad.

Conferences Attended:(preferably International)

SLNO	DATE	CONFERENCE	VENUE
1	13-15 December 2010	3 rd International and 24 th All India Manufacturing Technology, Design and Research Conference (AIMTDR-2010),	ANDHRA UNIVERSITY Visakhapatnam, India
2	10-11 December 2011	International Conference on Precision Meso Micro and Nano Engineering (COPEN-7:2011)	College of Engineering Pune, India