



P.E.S. College of Engineering, Mandya - 571401

(An Autonomous Institution, affiliated to VTU, Belagavi)

Faculty Profile

General

Name	Dr. N L MURALI KRISHNA
Designation,	Professor and COE
Department & Affiliated Institution	Department of Industrial and Production Engineering, P.E.S College of Engineering, Mandya – 571 401
Research Area	Micro Finishing (Production)
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Academic Profile

Educational Qualifications

Degree	College	University	Year of Passing	% age	Class
Ph. D	P E S College of Engineering, Mandya.	VTU, Belagavi	2016	-	-
M. Tech.	IIT Delhi	IIT Delhi.	2000	7.2 CGPA	FC
BE.	P E S College of Engineering, Mandya.	Mysore University.	1990	-	FCD

Professional Experience

Organization and Department	Designation	Period	Total Experience
PESCE, Mandya(I&P)	Lecturer	1/4/1994 to 1/4/2001	7 Years
PESCE, Mandya(I&P)	Asst. Professor	1/4/2001 to 1/4/2006	5 Years
PESCE, Mandya(I&P)	Asso. Professor	1/4/2006 to 1/5/2020	14 Years
PESCE, Mandya(I&P)	Professor	1/5/2020 to Till Date	1 Year

Reports on Academic and Research Activities

Academic Activities

Teaching Records (Details of courses taught)	Undergraduate: Engineering Metrology, Control Engg, Hydraulics & Pneumatic, Tool Engg Design. Manufacturing Process I, II and III, Non-Traditional Machining Methods, Plant Layout and Design.
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Research Guidance (Candidates Awarded / Pursuing Ph.D / M.Sc., Engg. / M.Phil.)

Degree	Ph. D.	M.Sc., Engg.	M.Phil.
Awarded	-	-	-
Pursuing	-	-	-

Sponsored Research Projects (List of Projects taken up /completed and funds receiver & funding sources)

Project Title	Project Funded by	Grants Sanctioned	Grants Received
Nil	Nil	Nil	Nil

Research Publications in Refereed Journals and Conferences/Symposia

Number of Publications in	National	International
Journals	-	10
Conferences/Symposia	12	5

Other Important Responsibilities Held in the College

<ol style="list-style-type: none"> 1. COE From August 2020 to Till Date 2. Deputy COE from 2018 to July 2020. 3. Head of the department of Industrial and Production Engineering Department From 2019-2020. 4. BoS and BoE Chairman 	<ol style="list-style-type: none"> 5. Coordinator for International Conference on Advances in Mechanical Engineering Sciences (ICAMES-17) held at PESCE Mandya from 21-22nd Apr 2017. 6. Coordinator for “2nd International Conference on Advances in Mechanical Engineering Sciences (ICAMES-2K20)”.
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LIST OF PUBLICATIONS

Journals

1. Devadath V. R , B. R. Narendra Babu, N. L. Muralikrishna, Dr. H. P. Raju “Study of Drilled Hole Surface Characteristics in GFRP Rod Generated by Different Drill Bits” International journal of Emerging trends in Engineering and Development ISSN 2249- 6149, Issue 2, Vol.5 (July – 2012).
2. H. P Raju, Devadath. V. R. and N. L. Murali Krishna, “Extrusion Honed Surface Characteristics of Inconel 600 “International Journal of Engineering Research and Applications”, Vol-3, Issue -6, 2013, PP.1338-1343.
3. N. L. Murali Krishna and H. P Raju., “Extrusion Honed Surface Characteristics of Inconel 625 fabricated by EDM for Square Shape”, International Journal of Engineering Research and Applications, Vol-4, Issue-6 (Version 3), 2014, PP.68-72.
4. N. L. Murali Krishna and H. P Raju., “Acoustic Emission Characteristics of Inconel 718 and Inconel 625 Micro Finished by Extrusion Honing Process” International Journal of Research in advent technology, Vol-2, No.11, Nov 2014, PP.81-86.
5. Dr. N L Murali Krishna & Sachin N K, “Surface Roughness study on Al-Si Alloy subjected to grain refinement”, International Journal of Advances in Engineering & Technology, Aug., 2016. ISSN: 22311963, Vol 9, Issue 4, pp. 474-481.
6. Dr. Muralikrishna N L Et all “Characteristics Study of Inconel 718 Surface Generated By Extrusion Honing Process” International journal of Engineering Research in Mechanical and Civil Engineering Vol-2, Issue 4, , ISSN 2456-1290, April 2017
7. Dr. Muralikrishna N L Et all “Development of Single Wheeled Electric Bike”, International journal of Engineering Research in Mechanical and Civil Engineering Vol-2, Issue 4, , ISSN 2456-1290, April 2017
8. Ameena Kasusar, Rakshith Gowda D.S, Dr. N L Muralikrishna, ”Study of weld quality characteristics of tungsten inert gas welding of Dissimilar Metals SS316L and IS 2062 Plates” International Journal for Research in Applied Science & Engineering Technology (IJERASET) Vol 45, Issue 4, June 2019, pp: 759-765.
9. Yathish M.K, Rakshith GowdaD.S, Dr. N L Muralikrishna “Finite element analysis of drilling of CFRP Reinforced with different percentage of Si3N4” International Journal for Research in Applied Science & Engineering Technology (IJERASET) Vol 45:98, Issue 4, June 2019, pp: 872-880.
10. Akshay S, Rakshith Gowda D. S, Dr. N L Muralikrishna, H. V Ravindhra “Optimization of process parameters in Drilling of CFRP Reinforced with Different percentage of Si3N4 using Taguchi Method” International Journal for Research in Applied Science & Engineering Technology (IJERASET) Vol 45:98, Issue 4, June 2019, pp: 95.

International Conferences

1. Devadath V. R , B. R. Narendra Babu , N. L. Muralikrishna, Dr. H. P. Raju, and Dr. K Chandrashekara “Drilled Hole Shape Deformation Study on GFRP Composites” International conference and exhibition on Total Engineering Analysis and Manufacturing Technology 19 -21 Nov 2009 JnanaJyothi Auditorium, Bangalore, India.
2. Devadath V.R, B. R. Narendra Babu, N. L. Muralikrishna , Dr. H. P. Raju, “Study of Drilled Hole Surface Characteristics in GFRP Rod Generated by Different Drill Bits Team Tech” 2009 International conference on Frontiers un Mechanical Engineering (FIME2010) 20- 22 May 2010 NITK Surathkal, Karnataka, India.
3. Lingaraju K, Devadath V, Muralikrishna N L, Dr. Raju H P, “Estimation of Surface Roughness in Turning of Glass Fibre Reinforced Polymer Composites” International conference on Advances in Manufacturing Processes (ICAMP2011) RMK Engineering College December 19-20, 2011.
4. N. L. Muralikrishna and Dr. H. P Raju., “Analysis of Different Primitives finished by Extrusion Honing process pre-machined by EDM for Inconel 625” International conference on Precision, Mesco, Micro and Nano Engineering, Dec 10-12, 2015, VMCC, IIT Bombay.

National Conferences

1. Machinability Study of Glass Fibre Reinforced Plastic Composite Materials – V. R. Devadath, N. L. Muralikrishna, K. N. Lingaraju, Dr. H. P. Raju, Advances in Materials and Manufacturing Processes at University (AMMP 2007) U B D T College of Engineering, Davangere, Karnataka, India.
2. B. R. Narendra Babu, V. R. Devadath, N. L. Muralikrishna, Dr. H. P. Raju, K. Chandrashekara Machining Characteristics Of GFRP Using HSS Tool — National Conference on Recent Advances in Mechanical Engineering (RAIME’08) 20-21 March 2008 at National Engineering College, K.R.Nagar, Kovilpatti, Tamilnadu, India.
3. V. R. Devadath, N. L. Muralikrishna, K. N. Lingaraju, Dr. H. P. Raju Machining Characteristics of GFRP using Cemented Carbide Tool - National Conference on Recent Trends in Mechanical Engineering Sciences (RTIMES-08) at Sri Siddhartha Institute of Technology, Tumkur, Karnataka.
4. V. R. Devadath, N. L. Muralikrishna, K. N. Lingaraju, Dr. H. P. Raju “Study of Characteristics Behavior Of GFRP Using Cemented Carbide Tool While Machining –International Conference on Micro Electromechanical System (MEMS-08) at Anjuman Engineering College, Bhatkal, April 2008 Karnataka, India
5. N. L. Muralikrishna, V. R. Devadath, B. R. Narendra Babu, H. P. Raju “Experimental Studies Of Drilled Hole Surface On GFRP Composite Material”. National Conference on New Advances In Thermal, Design, Materials And Manufacturing Engineering (NATDMME 2009) 5-7 March 2009 Malnad College of Engineering, Hassan, Karnataka.
6. V. R. Devadath, N. L. Muralikrishna, B. R. Narendra Babu, H. P. Raju, “Study of Hole Shape Deformation While Drilling GFRP Composite.” National Conference on Advances in Mechanical Engineering 2009 at Malnad College of Engineering, Hassan, Karnataka.
7. V. R. Devadath, N. L. Muralikrishna, B. R. Narendra Babu, H. P. Raju, “Glass Fibre Reinforced Plastic Machining using HSS Tool”. National Conference on Advances in Mechanical Engineering 2009(AME2009) at Vidya Vikas Institute of Engineering & Technology, Mysore, Karnataka.
8. V. R. Devadath, N. L. Muralikrishna, B. R. Narendra Babu, H. P. Raju, “Glass Fibre Reinforced Plastic Machining Using Cemented Carbide Tool”. National Conference on Advances in Mechanical Engineering 2009(AME2009) at Vidya Vikas Institute of Engineering & Technology, Mysore, Karnataka.

9. Devadath V. R , B. R. Narendra Babu , N. L. Muralikrishna, Dr. H. P. Raju, and Dr. K Chandrashekara, “Drilled Hole Shape Deformation Study on GFRP Composites”. International conference and exhibition on Total Engineering Analysis and Manufacturing Technology 19 -21 Nov 2009 Jnana Jyothi Auditorium, Bangalore, India.
10. B. R. Narendra Babu, Devadath V. R, N. L. Muralikrishna, Dr. H. P. Raju “Drilled Hole Deformation Study On GFRP Composite”. National conference on Modern trends in mechanical engineering (MTME 2010) 24 -25 Sept 2010 The Institution of Engineers Mysore local centre. Mysore.
11. Devadath V. R, B. R. Narendra Babu, N. L. Muralikrishna, Dr. H. P. Raju “Study of Drilled Hole Surface Characteristics in GFRP Rod Generated by Different Drill Bits”. Team Tech 2009 International conference on Frontiers un Mechanical Engineering (FIME2010) 20- 22 May 2010 NITK Surathkal, Karnataka, India.
12. Lingaraju K. N, Devadath V. R, Muralikrishna N L, Raju H. P “Estimation of Surface Roughness in Turning of Glass Fibre Reinforced Polymer Composites”. International conference on Advances in Manufacturing Processes (ICAMP2011) RMK Engineering College December 19-20, 2011