

## Faculty Profile - VTU FACULTY ID: 4GMME0005642

**Dr. Mudasar Pasha B.A**

*Assistant Professor,*

Department of Mechanical Engineering,  
GM Institute of Technology, Davangere



### Vision

**Your vision** To engage in transformational education and research and to develop caring, competent, critically aware and respectful professionals who are capable of becoming the leaders of the future. Working alone or collaboratively they will ensure safe, high quality care and services.

### Educational Qualifications

1	<b>PhD in Mechanical Engineering</b> from <b>Visvesvaraya Technological University, Belgaum</b>
2	<b>M. Tech. in Machine Design</b>
3	<b>BE in Mechanical Engineering</b>

### Professional Details

**Total experience: 9 years (Teaching: 08, Other:1)**

Place working: Department of Mechanical Engineering, GM Institute of Technology, Davangere	Experience in years: 06
Work place : UBDCE Davangere	Experience in years: 02

Academic / Research Publications		
1	<b>Mudasar Pasha BA</b> , and Mohammed Kaleemulla. "PROCESSING AND CHARACTERIZATION OF ALUMINUM METAL MATRIX COMPOSITES: AN OVERVIEW." Reviews on Advanced Materials Science 56.1 (2018). <b>Impact factor = 2.172.</b>	International Journal
2	<b>Mudasar Pasha BA</b> , and Mohammed Kaleemulla. "Investigation of erosive wear behaviour of tungsten carbide cobalt coated metal matrix composites using ANN." Journal of Metals, Materials and Minerals 28.1 (2018).	International Journal
3	<b>Mudasar Pasha BA</b> and Mohammed Kaleemulla. Taguchi approach to the Influence of Processing Parameters on Erosive Wear Behaviour of Aluminium 7034 T6 Composites. Transactions of Nonferrous Metals Society of China 27 (2017) 2163-2171. Elsevier publication. <b>Impact factor = 1.340.</b> DOI: 10.1016/S1003-6326(17) 60242-5.	International Journal
4	Bharath, K. N., <b>Mudasar Pasha</b> , and B. A. Nizamuddin. "Characterization of natural fiber (sheep wool)-reinforced polymer-matrix composites at different operating conditions." Journal of Industrial Textiles 45.5 (2016): 730-751. <b>Impact factor = 1.443</b>	International Journal
5	<b>Mudasar Pasha</b> , and Mohammed Kaleemulla. "Erosive wear behavior of sprayed metal matrix composites: An overview." Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology 227.10 (2013): 1063-1075. <b>Impact factor = 1.318</b>	International Journal
6	Dry sliding wear behavior of PTFE filled with glass and bronze particles. <b>BA Mudasar Pasha</b> Tribology 2011. VOL 5 NO 2 59 DOI 10.1179/1751584X11Y.0000000006.	International Journal
7	<b>Mudasar Pasha BA</b> , et al. "Studies on wear resistance of PTFE filled with glass and bronze particles based on Taguchi technique." Journal of Thermoplastic Composite Materials 26.2 (2013): 243-259.	International Journal
8	<b>Mudasar Pasha</b> and Mohammed Kaleemulla. Erosive Wear Analysis of Propeller Blade Coated with Tungsten Carbide Cobalt by High-Velocity Oxy-Fuel (HVOF) Spray Method. Paper submitted to International journal of computational materials science and surface engineering. Paper ID: IJCMSE-205386. Article Submitted on 9th Jan 2018. Status: Under peer review process. Inderscience publications. Cited in appendices.	International Journal
9	<b>Mudasar Pasha</b> and Mohammed Kaleemulla. Mechanical and erosive wear characteristics of WC-Co coated Al7034-T6 composites deposited by HVOF method. Paper submitted to Journal of metals, materials and minerals. Article Submitted on 20th March 2018. Status: Under peer review. Metallurgy and Materials Science Research Institute, Chulalongkorn University. Cited in appendices.	International Journal

10	<b>Mudasar Pasha</b> and Mohammed Kaleemulla. Development of Nano- WC-CoCr HVOF Coatings on High Strength Steel Components for Turbine Blades. Abstract accepted in, Handbook of Modern Coating Technologies. Applications, Volume.4. Elsevier publication. Article is in press. Chapter submitted on 12th March 2016. Cited in appendices.	International Journal
11	<b>Mudasar Pasha</b> and Mohammed Kaleemulla. Erosive wear behaviour of cryo-treated Al7034-T6 composites fabricated by stir casting method. Paper submitted to Journal of engineering research.	International Journal
12	<b>Mudasar Pasha</b> and Mohammed Kaleemulla. Influence of cryo-treatment of Al <sub>2</sub> O <sub>3</sub> and SiC reinforcement on micro structure and micro-hardness of Al7034-T6 composites. Paper submitted to Estonian journal of engineering.	International Journal
13	<b>Mudasar Pasha</b> and Mohammed Kaleemulla. Mechanical and erosive wear charecterisation of Al7034-T6 composites. Paper submitted to Journal of the American society of thermal and fluid engineers. High temperature material processes: <b>Impact factor = 0.05.</b>	International Journal
14	<b>Mudasar Pasha</b> and Mohammed Kaleemulla Analysis of rotational and impact velocity erosive wear behaviour of Al7034-T6 composites: An overview Paper submitted to journal: Review of advanced materials science.	International Journal

#### Workshops / Seminars / Conference attended

1	Advances In Mathematical Techniques In Research And Engineering
2	Intellectual Property Rights

#### University responsibilities

1	VTU EXTERNAL LAB EXAMINATION DUTY
2	VTU THEORY EXAMINATION DUTY
3	VTU VALUATION DUTY

#### New Technology / Information learnt / exposed

1	ANN
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### Membership details

LMISTE	<b>LM108232</b>
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### Personal Details

Gender	Male
Date of Birth	10 <sup>th</sup> May, 1985
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