Resume

Full Name: Dr. Umesh V. Hambire 

Date of Birth : 15 May 1973

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| Sr | Degree | College | Acheivement |
| 1 | SSC | Holy cross English School | Appeared 10th in Board Merit List |
| 2 | HSC | Deogiri College | Appeared 20th in Board Merit List |
| 3 | BE | Govt College of Engineering Aurangabad | First class with distinction |
| 4 | ME | Govt College of Engineering Aurangabad | First class with distinction |
| 5 | PhD | Govt College of Engineering Aurangabad | First class with distinction |

Experience :

18 Years of Industrial and Administrative experience

 Publications:

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| **Sr** | **Topic of Research Paper** | **Name of Journal** |
| 1 | Optimization of compressive strength of zirconia based dental composites | Bulletin of Mater. Sci , Springer link,., Vol. 37, No. 6, pp. 1315–1320. |
| 2 | Optimisation of compressive strength in Zirconia nanoclusters of the Bis-GMA & TEGDMA based dental composites | Science Direct, Procedia Engineering  |
| 3 |  Comparison of Mechanical Properties of Resin-based Dental Composites with Different Filler Types |  Journal of Materials & Metallurgical Engineering Volume 2, Issue 1, 2012, Pages. |
| 4 | Influence of zirconia nanoclusters on the compressive Strength of Bis-gma and tegdma based Dental composites | Arpn journal of engineering and applied sciences, Vol. 7, no. 9, issn 1819-6608 |
| 5 | Experimental evaluation of different fillers in dental Composites in terms of mechanical properties | Arpn journal of engineering and applied sciences, Vol. 7, no. 2, issn 1819-6608 |
| 6 | Virtual Development of Ride & Handling Characteristics for Advanced Passenger Cars. | CCAC, International Research Conference Jaipur,  |
| **7** | Improvement in the compressive strength and Flexural strength of dental composite  | Arpn journal of engineering and applied sciences, vol. 7, no. 8, Issn 1819-6608 |
| 8 | Review of wear behavior, mechanical and physical properties of dental composites | International Joumal of Engineering Sciences 2{2) 201I 4l'4:l |
|  | Effect of sliding wear rate and staining resistance on indirect composites | International Journal of Engineering Research Vol.2., Issue.6, 2014 |
| 9 | Analysis of the influence of EDM parameters on surface Quality, MRR, EWR and Micro Hardness of AISI O2 (1.2842) | International Journal of Scientific & Engineering Research, Volume 5, Issue 3 |
| 10 |  Optimization of Machining Parameters For Electrical Discharge Machining of K110 Using Taguchi Method | International Journal of Engineering Sciences 8 (2) 102-109 |
| 11 |  Comparison and Optimization of Wear Rates of Two Types of Dental Composites On The Basis Of Micro Hardness | International Journal of Engineering Science Invention ISSN ,Volume 3 Issue 10 PP.01-05 |
| 12 | Optimization of injection molding process parameter for reducing shrinkage by using High Density Polyethylene (HDPE) material  | International Journal of Science and Research (IJSR), Volume 4 Issue 4, April 2015 |
|  | Enhancing dental implant model by evaluation of three dimensional finite element analysis. | International Journal of Engineering Science Volume 4 Issue 12|| December 2015 || PP.26-33 |
| 13 |  Comparison of Flexural & Compressive Strengths of Nano Hybrid Composites  | International Journal of Engineering Trends and Applications (IJETA) Volume 2 Issue 2 |
| 14 | Analysis of Process Parameters for Material Removal Rate During Dry Turning of FG 260Grey Cast Iron | International Journal of Engineering Research & Technology (IJERT),Vol. 4 Issue 04,  |
| 15 |  Experimental Analysis of Four Dental Composites for Their Micro Hardness and Wear Rates |  International Journal of Engineering Science Invention ISSN ,Volume 4 Issue 7,PP.10-13 |
| 16 |  Multi-Objective Optimization of Hard Turning Process Parameters of H11 Material Using Taguchi Based Grey Relational Analysis. | IJSRD - International Journal for Scientific Research & Development| Vol. 3, Issue 08, 2015 |
| 17 |  Review on Optimization of Injection Molding Process Parameter for Reducing Shrinkage of High Density Polyethylene (HDPE) material | International Journal of Science and Research (IJSR), Volume 4 Issue 4 |
| 18 | Comparative Evaluation of Compressive, Flexural Strength and Micro Hardness of Different Dental Materials | IJSRD - International Journal for Scientific Research & Development| Vol. 4, Issue 04, 2016 | ISSN : 2321-0613 |
| 19 | Comparison and Optimization of Wear Rates of 3M Z350 (micro filled) and Filtek Z250 (micro hybrid) Dental Composite materials | IJSRD - International Journal for Scientific Research & Development| Vol. 5, Issue 02, 2017 | ISSN : 2321-061 |
| 20 | A comparative study of the EDM characteristics on various plastic mould steels as p-20, h-13, stavax | International Journal of Advanced Research Methodology in Engineering & Technology, Volume 1, Issue 2, March 2017, ISBN 978-1-63535-889-6 |
| 21 | A Review on mql in green environments used for machining process | International Journal of Production Technology and Management (IJPTM), Volume 8, Issue 1, (Jan-Jun 2017) |
| 22 | The Application of Taguchi’s Optimization Method in Green Minimum Quantity Lubricant Turning Operation of En 19 Steel | IJSRD - International Journal for Scientific Research & Development| Vol. 5, Issue 09, 2017 | ISSN (online): 2321-0613 |
| 23 | A Review on MQL in Green Environments Used For Machining Process |  Int. Journal of Engineering Research and Application www.ijera.com ISSN : 2248-9622, Vol. 7, Issue 10, ( Part -1) October 2017 |
| 24 | Design and Analysis in Carbon Fiber Composites | International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 05 Issue: 04 | Apr-2018  |
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