

Faculty Vitae

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|--|--|---------------------|--|------------|-------|
| Name of the Faculty | | | | | |
| Dr. V.BALAMBICA | | | | | |
| Education | | | | | |
| | Degree | Discipline | Institution | Year | |
| UG | B.E | Mechanical | Bharath Institute Of Science And Technology | 1999 | |
| PG | M.Tech | CAD | Bharath Institute of Higher Education And Research | 2005 | |
| PhD | Ph.D | Design | Bharath Institute of Higher Education And Research | 2015 | |
| Academic experience | | | | | |
| | Institution | Title | From | To | FT/PT |
| | Bharath Institute of Higher Education And Research | Associate Professor | July 2015 | Till Date | FT |
| | Salalah College Of Technology- Sultanate of Oman | Assistant Professor | Dec 2012 | Aug 2014 | FT |
| | Bharath Institute of Higher Education And Research | Assistant Professor | June 2005 | Oct 2012 | FT |
| | Bharath Institute of Higher Education And Research | Lecturer | Jan 2005 | April 2005 | PT |
| | Sri Padmavathy College Of Engineering | Lecturer | Nov 2000 | Dec 2002 | FT |
| Certifications or professional registrations | | | | | |
| Membership in professional organizations | | | | | |
| Honors and awards | | | | | |
| <ol style="list-style-type: none"> 1. Awards – Gold Medallist in M.Tech 2. Appreciation award for the year 2012-2014 in the Department of Mechanical Engineering- Salalah College of Technology - OMAN | | | | | |
| Service activities (within and outside of the institution) | | | | | |

Lions Club Member- Zameen Pallavaram

List of Publications

1. V Balambica., Mr Vishwa Deepak, Dr J Hameed Hussain., Dr Prem Jayakumar., “Design and Bending Stress Analysis of a metallic Sintered Standard helical Gear Tooth.,Proceedings of the National Conference in Smart technology.,17-18 April 2015.
2. V Balambica, , Vishwa Deepak.,”Static Analysis of Slotted Springs”.,International Conference on Automatic Control and Dynamic Optimization Techniques(ICACDOT 2016)Hinjwadi-Pune. Paper is waiting to be published in IEEE Explore Digital Library.
3. V Balambica,Dr J Hameed Hussain.,Dr M PremJayakumar” Analysis of Profile Corrected Sintered Spur Gear Tooth”., International Journal of Advanced Engineering Research and Development”.,24-26 Feb 2015.,Issue 2., Volume 2.(Impact Factor-3.134) .,e-ISSN(O): 2348-4470 p-ISSN(P): 2348-640.
4. Dr V Balambica.,Er Vishwa Deepak.,Er Ramesh Perumal ” Analysis of Spider Type Couplings”., International Journal of Advanced Engineering Research and Development”., Oct 2015.,Issue 2., Volume 10.(Impact Factor-3.134)e-ISSN(O): 2348-4470 p-ISSN(P): 2348-6406.
5. Dr V Balambica.,Er Vishwa Deepak., ”Tilting Mechanism for a four Wheeler”., International Journal of Engineering Research”., Dec 2015.,Issue 12., Volume 4.,PP640-642.,(Impact Factor-3.134)e-ISSN(O): 2319-6890 p-ISSN(P): 2347-5013,doi : 10.17950/ijer/v4s12/1202.
6. Dr V Balambica., Er Vishwa Deepak., ”Comparison Analysis of Static Stresses in Standard and Sintered Steel Helical Gears”., International Journal of Research and Scientific Innovation., June 2016.,Issue 6., Volume III.,PP124-127.,(Impact Factor-2.08)ISSN: 2321-2705 .

Recent professional development activities

- Total No. of Papers in International Conferences /International Journals- 6 respectively
- Curriculum Updated for UG-2015 and MTech (CAD)-2015 as per instructions.
- Project Guidance.
- Taken up a research project involving a Lifesaving machine. (Waiting For Funds).
- Impart Student –Learning Motivation.