

FACULTY PROFILE

Name : Dr Veerendrakumar C M



Designation : Associate Professor
Department : Automobile Engineering
Employee ID : TAU008
E mail ID : cmvau@becbgk.edu
(College official ID), cmveerendra@gmail.com
(Personal mail ID)
Contact details : H. No. S-56, Sector No. 62, Navanagar, Bagalkot
Orcid ID : <https://orcid.org/0000-0001-6809-6203>
Scopus ID : 55675944700
Vidwan Id : 125029
Google Scholar ID : oYiL2oQAAAAJ
Qualification : B. E. (Auto), M. Tech. (Machine Design), Ph. D. (Machine Design)

Professional Experience
Teaching experience : 23 years
Industry experience :

Administrative Responsibilities :

1. Coordinator, BEC – Bosch Rexroth Centre of Competence in Industrial Automation (2010 – Till date)
2. Warden, BEC Hostels (2008 - 2020)
3. Deputy Chief warden, BEC Hostels (2020 – Till date)
4. Member, Question Paper printing unit of Autonomous Exam Section (2009-10 to 2016- 17)
5. Coordinator, Valuation Section, BEC Autonomous Exam Section (2017 – 18 to 2020 21)

Teaching : Subjects Taught:

1. Mechanics of materials
2. Autotronics
3. Earth Moving Equipment and Tractors
4. Automotive Chassis and control systems
5. Machine Design – 1
6. Hydraulics and Pneumatics
7. Computer concepts and C programming (1998 to 2008 for I year students)

No. of Projects Guided

UG : 15
PG :

Research

Interest Area : 1. Machine Design
2. Automotive Engineering

Journals (with citations) : 1. “Synthesis of Planar Adjustable Six Bar Mechanism with Rocker as Output Link”, International Journal of Applied Engineering Research(IJAER), ISSN 0973-4562 Volume 7, Number 13 (2012) pp. 1537-1543

Conferences : 1. “Stress Analysis of Threaded Fasteners”, National Conference on “Emerging trends in mechanical Engineering”(ETIME – 2006) BMSCE, Banagalore, 10th – 11th Feb 2006
2. “An Approach to the redistribution of Root Fillet Stress in Spur gear”, National Conference on Recent Advances in Design engineering (RADE 2007) MS Hebbal, VB Math, C M Veerendrakumar, SB Kerur
3. “Synthesis of Adjustable planar four bar mechanisms for function generation”, Proceedings of International conference on advances in mechanical engineering(ICAME, 2009), SVNIT, Surat, 3rd to 5th Aug 2009
4. “Synthesis of Adjustable planar four bar mechanisms for function and path generation”, National conference NCETETA – 09, (Emerging trends in Engineering Technology and applications), Shirdi Sai Engineering College, Anekal, Bangalore, 29th and 30th April 2009
5. “Kinematic synthesis of Planar Adjustable Six bar Mechanism for Specified Output”, Second International Conference on Recent Advances in Engineering Sciences, MSRIT, Bengaluru, ISBN:978-1-944541-66-8, PP 15, 8th and 9th September 2016
6. “Optimal synthesis of Eight bar Mechanism for Specified Path Generation with Variable Topology”, Second International Conference on Recent Advances in Engineering Sciences, MSRIT, Bengaluru, ISBN:978-1-944541-66-8, PP 15, 8th and 9th September 2016

Events Organized

: 1. Workshop on CRDI system and Vehicle Diagnostics By Bosch training (Automotive) centre, Hubli, 6th March to 14th March 2014
2. International Conference on Applied Science Engineering and Technology @ Sri Sairam College of Engineering (SSCE), Anekal, Bengaluru, 6th and 7th June 2016

3. TEQIP sponsored one day workshop for students on FEM in association with Royota Engineering, Bangalore

**Conferences/ Symposiums/
Workshops/ Training
Programs Attended**

1. “Train – the – trainer” Program on Industrial Automation Technology at VTU-BOSCH Rexroth centre of competence in Automation Technology, Mysore
2. Bosch training @ Wurzburg, Germany at Wurzburg, Germany
3. Workshop on “Research Methodologies and Latex” Organized by e-Learning centre, Mysore at SJB institute of technology, Bangalore
4. Engine Emission Formation and Control at Dept of Civil Engg, IIT, Kanpur
5. Optimization for Engineering Design at Dept of Engg Design, IIT, Madras
6. Capacity Building Towards Quality Teaching and Learning at Dept of Management Studies, IISc, Bangalore
7. Executive Education Program on Management Capacity Enhancement Programme for Administrative Heads of BEC, Bagalkot at Indian Institute of Management, Bangalore
8. Two days international symposium on “Emerging Technologies for Sustainable Development” at BEC, Bagalkot
9. FDP on Robotics and Automation at IIT, Kanpur at IIT, Kanpur