

Department of Mechanical Engineering
Government of Engineering College Thrissur.

Bio-Data



1. Name : D. Mahipal
2. Designation : Associate Professor
3. Date of birth : 20-05-1967
4. Highest qualification : M. Tech.
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6. Date of joining GEC Trichur : 29-03-2007
7. No. of FDPs/STTPs or other events conducted : 4
8. No. of FDPs/STTPs/Workshops attended : 4
as participant
9. No. of Conferences attended as participant : 1
10. No. of funded research projects received : 1 (CERD)
(CERD/TEQIP/MODROBT etc.)
11. Details of additional charges at institute level : TEQIP Coordinator, ME Dept, Coordinator
Water Supply System
12. No. of Journal Publications : 2
13. No. of publication in International conferences : 5
14. No. of publication in National conferences : 1

PUBLICATIONS

INTERNATIONAL CONFERENCE

- 1 D Mahipal, Development of vegetable oil based nano fluids as industrial lubricant, *International conference on materials for future, 2011, GEC Thrissur*
- 2 D MAHIPAL, Tribological studies on aluminium silicon alloy and aluminium silicon carbide composite
International conference on materials for future, ICMF2013, GEC Thrissur
- 3 D MAHIPAL, Mustard Oil as a replacement for Mineral Oil based Lubricants, *International conference on materials for future, ICMF2013, GEC Thrissur*
- 4 D Mahipal, Evaluation of karanja oil(Pongamia Pinnatta) as Bio Degradable base oil for Lubricants, *International conference on advances in tribology(ICAT14)*

NATIONAL CONFERENCE

- 1 D Mahipal, Anti-wear properties of benzoic acid in Karanja oil, *International Journal of Engineering Research and applications (IJERA) Vol 4, Issue 4, April 2014, pp06-08*

- 2 D Mahipal, Analysis of lubrication properties of Zinc- dialkyl-dithio-phosphate (ZDDP) additive on Karanje oil (Pongamia Pinnatta) as a green lubricant, *International Journal of Engineering Research (IJER) Vol 3, Issue 8, pp 494-496, August 2014*
- 3 D Mahipal, Evaluation of tribological properties of vegetable oil by the application of zinc dialkyl dithiophosphate (ZDDP) additive, *National Conference on latest trends in Mechanical Engineering*