

## List of Selected Publications:

1. Satish C. Sharma, **Nathi Ram**, "Influence of Micropolar Lubricants on the Performance of Slot-Entry Hybrid Journal Bearing", Tribology International (**Elsevier**), vol. 44, No. 12, pp. 1852-1863, **2011. (Impact Factor = 2.903)**
2. Satish C. Sharma, Nicodemus E.R. and **Nathi Ram**, "A Study of Misaligned Micropolar Lubricated Membrane Compensated Hybrid Journal Bearing System", ASME Journal of Tribology (**ASME**), vol. 133(3), pp. 031703-1-031703-9, **2011. (Impact Factor = 1.521)**
3. **Nathi Ram**, Satish C. Sharma, "Analysis of Orifice Compensated Non-Recessed Hole-Entry Hybrid Journal Bearing operating with Micropolar Lubricants", Tribology International (**Elsevier**), vol. 52, pp. 132-143, **2012. (Impact Factor = 2.903)**
4. **Nathi Ram**, Satish C. Sharma, "A Study of Misaligned Hole-Entry Worn Journal Bearing Operating in Turbulent Regime", Industrial Lubrication and Tribology (**Emerald**), Vol. 65, No. 2, pp. 108-118, **2013. (Impact Factor = 0.605)**
5. **Nathi Ram**, Satish C. Sharma, "Influence of Wear on the Performance of Non-Recessed Hole-Entry Hybrid Misaligned Journal Bearing in Turbulent Regime", Industrial Lubrication and Tribology (**Emerald**), Vol. 66, No. 4, pp. 509-519, **2014. (Impact Factor = 0.605)**
6. Satish C. Sharma, **Nathi Ram**, "Influence of Couple Stress Lubricant on the Performance of Orifice Compensated Non-Recessed Hole-Entry Hybrid Journal Bearing", Proceedings of STLE/ASME International Joint Tribology Conference IJTC2012, Denver, Colorado, USA, Paper No. IJTC2012-61013; doi: 10.1115/IJTC2012-61013, pp. 143-145, October 7-10, **2012**, Publisher: American Society of Mechanical Engineers. (**Indexed by ASME Digital Library**)
7. **Nathi Ram**, Satish C. Sharma, "Performance of Constant Flow Valve Compensated Hole-Entry Hybrid Journal Bearing operating with Couple Stress Lubricant", **Proceedings of 67<sup>th</sup> STLE2012, Annual Meeting & Exhibition (ISBN: 978-1-62276-248-4)**, St. Louis, Missouri, USA, Manuscript ID-1244032, May 6-10, **2012**.
8. Satish C. Sharma, **Nathi Ram**, "Influence of Micropolar Lubricants on the Performance of an Orifice Compensated Rough Hole-Entry Hybrid Journal Bearing", **Proceedings of 67<sup>th</sup> STLE2012 Annual Meeting & Exhibition (ISBN: 978-1-62276-248-4)**, St. Louis, Missouri, USA, Manuscript ID-1244039, May 6-10, **2012**.
9. **Nathi Ram**, Devendra Sankla, Satish C. Sharma, "Performance of a Constant Flow Valve Compensated Non-Recessed Hole-Entry Hybrid Journal Bearing Operating in Turbulent Regime", **Proceedings of 66<sup>th</sup> STLE Annual Meeting & Exhibition (ISBN: 978-1-61839-105-6)**, Atlanta, Georgia, USA, Manuscript ID-989469, May 15-19, **2011**.
10. Sharma Satish C., **Nathi Ram**, "Performance of an Orifice Compensated Non-Recessed Hole-Entry Hybrid Journal Bearing Operating with Micropolar Lubricant", **Proceedings of 66<sup>th</sup> STLE 2011 Annual Meeting & Exhibition (ISBN: 978-1-61839-105-6)**, Atlanta, Georgia, USA, Manuscript ID-989431, May 15-19, **2011**.
11. Sharma Satish C., **Ram Nathi**, Jain S.C., "Combined Influence of Journal Misalignment and Wear on the performance of Orifice Compensated Non-Recessed Hybrid Journal Bearing in Turbulent Regime", **Proceedings of 65<sup>th</sup> STLE Annual Meeting & Exhibition (ISBN: 978-1-61738-727-2)**, Las Vegas, Nevada, USA, May 16-20, **2010**.
12. Satish C. Sharma, **Nathi Ram**, "Combined Influence of Surface Roughness and Micropolar Lubricant on the Performance of Constant Flow Valve Compensated Hole-Entry Hybrid Journal Bearing", **8<sup>th</sup> International Conference on Industrial Tribology**, Westin Koregaon Park, Pune, India, December 7-9, **2012**.
13. **Nathi Ram**, Satish C. Sharma, "Effect of Couple Stress Lubricant on the Performance of Symmetric and Asymmetric Hole-Entry Hybrid Journal Bearing", **8<sup>th</sup> International Conference on Industrial Tribology**, Westin Koregaon Park, Pune, India, December 7-9, **2012**.
14. **Nathi Ram**, Satish C. Sharma, S.C. Jain, "Influence of Journal Misalignment and Wear on the Performance of Constant Flow Valve Compensated Non-Recessed Hybrid Journal Bearing Operating in Turbulent Regime", **7<sup>th</sup> International Conference on Industrial Tribology**, Ispat Bhawan, SAIL, Ranchi, India, December 2-4, **2010**.

15. **Nathi Ram**, Satish C. Sharma, S.C. Jain, "A Capillary Compensated Hole-Entry Hybrid Misaligned Journal Bearing Operating in Turbulent Regime", **7<sup>th</sup> International Conference on Industrial Tribology**, Ispat Bhawan, SAIL, Ranchi, India, December 2-4, **2010**.
16. **Nathi Ram**, Satish C. Sharma, "Performance of CFV Compensated Asymmetric Roughened Hole-Entry Hybrid Journal Bearing operating with Micropolar Lubricants", **ASIATRIB-2014 International Conference**, Jaypee Palace Hotel & Convention Center, Agra, India, February 17-22, **2014**.
17. **Nathi Ram**, Satish C. Sharma, "Analysis of Hole-Entry Hydrostatic Journal Bearing System operating with Couple Stress Lubricants", Proceedings of International Conference on Advances in Tribology (ICAT14), **Technology Letters CART**, National Institute of Technology Calicut, Kerala, India, pp. 172-175, February 21-24, **2014**.
18. **Nathi Ram**, Satish C. Sharma, "Performance of Circular Symmetric Hole-Entry Worn Hybrid Journal Bearing operating in Turbulent Regime", Proceedings of International Conference on Advances in Tribology (ICAT14), **Technology Letters CART**, National Institute of Technology Calicut, Kerala, India, pp. 176-179, February 21-24, **2014**.