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- 1. **Krishnan, B. Radha,** M. Ramesh, M. Selvakumar, S. Karthick, A. Sasikumar, D. Varun Geerthi, and N. Senthilkumar. "A Facile Green Approach of Cone-like ZnO NSs Synthesized Via Jatropha gossypifolia Leaves Extract for Photocatalytic and Biological Activity." JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS (2020). **Science Citation Index (SCI)**
- 2. **Beemaraj, Radha Krishnan,** Mathalai Sundaram Chandra Sekar, and Venkatraman Vijayan. "Computer vision measurement and optimization of surface roughness using soft computing approaches." Transactions of the Institute of Measurement and Control (2020): 0142331220916056. **Science Citation Index (SCI)**
- 3. **Krishnan, B. Radha,** and M. Ramesh. "Optimization of machining process parameters in CNC turning process of IS2062 E250 Steel using coated carbide cutting tool." Materials Today: Proceedings 21 (2020): 346-350. (**Scopus Indexed**)
- Parthiban, A., A. Mohana Krishnan, B. Radha Krishnan, and V. Vijayan. "Experimental Investigation of Mechanical and Wear Properties of AL7075/Al 2 O 3/MICA Hybrid Composite." Journal of Inorganic and Organometallic Polymers and Materials (2020): 1-9.
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- 6. Karthikeyan, N., **B. Radha Krishnan,** A. VembathuRajesh, and V. Vijayan. "Experimental analysis of Al-Cu-Si metal matrix composite by powder-metallurgy process." Materials Today: Proceedings (2020). (**Scopus Indexed**)
- 7. Sanjeevi, R., G. Arun Kumar, and **B. Radha Krishnan.** "Optimization of machining parameters in plane surface grinding process by response surface methodology." Materials Today: Proceedings (2020). (**Scopus Indexed**)
- 8. Gopan, S. Nandha, A. Vennimalai Rajan, and **B. Radha Krishnan.** "Review of Bio-diesel production from waste cooking oil and analyze the IC engine performance." Materials Today: Proceedings (2020). (**Scopus Indexed**)

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- **12. Radha Krishnan, B.,** Vijayan, V., Parameshwaran Pillai, T. and Sathish, T., 2019. Influence of surface roughness in turning process—an analysis using artificial neural network. Transactions of the Canadian Society for Mechanical Engineering, 43(4), pp.509-514. **Science Citation Index (SCI)**
- 13. **Krishnan, B. Radha,** and M. Ramesh. "Experimental evaluation of Al-Zn-Al2O3 composite on piston analysis by CAE tools." Mechanics and Mechanical Engineering 23, no. 1 (2019): 212-217. (**Scopus Indexed**)
- 14. **Krishnan, B. R.,** V. Vijayan, and G. Senthilkumar. "Performance analysis of surface roughness modelling using soft computing approaches." Applied Mathematics and Information Sci 12, no. 6 (2018): 1209-1217. (**Web of Science**)
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## **BOOK PUBLICATION**

1. **Radha Krishnan B.**, Mathalai Sundaram C., "Analysed the Machining Characteristics by using Nano Cutting Fluids" LAP LAMBERT Academic Publishing; **ISBN-13:978-620-0-43688-7**; **ISBN-10:**6200436886; **EAN:**9786200436887