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Total Experience (in years): 15

Research Area: CAD/CAM, Materials, Biodiesel, Waste reduction

Recent Publications:

1. **Sivakumar S**, Dhanalakshmi V and Vishnuvardhan R “Extraction of Subtractive Features of Prismatic Parts from STEP File for CAD/CAM Integration” Journal of Science and Technology, Malaysia, Vol. 27 (1), 343-356, Jan. 2019.
2. R. Sathishkumar, **S. Sivakumar**, A. Joshua, G. Deenadayalan, R. Vishnuvardhan, “Data set on optimization of ethyl ester production from sapota seed oil” Data in Brief, Vol – 25, Aug 2019.
3. A. John Presin Kumar, **S. Sivakumar**, R. Balaji, Mukesh Nadarajan, “Banana Stem based Activated Carbon as Filler in Polymer Composites for Automobiles”, SAE conference, ADMMS’19, SAE Technical papers, Oct 2019.
4. R. SathishKumar, **S. Sivakumar**, A. Joshua, G. Deenadayalan, R. Vishnuvardhan, “Experimental Investigation on Mechanical Properties and Vibration Damping Frequency Factor of Kenaf Fibers Reinforced Epoxy Composite”, SAE conference, ADMMS’19, SAE Technical Papers, Oct 2019.
5. Vishnuvardhan R, Rahul R Kothari and **Sivakumar S**. “Experimental Investigation on Mechanical Properties of Sisal Fiber Reinforced Epoxy Composite” Materials Today Proceeding 18 (2019) 4176–4181.
6. Balaji R, **Sivakumar S**, Mukesh Nadarajan, Ashish Selokar, “A Recent Investigations : Effect of Surface Grinding on CFRP using Rotary Ultrasonic Machining” Materials Today Proceeding, 18 (2019) 5209–5218.