

Dr. P. SAMPAUL,PME Publication Details

1. DS Shylu, **P Sam Paul**, DJ Moni, JAM Helan - Telkomnika, 2020," A power efficient delta-sigma ADC with series-bilinear switch capacitor voltage-controlled oscillator", Telkomnika, Vol:18, Issue:5
2. DS Shylu, **P Sam Paul**, D Jackuline Moni, J Arolin Monica Helan,2020," A power efficient delta-sigma ADC with series-bilinear switch capacitor VCO", TELKOMNIKA (Telecommunication Computing Electronics and Control),Vol:18, Issue:5
3. G Lawrance, **P Sam Paul**, M Ezhil, JE Ashish, R Gokul, 2020, "Influence of stainless steel impact damper on tribological properties during boring process ", Materials Today: Proceedings
4. X Ajay Vasanth, **P Sam Paul**, AS Varadarajan,2020, "A neural network model to predict surface roughness during turning of hardened SS410 steel", Springer India, Vol:11, pp:704- 715
5. John, V., Sam, S., Radha, S., **P Sam Paul**.S. and Samuel, J. (2020), "Design of a power-efficient Kogge–Stone adder by exploring new OR gate in 45nm CMOS process", Circuit World, Vol. 46 No. 4, pp. 257-269
6. G Lawrance, E Daniel, **P Sam Paul**, J Shaji, T Thankachan 2020, "Study on the Influence of Multi-Layered Nano Metal Oxide Coating on Cutting Performance During Boring of Hardened Steel", Materials Today: Proceedings, Vol:22, pp:1731-1736
7. JS Kumar, **P Sam Paul**, G Raghunathan, DG Alex,2019, "A review of challenges and solutions in the preparation and use of magnetorheological fluids", International Journal of Mechanical and Materials
8. G Lawrance, **P Sam Paul**, XA Vasanth, AS Varadarajan, 2019,"Influence of magnetorheological elastomer on tool vibration and cutting performance during boring of hardened AISI4340 steel",Journal of Mechanical Science and Technology volume 33, pages1555–1561
9. XA Vasanth, **P Sam Paul**, G Lawrance, AS Varadarajan ,2019, "Vibration control techniques during turning process: a review", Australian Journal of Mechanical Engineering,pp:1-21
10. G Chandrashekar, W Raj, C Godwin, **P Sam Paul**, 2018, "Study On The Influence Of Shaft Material On Vibration In Rotating Machinery", Materials Today: Proceedings,Issue:5,pp:12071-12076.
11. **P Sam Paul**, P Raja, P Aruldas, S Pringle, E Shaji,2018, "Effectiveness of particle and mass impact damping on tool vibration during hard turning process", Proceedings of the Institution of Mechanical Engineers ,Issue:5, pp:776-786.
12. G Lawrance, **P Sam Paul**, AS Varadarajan, AP Praveen,2017, "Attenuation of vibration in boring tool using spring controlled impact damper", International Journal on Interactive Design and Manufacturing,Issue:4,pp:903-915.
13. **P Sam Paul**, CKS Kumar, M Joshua, S Vignesh, 2017," Study on the influence of magnetorheological fluid on tool vibration during end milling process" , International Journal of Dynamics and Control,Issue:3, pp:696-703
14. RV Daniel, **P Sam Paul** ,SA Siddhappa, SB Gajanan, SV Philip,2017," Effect of bearings on vibration in rotating machinery", IOP Conference Series: Materials Science and Engineering, Vol:225,pp:122-126.

15. **P Sam Paul**, KS Sunil, AS Varadarajan,2017," The effect of cutting parameters on tool vibration during magnetorheological fluid controlled turning bar", Int J Acoust Vib,Vol:22,pp:27-33.
16. **P Sam Paul**, DS Shylu, AS Varadarajan,2017," Prediction of fusion-based tool wear with signals from inbuilt sensor turning tool", International Journal of Advanced Mechatronic Systems,Issue:6,pp:368-377
17. **P Sam Paul**, FW Raj ,2017," Effect of Heat Treatment on Acoustic Emission Signals during Turning of Hardened Steel.", Romanian Journal of Acoustics & Vibration,Issue:1.
18. **P Sam Paul**, AS Varadarajan, RR Gnanadurai ,2016," Study on the influence of fluid application parameters on tool vibration and cutting performance during turning of hardened steel", Engineering Science and Technology,Issue:1,pp:241-253.
19. **P Sam Paul**, D Madhan, R Manikandan, J Joseph,2016," Effect of Fluid Viscosity and Iron-Fluid Composition on Damping Ability of Magnetorheological Damper during Hard Turning Process", International Journal of Mechanics and Design, Issue:2,pp:1-13
20. **P Sam Paul**, AS Varadarajan ,2016," Investigation on the influence of calcium Fluoride and Barium Fluoride on cutting performance during hard turning with minimal fluid application", International Journal of Manufacturing and Materials Processing,Issue:2,pp:17-26.