



Savitribai Phule Shikshan Prasarak Mandal's

SKN SINHGAD COLLEGE OF ENGINEERING

Accredited by NAAC with "A"Grade

(Approved by AICTE & Affiliated to Solapur University, Solapur.)

At Post- Korti, Taluka-Pandharpur, District-Solapur, Pin-413304

Research Publications in International Conference by Faculty

AY 2018-19

| Sr. No. | Name of faculty member | Title of Research Paper | International /National/Other | Type of Journal | Journal details | Impact factor |
|---------|------------------------|--|-------------------------------|-----------------|---|---------------|
| 1 | P. P. kulkarni | Tie Rod Design : A Review | International | IJCET | Vol.7, No.6 (Nov/Dec 2017) | 7.151 |
| 2 | R. T. Vyavahare | Effect of elliptical holes on vibration characteristics of circular disc | International | (IJERT | Vol.7. ISSN 5 No. 2278-0181. 2018 | 5.558 |
| 3 | S. G. Kulkarni | Effect of Bagasse ash reinforcement on Al356 matrix composite manufactured by two stage stair casting | International | (IJCET) | Vol.8. ISSN 5 No. 2277-4106. 2018 | 7.151 |
| 4 | S. G. Kulkarni | Characterization and processing of heat treated Aluminum matrix composite | International | ICP | Aip Conference proceeding -2018 | - |
| 5 | A. S. Aradhye | Performance improvement by implementing Kanban in service sector | International | IJERT | - | 5.558 |
| 6 | S. A. Sonawane | Multi-Response Optimization of Wire Electrical Discharge Machining for Titanium Grade-5 by Weighted Principal Component Analysis | International | IJETI | 8 (2) ISSN-2223- 5329 pp133- 145,2018 | 0.67 |

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|----|-----------------|--|----------------------|---------|---|--------|
| 7 | S. A. Sonawane | Optimization of machining parameters of WEDM for Nimonic-75 alloy using principal component analysis integrated with Taguchi method | International | JKSUES | Vol.30 (3), pp250-258,July-2018 | 2.296 |
| 8 | S. A. Sonawane | Influence of Helicoidal Crack on Dynamic Behavior of Rotating Shaft | International | IJMPER | - | 7.6197 |
| 9 | S. A. Sonawane | Multi-Response Optimization of Wire Electrical Discharge Machining for Titanium Grade-5 by Weighted Principal Component Analysis | International | IJETI | vol. 8 (2)pp 133-14,2018 | 1.013 |
| 10 | S. S. Kulkarni | A theoretical model for predicting the vibration response of outer race defective ball bearing | International | IJETE | Vol.7,2018. | 1.013 |
| 11 | S. A. Sonawane | Multi-quality Response Optimization of Wire EDM for Ni-75 using PCA based Utility theory | International | MTP | Vol.5 (2P1), pp4584-4591,2018. | - |
| 12 | S. A. Sonawane | Application of utility concept approach for multi-response optimisation of wire electrical discharge machining during profile cutting of Inconel-625 | International | IJMMM | Vol.20 (1),pp 13-47,ISSN-1748-5711,2018 | - |
| 13 | S. A. Sonawane | Multi-Feature Optimization of WEDM for Ti-6Al-4V by Applying a Hybrid Approach of Utility Theory Integrated With the Principal Component Analysis | International | IJMFMP | (IJMFMP Jan-2018 | - |
| 14 | S. S. Kulkarni | Interoperability of international standards,condition monitoring methods and research models for bearing fault an integrated approach | International | SDPMICP | Vol.22pp982-989,2018 | - |
| 15 | R. T. Vyavahare | Vibrational Response and Mechanical Properties | International | ACP | Aip Conference proceeding -2018 | - |