1, Comparative study of cloud platforms to develop a Chatbot

Authors: Amit Patil, K Marimuthu, R Niranchana

Publication date: 2017

Journal: International Journal of Engineering & Technology

Volume: 6 Issue: 3 Pages: 57-61

2, Total hip arthroplasty using a short-stem prosthesis: restoration of hip anatomy

Authors: Tomas Amenabar, Kanniraj Marimuthu, Gabrielle Hawdon, Alessandro Gildone,

Stephen McMahon Publication date: 2015/4

Journal: Journal of orthopaedic surgery

Volume: 23 Issue: 1 Pages: 90-94

Publisher: SAGE Publications

3, Evaluating lean implementation performance in Indian MSMEs using ISM and AHP models

Authors: MM Ravikumar, K Marimuthu, P Parthiban

Publication date: 2015

Journal: International Journal of Services and Operations Management

Volume: 22 Issue: 1 Pages: 21-39

Publisher: Inderscience Publishers (IEL)

4, Optimization of machining parameters of Al6061 composite to minimize the surface roughness - moelling using RSM and ANN

Authors: K.Marimuthu and T.Ramachandran S.Jeyakumar

Publication date: 2015/2

Journal: Indian Journal of Engineering and Material Sciences

Volume: 22 Pages: 29-37

5, Computational study of Coanda based Fluidic Thrust Vectoring system for optimising Coanda geometry

Authors: R Bharathwaj, P Giridharan, K Karthick, C Hari Prasath, K Prakash Marimuthu

Publication date: 2016/9

Journal: IOP Conference Series: Materials Science and Engineering

Volume: 149 Pages: 012210

6, Evaluating lean execution performance in Indian MSMEs using SEM and TOPSIS models

Authors: MM Ravikumar, K Marimuthu, P Parthiban, H Abdul Zubar

Publication date: 2016

Journal: International Journal of Operational Research

Volume: 26 Issue: 1

Pages: 104-125

Publisher: Inderscience Publishers (IEL)

7, Tsunami wave impact on structures

Authors: PL Meyappan, Akhila Roy, J Abhijith, MNV Ramesh, K Prakash Marimuthu

Publication date: 2015

Journal: International Journal of Applied Engineering Research

Volume: 10 Issue: 50 Pages: 2015

8, Patient-specific cutting guides for total knee arthroplasty

Authors: Samuel MacDessi, Kanniraj Marimuthu, Venkatesan S Kumar, Darren Chen, Ian A

Harris

Publication date: 2017/3

Journal: The Cochrane Database of Systematic Reviews

Volume: 2017

Issue: 3

Publisher: John Wiley and Sons, Inc. and the Cochrane Library

9, 2D finite element thermo-mechanical model to predict machining induced residual stresses using ALE approach

Authors: K Prakash Marimuthu, CS Chethan Kumar, HP Thirtha Prasada

Publication date: 2018/1/1

Journal: Materials Today: Proceedings

Volume: 5 Issue: 5

Pages: 11780-11786 Publisher: Elsevier

10, Graphene-based nano metal matrix composites: A review

Authors: Rajesh Jesudoss Hynes Navasingh, Ramar Kumar, Kathiresan Marimuthu,

Senthamaraikannan Planichamy, Anish Khan, Abdullah Mohamed Asiri, Mohammad Asad

Publication date: 2019/1/1

Book: Nanocarbon and its Composites

Pages: 153-170

Publisher: Woodhead Publishing

11, Mathematical modelling to predict the residual stresses induced in milling process

Authors: K PRAKASH Marimuthu, CS CHETHAN Kumar, HP THIRTHA Prasada

Publication date: 2018

Journal: Int. J. Mech. Prod. Eng. Res. Dev

Volume:8 Issue: 1

Pages: 423-428

12, Determinants of Rural Livelihood Diversification among Small-scale Producers: The case of Kamba District in Ethiopia

Authors: Melkamu Mada, Mesfin Menza

Publication date: 2015

Journal: Asian Journal of Research in Business Economics and Management

Volume: 5 Issue: 5 Pages: 44-52

Publisher: Asian Research Consortium

13, Characterization of natural fiber reinforced polymer composites

Authors: PC Abhemanyu, E Prassanth, T Navin Kumar, R Vidhyasagar, K Prakash Marimuthu,

R Pramod

Publication date: 2019/3/8

Journal: AIP Conference Proceedings

Volume: 2080

Issue: 1

Pages: 020005

Publisher: AIP Publishing LLC

14, Finite element simulation and experimental validation of the effect of tool wear on cutting forces in turning operation

Authors: S Sai Venkatesh, TA Ram Kumar, AP Blalakumhren, M Saimurugan, K Prakash

Marimuthu

Publication date: 2019/7/10

Journal: Mechanics and Mechanical Engineering

Volume: 23 Issue: 1

Pages: 297-302 Publisher: Sciendo

15, Coupled temperature displacement model to predict residual stresses in milling process

Authors: Monangi Pramod, Narahari Varun Reddy, Viswajit Talluru, Yarkareddy Gopi Reddy,

KP Marimuthu

Publication date: 2017/8

Journal: IOP Conference Series: Materials Science and Engineering

Volume: 225 Pages: 012026

16, Development of low-cost plotter for educational purposes using Arduino

Authors: Siriparapu Karthik, Palwai Thirumal Reddy, K Prakash Marimuthu

Publication date: 2017/8

Journal: MS&E Volume: 225 Issue: 1

Pages: 012019

17, Development and investigation of mechanical properties of PEEK fine particles reinforced UHMWPE composites

Authors: S Selvam, K Marimuthu

Publication date: 2016

Journal: Int. J. Appl. Eng. Res

Volume: 11 Pages: 1298-1303

18, Performance Test of Cryogenically Treated and Coated Tungsten Carbide Cutting Inserts

Authors: YP Deepthi, K Prakash Marimuthu, K Raghavendra Ravi Kiran

Publication date: 2015

Conference: Applied Mechanics and Materials

Volume: 813 Pages: 575-580

Publisher: Trans Tech Publications Ltd

19, Suitability of Composite Material in Tsunami Resistant Design

Authors: PL Meyyappana, C Sivapragasama, T Sekarb, Prakash Marimuthu Kc

Publication date: 2015/1/1 Journal: Aquatic Procedia

Volume: 4 Pages: 397-4 Publisher: Elsevier

20, Numerical validation of drilling of Al6061-T6 with experimental data

Authors: Prashant Elango, K Prakash Marimuthu

Publication date: 2019/7/10

Journal: Mechanics and Mechanical Engineering

Volume: 23 Issue: 1

Pages: 287-290 Publisher: Sciendo

21, Wear properties of natural fibre composite materials

Authors: PC Abhemanyu, E Prassanth, T Navin Kumar, R Vidhyasagar, K Prakash Marimuthu

Publication date: 2019/3/8

Journal: AIP Conference Proceedings

Volume: 2080

Issue: 1

Pages: 020006

Publisher: AIP Publishing LLC

22, Optimization of parameters effecting the heat recovery from a sand casting process

Authors: VS GopalaKrishna, K Prakash Marimuthu

Publication date: 2018/10/26

Journal: Periodicals of Engineering and Natural Sciences

Volume: 6 Issue: 2

Pages: 100-108

23, Product opinion analysis using text mining and analysis

Authors: K Marimuthu, Anuj Shankar, Rashmi Ranganathan, R Niranchana

Publication date: 2018

Journal: International Journal of Smart Grid and Green Communications

Volume: 1 Issue: 3

Pages: 227-234

Publisher: Inderscience Publishers (IEL)

24, A Comparative Analysis and Effect of Water Depth on the Performance of Single Slope Basin Type Passive Solar Still Coupled with Flat Plate Collector and Evacuated Tube Collector

Authors: Samraj Balamurugan, N Shanmuga Sundaram, K Prakash Marimuthu, J Devaraj

Publication date: 2017

Conference: Applied Mechanics and Materials

Volume: 867 Pages: 195-202

Publisher: Trans Tech Publications Ltd

25, Smarter Way to Access Multiple Mobile Cloud Applications without Interoperability Issues

Authors: P Thanapal, K Marimuthu, S Rajkumar, R Niranchana

Publication date: 2017

Journal: International Journal of Wireless and Microwave Technologies (IJWMT)

Volume: 7 Issue: 5 Pages: 32-39

26, Is Cloud Secure?

Authors: B Balamurugan, Karuppiah Marimuthu, Soundrapandiyan Rajkumar, Alenezi

Mamdouh, R Niranchana Publication date: 2016

Journal: IJCSE Volume: 4 Issue: 10

Pages: 126-129

27, Computational intelligence-based cell nuclei segmentation from Pap smear images

Authors: Savitha Balakrishnan, Subashini Parthasarathy, Krishnaveni Marimuthu

Publication date: 2016

Book: Biomedical Image Analysis and Mining Techniques for Improved Health Outcomes

Pages: 262-284

Publisher: IGI Global

28, Investigation on the morphology, thermal properties, and in vitro cytotoxicity of the fish scale particulates filled high-density polyethylene composite

Authors: C Balaji Ayyanar and K Marimuthu

Publication date: 2019/8/7

Journal: Polymers and Polymer Composites

Publisher: https://sagepub.com/journals-permissions

29, Investigation on the morphology, thermal properties, and in vitro cytotoxicity of the fish scale particulates filled high-density polyethylene composite

Authors: C Balaji Ayyanar and K Marimuthu

Publication date: 2019/8/7

Journal: Polymers and Polymer Composites

Publisher: https://sagepub.com/journals-permissions

30, Characterization of Mechanical Properties of Epoxy Reinforced with Glass Fiber and Coconut Fiber

Authors: K Prakash Marimuthu, S Mohan Kumar, V Ravi Kumar, HK Govindaraju

Publication date: 2019/1/1

Journal: Materials Today: Proceedings

Volume: 16 Pages: 661-667 Publisher: Elsevier

31, Numerical Simulation of Sequential orthogonal cutting of Aluminium 6061 Alloy

Authors: Chettinti Guna Sekhar, Nikhil Sarika, K Prakash Marimuthu

Publication date: 2018

Journal: IOP Conf. Ser. Mater. Sci. Eng.

Volume: 377 Pages: 12016

32, Secure Protocol for Subscriber Identity Module

Authors: Akshat Pradhan, K Marimuthu, R Niranchana, P Vijayakumar

Publication date: 2017/2/3

Conference: 2017 Second International Conference on Recent Trends and Challenges in

Computational Models (ICRTCCM)

Pages: 358-362 Publisher: IEEE

33, Healthcare Products Management and System Analy-sis in Cloud Computing Environment (Salesforce)

Authors: Rushikesh Shingade, K Marimuthu, A Nagaraja Rao, R Niranchana

Publication date: 2017

Journal: Advances in Computational Sciences and Technology

Volume: 10 Issue: 9

Pages: 2823-2834

34, 2d finite element analysis of inconel 718 under turning processes

Authors: G Chandra Mouli, K Prakash Marimuthu, T Jagadeesha

Publication date: 2020/8/1

Journal: IOP Conference Series: Materials Science and Engineering

Volume: 912 Issue: 3 Pages: 032021

Publisher: IOP Publishing

35, Type-specific classification of bronchogenic carcinomas using bi-layer mutated particle swarm optimisation

Authors: P Balamurugan, AM Viswa Bharathy, K Marimuthu, R Niranchana

Publication date: 2020

Journal: International Journal of Computer Aided Engineering and Technology

Volume:13 Issue: 3

Pages: 360-370

Publisher: Inderscience Publishers (IEL)

36, Mechanical and Metallurgical Properties of Hybrid Composite Material

Authors: V Karthi, K Marimuthu, G Boopathy, N Ramanan

Publication date: 2020

Book: Proceedings of ICDMC 2019

Pages: 387-392

Publisher: Springer, Singapore

37, Numerical Simulation of Back-Extrusion Process

Authors: Ch Bhanu Vardhan, K Prakash Marimuthu

Publication date: 2020

Book: Advances in Materials and Manufacturing Engineering

Pages: 29-37

Publisher: Springer, Singapore

38, Experimental Analysis of Mechanical And Metallurgical Properties of Polymer Matrix composites material for wear reduction in Gears

Authors: Dr. K.Marimuthu V.Karthi

Publication date: 2019/8

Journal: Caribbean Journal of Science

Volume: 53 Issue: ISSUE 2 Pages: 2265-2276

39, Finite Element Modelling of Temperature in Machining of Duplex Stainless Steel (DSS)

2205

Authors: N Subhash, K Prakash Marimuthu, T Jagadeesha

Publication date: 2019/7

Journal: Journal of Physics: Conference Series

Volume: 1240

Issue: 1

Pages: 012147

Publisher: IOP Publishing

40, Experimental Investigations of Nylon 6 polymer matrix composites material (70:30) for wear reduction in Gears

Authors: Dr. K.Marimuthu V.Karthi

Publication date: 2019

Journal: Indian Journal of Engineering & Materials Sciences

41, Drilling simulation of Fibrous Composites

Authors: Prashant Elango, Yadhu Krishnan, A Sriraj, K Prakash Marimuthu

Publication date: 2018

Journal: International Journal of Vehicle Structures & Systems

Volume: 10 Issue: 5

Pages: 329-331

Publisher: MechAero Foundation for Technical Research & Education Excellence

42, OPTIMIZATION OF FORMABILITY OF TAILOR-WELDED BLANKS

Authors: OPTIMIZACIJA OBLIKOVANJA PRILAGOJENIH VARJENIH

Publication date: 2018/1/1 Journal: OPTIMIZATION

Volume: 151 Pages: 155