Table of Contents

1. Friction and Wear Properties of Hardfacing Alloys 1-6
Jagdeep Kumar, Rajiv Kumar and Kuldeep Singh

2. Current Harmonics Mitigation of the Grid Connected Industrial Power Converter by using Optimized Passive Filters 7-12
Dinesh Kumar

3. Risk based Optimal Ranking of Polluted Cities in a Fuzzy Environment: A Case Study 13-18
Ashok Deshpande and Jyoti Yadav

4. Reduction of Losses in Distribution Systems 19-24
Mohan Kashyap and Satish Kansal

5. Numerical Investigation of Solar Air Heater with New Design Offset Finned below the Absorber Plate 25-30
Shalini Rai, Prabha Chand and Sharma S P

6. Image De-noising Techniques: A Review Paper 31-35
Sangeeta Rani and Pankaj Dev Chadha

7. Simulation and Analysis of Two Area System Comprising Wind and Conventional Energy Sources 36-41
Ankush Gupta, Sanjeev Kumar and Kusum

8. Sentiment Analysis: An Overview 42-46
Pallavi Pandey, Anil Saroliya and Varun Sharma

9. An Insight into Antenna Classification and Applications 47-54
Yogita Sharma and Gaurav Banga

10. Big Data Alliance with MapR Technology to Govern Indian Election Panorama 55-61
Gagandeep Jagdev and Amandeep Kaur

11. Apposite Utilization of Big Data in Retail using Hadoop Ensures Economic Growth 62-68
Gagandeep Jagdev and Ramandeep Kaur

12. A Study of Image Denoising Technique using Bilateral Filtering Method 69-74
Komal Rani and Gaurav Banga

Grenze ID: 02.IETET.2016.5. F9
© Grenze Scientific Society, 2016

13. A Review on DSDV and PSO Routing Protocols for Ad-hoc Network 75-78
Anita and Ankur Gupta

14. Comparative Study of Different Types of Voltage Stabilization Schemes 79-84
Ranu Kumar and Vijayendra Kumar

15. Integration of Hybrid Renewable Energy Source into Smart Micro-Grid 85-91
Rahul Tusia and Aman Tusia

16. Optimization Technique to Enhance the Energy Efficiency in WSN 92-97
Pooja Devi, Shikha Bhardwaj and Aman Tusia

17. Use of DVR & LVRT System for Controlling the ESS in PMSG Turbine 98-104
Jai Singh Arya and Aman Tusia

18. Designing of Rectangular Microstrip Patch Antenna for IMT Advance (4G) with Best Impedance Matching 105-109
Anju Munday, Anu chaudhary and Swati Bhasin

19. Performance Analysis of Different Feeding Techniques 110-115
Anu Chaudhary, Anju Munday and Swati Bhasin

20. Fault Detection in WSN and MANET 116-121
Amanpreet Kaur and Gaurav Banga

21. Survey of Cluster based IDS using Data Mining 122-127
Manisha Kansra and Pankaj Dev Chadha

22. Survey of AODV Black Hole Attack using WSN 128-132
Akshay Kansra and Ankur Singhal

23. A Study on Various Blackhole Attacks Measures and Methods 133-138
Jyoti Chauhan and Sahil Gupta

24. A survey of Energy Efficient Clustering in Wireless Sensor Network 139-142
Astha Gaur and Tarun Kumar Dhiman

25. Estimation of Seasonal Variation of Radon, Thoron and Their Progeny Levels in Some Textile Industrial Units of Panipat, Haryana 143-146
Garg A K, Chauhan R P, Chetna Narula and Era Garg

26. Content based Image Retrieval System: A Review 147-149
Radha Rani and Tarun Kumar

27. Time Management 150-153
Himani Sharma, Amrita Mohan and Jagdeep Kumar

28. Sensitivity Analysis and Optimization of DG Capacity for Power Quality Improvement by using GA 154-160
Sanjeev Kumar, Kusum and Ankush Gupta

29. Effect of Rice Husk Ash and Sugar Mill Waste as Admixture on Clay Soil 161-166
Surbhi Lall

30. Hop by Hop Virtual Energy based Authentication Scheme for Wireless Sensor Network 167-172
Kusum, Sanjeev Kumar and Ankush Gupta

31. Load Frequency Control in Three Areas System by using Fuzzy Logic Controller 173-178
Rennagoyal and Harvinder Singh

32. A Survey on Multi-Objective Node Deployment Technique in Wireless Sensor Networks 179-183
Ruby Saini and Mohit Lalit

33. Various Clustering Schemes in Wireless Sensor Network 184-188
Pooja Keshwer and Mohit Lalit

34. Clustering in Data Mining: A Review 189-192
Amandeep Kaur and Tarun Dhiman

35. Congestion Control Mechanisms in MobileAd-Hoc Networks A Survey 193-199
Sonam, Sahil Batra and Renu Popli

36. Simple Comparison of Convergence of General Iterations and Effect of Variation in Various Parameters 200-206
Prasad B and Komal Goyal

37. Trust Management for Mobile Ad Hoc Networks 207-212
Himanshi Ashri, Sahil Batra and Renu Popli

38. Survey of Energy Efficient Leach Protocol in WSN 213-218
Swati Gupta and Gaurav Banga

39. Direct in Vitro Shoot Regeneration of Cicer Arietinum L. from Decapitated Embryo Axes Explants 219-222
Jaya Srivastava and Pallavi Sinha

40. Two Phase Flow Pressure Drop of Pure and Mixed Refrigerants in Flow Boiling 223-229
Arijit Kundu and Ravi Kumar

41. Mode Shape Analysis of Free-Free Beam 230-233
Apoorva Parijat, Shankar Sehgal, Tajinder Pal Singh and Harmesh Kumar

42. Study the Mechanical Properties of Hybrid Fiber Reinforced Concrete 234-240
Gaurav Nadda and Parvesh Rai

43. Use of Energy Efficient Electric Motors in Rice Mill Industry: A Case Study 241-244
Ranjit Singh and Arvind Dhingra

44. Simulation & PCB Designing of Digital Circuits using Toolkit for Interactive Network Analysis Software 245-249
Ajay Beniwal, Priya, Ekta, Kirti Saini and Shefali

45. Analysis of NoSQL Databases: A Comparative Study 250-255
Amandeep Kaur and Kanwalvir Singh Dhindsa

46. Analysis of Task Scheduling Algorithms using Cloud Computing 256-260
Amtoj Kaur and Kanwalvir Singh Dhindsa

47. Electro Conductive Knitted Structure: An Over View 261-265
Dharmendra Nath Pandey, Arindam Basu and Pramod Kumar

48. Simulation of Solar Power Plant using Artificial Intelligence with MATLAB/Simulink 266-271
Rajeev Kumar, Aadesh Kumar Arya and Anurag Choudhary

49. Security in Wireless Sensor Networks using Key Management 272-276
Ruchi Gupta and Ravi Kumar

50. Layered Structure Implementation Model for Trust based System Design in MANETs 277-282
Renu Popli, Kanwal Garg and Sahil Batra