DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT
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(Accredited by NBA and NAAC (A+))

Quality Publications for NIRF (ALL DEPARTMENTS)

Department of Computer Science and Engineering

Faculty Publication Details 2021-22

1) Raj Kumar, Smitha, Altaf Raja Anuhya,Dr C Nandini" Controlling Multiple Applications with Hand Gesture Using Convolution Neural Network", International Journal of Creative Research Thoughts (IJCRT), ISSN:2320-2882, Volume.10, Issue 4, pp.e73-e78, April 2022

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4. C. Nandini, Sachin Kumar S, Laasya R, "AI Poker Agent based on Game Theory", First International
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Communication Engineering, ICATIECE-2019, 19th- 20th March 2019, DSATM Bangalore

5. Jahnavi S, C Nandini, "Smart Anti-Theft Door locking System", First International Conference on

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Engineering, ICATIECE-2019, 19th- 20th March 2019, DSATM Bangalore
6. Manasa Sandeep, C Nandini, "Implementation of IoT based smart cooking environment", First
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7. Mr Bhasker Rao K,Dr J Anitha" Regulating weeds & diseases in vegetation using a systematic tech
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11. Manjunath D R, Dr. Thimmaraju S N," Secure and Efficient Energy-Aware Secure Routing (EASER) Protocol for Wireless Sensor Networks", IJCSMC, Vol. 6, Issue. 4, ISSN 2320–088X ,April 2017, pg.61 – 66.

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2. Anitha. J and Nandini 2017, 'Performance Chronicals of Multicast routing in Wireless Sensor Networks', ICIEICE17 International Conference on Innovations in Electrical, Information and Communication Engineering, 24-25th ,March 2017.

3. Manjunath D.R, Dr.Thimraju SN," Design and analysis of energy efficient and secure routing protocol for WSN", International Conference on advances in science and engineering, Bangkok, Thailand, January 20-22, 2017.

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1. Roopa B S, **Dr. R Manjunatha Prasad** "Identification of Best Fit Learning Models Based on Calibration for Better Classification of Autism" International Journal of Engineering and Advanced Technology (IJEAT),ISSN: 2249 – 8958, Volume-9 Issue-3, February 2020

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5. Keerthan, Likith, Chethan, Kiran, **Sumaiya. M N,** "Automatic Movable Smart Road Dividers – IOT Based Solution to Traffic Congestion Problems", International Journal of Innovative Science and Research Technology, Volume 5, Issue 6, June – 2020

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13. **R V Manjunath**, "A few image processing algorithms on DM642", International journal of trend in research and development (IJTRD), ISSN:2394-9333, Volume 6, issue 4, July-August 2019

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1. B. S. Roopa and **R. Manjunatha Prasad**, "Concatenating framework in ASD analysis towards research progress," 2019 1st International Conference on Advanced Technologies in Intelligent Control, Environment, Computing & Communication Engineering (ICATIECE), Bangalore, India, 2019, pp. 269-271, doi: 10.1109/ICATIECE45860.2019.9063816, IEEE Publisher.

2. Roopa B S, **Dr. R Manjunatha Prasad** "Heuristic approaches depicting the impact of Intelligence measures on ASD" VIRTUAL CONCLAVE on COMPUTER VISION IMPELLED TECHNOLOGY (VCCVIT2020) held on September 11-12, 2020, Organized by Dept. of ECE, School of Engineering, Dayananada Sagar University, Bengaluru. ISBN Number: 978-93-5416-894-9, Conclave Proceedings Title: Annals of Computer Vision Impelled Technology by Raja Rammohun Roy National Agency for ISBN, Dept. of Higher Education, Ministry of HRD, Government of India.

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1.Dr. Shanmukha Sundar,"A Novel Method for Contingency Ranking Based on Voltage Stability Criteria in Radial Distribution Systems", Technology and economics of Smart Grids and Sustainable Energy, Jan 2022, (2022) 7:9 DOI: https://doi.org/10.1007/s40866-022-00137-y

2.Dr.P Kasi Vishwanathan,"Evaluating the Role of Carbon Quantum Dots Covered Silica Nanofillers on the Partial Discharge Performance of Transformer Insulation", Journal of Turkish Journal of Electrical Engineering & Computer Sciences, Jan 2022, DOI: 10.3906/elk-2109-43

3.Kiran R,Dr. Shanmukha Sundar,Rajath G R,Ramya S Rajan, Rashmi P, "Optimal Placement of Statcom Based on Novel

Mutated Voltage Stability Index & Optimal Dispatch of Reactive Power Using PSO", International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering ;Impact Factor 7.047,Vol. 10, Issue 1, January 2022,DOI 10.17148/IJIREEICE.2022.10102

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1) **Rupam Bhaduri et. al., "**Supervisory Controller for Power Management of Microgrid using Hybrid Technique", **Springer-Nature** -Transactions on Electrical and Electronic Materials, **USA & Germany**, Issn: 1229-7607, Vol.21, Oct. 2019, pp. 30-47.

2) **K.Shanmukha Sundar et. al**. "Automatic Generation Control Of A Solar-Thermal Deregulated Power System With Hydrogen Energy Storage Unit", International Journal of Scientific and Technology Research, IJSTR, ISSN 2277-8616 Vol. 8, No. 9, Sept. 2019. , PP.1146-1151,

3) **K.Shanmukha Sundar et. al**. "Optimized IDN-FOPD Controller based AGC Loop of a Wind-Solar-Thermal Interconnected Power System with HES and IPFC Units", International Journal of Innovative Technology and Exploring Engineering, ISSN 3075, Vol. 9, No. 1, 2945.

4) **K.Shanmukha Sundar et. al**. "Placement of PMU Optimally and Detection of Events in Power System" , International Journal of Innovative Technology and Exploring Engineering, IJITEE, ISSN: 2278-3075, Vol. 8, No. 12, Oct 2019, PP.2937-2945.

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2) **Rupam Bhaduri et. al**. "Symmetrical & Asymmetrical Fault Analysis of Transmission Line with circuit breaker operation" , **IEEE 2019** 1st International Conference on Advanced Technologies in Intelligent Control, Environment, Computing & Communication Engineering (ICATIECE), ICATIECE, Issn. 978-1-7281-0418-8, April 2020.

3) **K.Shanmukha Sundar et. al**. "Optimal Sizing and Placement of Micro-generators Using Particle Swarm Optimization Algorithm" , Third Springer Conference on Advanced Informatics for Computing Research, (ICAICR-2019), Online ISBN978-981-15-0108-1 **ISSN**1865-0937 volume 1075, September 2019, PP 102-112.

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1) **B R Lakshmikantha et. al**. "Effect of Equivalent Electrical Distance and Voltage Stability Improvement Using DSTATCOM in Radial Distribution System", 1st International Conference on Advanced Technologies in Intelligent Control, Environment, Computing & Communication Engineering, (ICATIECE), 9781-7281-6664-3/20/$31.00 IEEE, 20 March 2019, Pg No 372-377.

2) **B R Lakshmikantha et. al**. "Optimized voltage and frequency control in off-grid Power system", 1st International Conference on Advanced Technologies in Intelligent Control, Environment, Computing & Communication Engineering, (ICATIECE), 978-1-7281-0418-8/19/$31.00 2019 IEEE, 20 March 2019, Pg No383-388.

3) **Ramya S Rajan, Kiran R, Manasa S**. "Comparision of MultiLevel Inverter using Reverse Voltage Topology for Multiple Loads" 2019 1st International Conference on Advanced Technologies in Intelligent Control, Environment, Computing & Communication Engineering (ICATIECE), 2019 1st International Conference on Advanced Technologies in Intelligent Control, Environment, Computing & Communication Engineering (ICATIECE)., **Electronic ISBN:** 978-1-7281-0418-8 **Print on Demand(PoD) ISBN:** 978-1-7281-1266-4, 13 April 2020, 13 April 2020 Pg No 389-392.

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<mark>International Conferences</mark>

1) **Manasa S, Mohan H M, Ramya S Rajan**. "DFT Based Fault Detection Technique For Transmission Lines" First International Conference on Electrical, Electronics, Computers, Communication, Mechanical and Computing (EECCMC) 2018, First International Conference on Electrical, Electronics, Computers, Communication, Mechanical and Computing (EECCMC) 2018, ISSN 978-1-5386-4304- 4 28th & 29th January 2018, Pg No.286-291.

2) **Kiran R et. al.** "SIMO DC-DC Converter with Both Buck Converter And Boost Converter For Different Levels Of DC Output For Multiple Applications." 3rd International Conference on Applied Science Engineering and Technology (ICASET-17), DOI-01.1617/vol4iss3pid0040077   18th -19thMay 2017

3) **Kiran R et. al**. "Optimal Placement of PMUs & Analytics on PMU Data using ANN Technique", IEEE International Conference on Energy, Communication, Data Analytics & Soft Computing, (ICECDS)-2017, ISBN- XPLORE COMPLIANT (978-1-5386- 1887-5), Print (978-1-5386-1886-8), 1st and 2nd Aug. 2017.

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International Journals (2019-20)

1. **Deepthi B. P, Dr. K. N. VISHWANATH: "CURRENT STATUS, CHALLENGES AND NEW APPROACHES FOR COLLECTION AND TRANSPORTATION OF MUNICIPAL SOLID WASTE IN BENGALURU- A REVIEW" JETIR March 2018, Volume 5, Issue 3 www.jetir.org (ISSN-2349-5162)**

2. **Prof. Dr. K N Vishwanath, Prof. Lakshmi H S** "PERFORMANCE EVALUATION AND STRENGTH AUGMENTATION OF CEMENT MORTAR EINFORCED WITH TREATED JUTE FIBRE: A REVIEW" **International Journal of Advance Research in Science and Engineering: Vol. 6, Issue No 07, July 2019: ISSN [Print] 2319-8346**

3. **Mahesh S M[1], Dr. K N Vishwanath[2] "An Experimental Investigation on the Behaviour of Retempered Concrete".** Journal of Research in Civil and Architectural Engineering Volume 3 Issue 1
P 1-14:

Details of research publications of Existing permanent faculty in the last year in reputed Peer reviewed Journals (2019-20)

SL No	Name of Faculty Member	Title of the Research Paper	Year of Publication	Name of the Journal
1	Dr K N Vishwanath	Deflouradation of ground water using Electro Coagulation followed by Adsorption	November 2019	Springer Link
2.	Prof P Girish	Skills & Competencies of construction Project Manage	December 2019	IRJET
3.	Prof P Girish	Soil Stabilization using different stabilizer	November 2019	IRJET
4.	Prof P Girish	Mechanical properties of Fibre reinforced mud Blocks using Natural Fibres	March 2019	IEEE
5.	Prof. Vinay Venkatesh	Experimental Studies on the Mechanical Properties of concrete using coconut coir fibre	February 2019	IRJET
6.	Prof. Vinay Venkatesh	Experimental studies on mechanical Properties of Geo polymer concrete	March 2019	IEEE
7.	Prof. Vinay Venkatesh	Load Deflection Behaviour of Concrete- Filled steel Tube columns under Axial Loading	March 2019	IEEE
8.	Prof. H S Jayatheertha	Stabilization of BCS	March 2019	IEEE
9.	Prof. H S Jayatheertha	Studies on Laboratory performance on Bio-enzyme Stabilized Soil	March 2019	IEEE
10.	Prof. H S Jayatheertha	Stabilization of Black Cotton Soil using different Stabilizers	November 2019	IRJET
11.	Prof. H S Jayatheertha	Skills & Competencies of an effective construction Project Manager	December 2019	IRJET
12.	Prof. Bhavana D Aradhya	Temporal Analysis of green house gas for Bangalore city	March 2019	IEEE
13.	Prof Vinayak A Hosur	Modelling Ground water flows	March 2019	IEEE

		of Solute Transport		
14.	Prof Vinayak A Hosur	Stabilization of Black Cotton Soil using different Stabilizers	November 2019	IRJET
15.	Prof Vinayak A Hosur	Skills & Competencies of an effective construction Project Manager	December 2019	IRJET
16.	Prof Deepthi B P	Deflouradation of ground water using Electro Coagulation followed by Adsorption	November 2019	Springer Link
17.	Prof. Shreyas B V	Deflouradation of ground water using Electro Coagulation followed by Adsorption	November 2019	Springer Link
18.	Prof. Shreyas B V	Effect of Bamboofibre & C&D waste on MC & Compressive strength for CSRE	March 2019	IEEE
19.	Prof. Mahesh S M	Experimental study on No Fines Concrete	June 2019	IJRD
20.	Prof. Mahesh S M	Effect of Bamboofibre & C&D waste on MC & Compressive strength for CSRE	March 2019	IEEE
21	Prof Vinay Kumar K S	Studies on Laboratory performance on Bio-enzyme Stabilized Soil	March 2019	IEEE
22.	Prof Vinay Kumar K S	Stabilization of Black Cotton Soil using different Stabilizers	November 2019	IRJET
23.	Prof Vinay Kumar K S	Skills & Competencies of an effective construction Project Manager	December 2019	IRJET
24	Prof Sujay Kumar R	Load deflection behaviour of concrete filled steel Tube Columns under axial loading	March 2019	IEEE
25	Prof. Shreyas B V	Defluoridation of Groundwater Using Electrocoagulation Followed by Adsorption	September 2020	Springer Link

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International Journals: ACADEMIC YEAR: 2020-21

1. Manjunath K, Dr. Thirtha Prasad H P, Dr. Manohar H S," Effect of Sic and Graphite

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2. Manjunath K, Dr. Thirtha Prasad H P, Dr. Manohar H S, "Hardness and Wear Characteristics of Al2214/Silicon Carbide reinforced Aluminium Metal Matrix Composites" , International Journal of Scientific Research in Mechanical and Materials Engineering (IJSRMME), ISSN: 2457-0435,Volume 4, Issue 7, November-December 2020.

3. Srinivas Reddy Mungara, H.S. Manohar, "Investigating the effect of heat treatment on B4C reinforced aluminium metal matrix composites", Materials Today: Proceedings, https://doi.org/10.1016/j.matpr.2020.10.100, 5 October 2020.

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5. B N Ravikumar, H N Vidyasagar, H K Shivanand "Mechanical & tribological properties of
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2. Honnaiah.C, Ashok Kumar M S "Fabrication and study of influence of particle size on mechanical properties of cast A350 – Al 2 o 3 Metal matrix composites" International journal of research in Mechanical Engineering volume-2, issue -3, May – June 2022, pp. 33-38. ISSN online: 2347 – 5188.

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1. Manjunath K, Dr. Thirtha Prasad H P, Dr. Manohar H S "Microstructure and Hardness of Al2214 Alloy with Graphite Particulates" International Journal of Production Technology and Management (IJPTM) Volume 11, Issue 1, January-June, 2020, pp. 1–7, Article ID: IJPTM_11_01_001, ISSN Print: 0976- 6383 and ISSN Online: 0976 – 639.

2. Sharan Teja Reddy. Manohar H. S, S N Anand, "Effect of carbon nano - fillers on tribological properties of AL 6061- Aluminium metal matrix composite" Elsevier Journal Proceedings 20(2020)202-207.

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2. K. Venugopal, K. A. Vidya, "On Multiple intruder locating domination in Infinite grids", Advances and Applications in Discrete Mathematics, Volume 24(1), 2020.

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1.Dr. Anjana Devi S C, Dr Aisha M Sheriff , "Congruent Predictors of Employees' Workplace Values and Organizational Values in Select Public and Private Sector Banks in India ", GIS SCIENCE JOURNAL, 1869-9391, VOLUME 9, ISSUE 4, 2022,Page No:1116-1133.

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3.Dr. Anjana Devi S C, "Harmonizing Determinants of Organizational Values: A Model Assessment of Employees' Workplace Values and Organizational Values in Public Sector Banks in India". Journal of Huazhong University of Science and Technology, 1671-4512, Volume 50, Issue 04, 2021- April, Page 1-17.

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