

# Dadi Institute of Engineering & Technology



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## **Proceedings of Two Day Online National Conference on Internet of Things : Design & Applications**

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## Content

<b>Description</b>	<b>Pg. No.</b>
<b>Agriculture Applications of Internet of Things: A Survey Comparison of Clustering Algorithm</b> S.Sindhu,L.Arockiam	5
<b>Comparison of Clustering Algorithm</b> RugadaVaikuntaRao,N.Sireesha, Mrs.J.Nalini	6
<b>Structural Health Monitoring Using IoT</b> B Satheesh, VelamuriManasa ,Y.Jaswanth, B. SaiLikitha, K. Sri Sahithi, K.Trivani	7
<b>Sensor Based Frisking</b> P Sireesha, Archana B T, , M. PratyushaJyothi, J. Tallababu, Ch. Harika, G. Madhavi	8
<b>Automatic Smart Irrigation System Using IOT Technology</b> Kishore Buddha, K.Poojitha, G.Pavan, Rahul Kumar, D.Devi , V.N SaiRohini Kumar, D. Jaswanth	9
<b>Optimal Time Table Generation Using Genetic Algorithm</b> N G S Raju, B.G.PoornimaHimaketan, M.Tejasri , K. Komali , T. SaiHarika, R. Lohit Kumar	10
<b>Hydrogen Fuel Cell Based Energy Production for Domestic Appliances</b> A SwethaM.Hemanth Kumar, Suraj Nahak, Manda Sravan Kumar, Vara Prasad	11
<b>Passive Target Tracking Using Sonar Measurements</b> M S B Deepthi, KausarJahan, MallaMounika Naga Lakshmi, Piradula Suresh, Routhulapudi Lalitha Lakshmi S Praveenya, PentakotaSwarjan	12
<b>IoT Based Home Thief Movement Detection and Alerting System Using GSM Technology</b> Matta Sankara Sastry, Srinivasa Rao, N. Prudhivi, P. Jyothi, M. Srinivas, K. Bhagya Lakshmi	13
<b>Wavelet Signal and Image Denoising</b> R. V. S. Lakshmi Kumari , R. Suneel Kumar, B. Pavani, G. Tejasri, Ch. Latha, V.Moulika	14

<b>Design and Implementation of Underground Cable Fault Detector review on control strategies in micro grid to smart</b>	15
R.SrideviAravelli S L K Gopalamma, Kusul Kumar K, N. Srinivas, Sumanth Kumar, S. LaxmanRao	
<b>No Death in India over Usage of EMS Application</b>	16
SulochanaKengam,M RVSG Guptha, Mr. Raj PavanPoliseti	
<b>Role of Smart Technique in Irrigation System</b>	17
G Rajasekharam , K. Srinivasarao, S. Srinowshya, G. Manoharsri, B. Pydiraju, J. Yaswanth	
<b>Study on Green Concrete for the Future</b>	18
Y H PrasannaRaju,B. Sudheerkumar, N. Vamsikrishna, V. Venkatesh	
<b>Dynamic Electric Vehicle Charging System</b>	19
Ramesh Surisetty,CH Ravi Kumar, P Gnanendra Kumar, V Ganesh, P Teja, V Sai Kumar	
<b>Switched Reluctance Motor for Hybrid Electric Vehicle using IoT Cloud</b>	20
L.V.Rajesh Kumar, Alfoni Jose K, K.S.S.Jahnavi,K.NarayanaMurthy,M.Savan Kumar, M.S.D kiran	
<b>Generating Electricity by Using Heating Panel</b>	21
B. V. Suresh, K Vijay Kumar, B P S PrakashRao, B Siva Sai, D S Siva Kumar, B RakeshYadav	
<b>Health Care System for Home Quarantine People Using Raspberry Pi, GSM and IOT Technology</b>	22
GiridharBabu, Sheik Shabeena, Karri Jayasri, Lanka VenkataSaiTejaswini, AneLokesh, Kobbari Rajesh	
<b>Covid-19 Fencing and Contact Traceability</b>	23
M.G. Varaprasad· A.S.N.Varma·T.Divya,P.Yamini ,I.Sreelekhyha, K.Teja	
<b>Smart Power Factor Smart Power Factor Controller</b>	24
G Jyothi, T. Ramesh babu, B.Lohidhar ,E.Mohan,CH. Sri harsha ,K .Vamsikrishna	
<b>Autonomous Delivery Robot</b>	25
B. Siva Prasad, K.S.N.VSomesheswararao,`K.Mytri,R.Indraja, K.Thriveni, D.Ajay Kumar	
<b>Accident Detection and Alert System using Arduino</b>	26
A Vasudeva Rao, P. Amrutha, V. Moulika,M.Manju, K.BhagyaDharani, B.Kedharsai	

<b>A Comprehensive Approach to Develop Pavement Bricks from IoT(Iron Ore Tailings) and Solid Plastic Waste to Generate Green And Cyclic Economy Towards Waste To Wealth Mission</b>	27
Rugada Vaikunta Rao	
<b>Solar Powered BLDC Motor with HCC Fed Water Pumping System for Irrigation</b>	28
J. Deleep Kumar, S. Sai Kumar	
<b>A Review on Control Strategies in Micro grid to Smart</b>	29
O. Lakshmi Bhavana, Aravelli S L K Gopalamma	
<b>Capturing Human Categorization of Natural Images by Combining Deep Networks and Cognitive Model</b>	30
VenkataKalyaniVangapandu, NamrathaPadiyar	
<b>IOT Applications with Secured Light Weight Cryptography</b>	31
Namratha Padiyar, Venkata KalyaniVangapandu	
<b>Implementation of Cloud Technology in Education</b>	32
V. Manasa, B.G. Poornima	
<b>Elliptic Cryptography Curve for Secured Text Encryption</b>	33
Likitha.K, M.Srinivasa Rao	
<b>Study of Seismic Analysis of Multi Story Buildings With and Without Basement</b>	34
Y Hemanth Kumar	
<b>Renewable Energy Based Integrated Automated Full Body Sanitizing System</b>	35
B. V. Veeranjanyulu	
<b>An Approach for Reconstruction of Unavailable Data in Cloud Storage System Using Partially Distributed File System with Parity</b>	36
Ramaraju. S V S V.P, Komali K	
<b>Predicting the Hydrogen Storage Capacity of Lithium Doped MWCNTs Nano particles using Machine Learning Techniques</b>	37
Madhavi Konni Soma Sekhar Kadiyala, Challa Narasimham	

<b>Vehicle Accident Prevention and Detection System</b> Alfoni Jose K, B V Siva Prasad	38
<b>Appraisal of An Employee's Performance at Work With Reference To Coromandal International Ltd, Visakhapatnam</b> Dr. Rama Kumar P.B., Prof. Dr. Jaladi Ravi, Mr. P. Kiran Kumar	39
<b>Detection of cancer cells using Image processing</b> P.PoornaPriya,S. Harshita ,M. Soujanya,V. Bindu , P. Jhansi	40
<b>A Study on Employees Satisfaction on Welfare &amp; Safety Measures adopted in Power Sector Companies</b> Y. Babji,P.B.RamKumar,A.Kiran Kumar	41
<b>Pattern Synthesis using Fourier Transform Method</b> J Babu, AdariBhargavi,MandapatiPavitra, KoiladaChanakya, Buddha Bhanusree	42
<b>Comparative Study on Text Pre-Processing Techniques</b> SampathiraoSuneetha, Prasanna Kumar Lakineni	43
<b>PAPR Reduction Using Hybrid Ps-Gw Optimization</b> P.Amrutha, Shiva Kumari	44
<b>Design of A Compact Mimo Antenna For Fifth Generation Applications</b> Dr. P. PoornaPriya, B. Sirisha, D. Gowri, S. Mounavi, B. Sravani	45
<b>Measuring Platelet Count by Using contour Aware Segmentation</b> K Vani,R.Suneelkumar ,R.Latha, P.SriRamya, K.Yamini , A.Ramjagan	46
<b>An automatic toll ticketing system using image processing</b> K Vijaya Pasamsa, M.Kishore kumar,Y. Durga lakshmi, B.Maraju, P.harish, S.Tejasri	47

## **Implementation of Cloud Technology in Education**

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1

Abstract. Education today is becoming completely associated with the Information Technology on the content delivery, communication and collaboration. Cloud Computing is an Internet based computing, whereby shared resources, software and information, are provided to computers and devices on-demand, like the electricity grid. Its services are a growing necessity for business organizations as well as for educational institutions. Although there are still several risks and challenges associated with cloud but its potential benefits outweigh the risks. Therefore, in this changing environment, it's important that we think about the latest technologies to incorporate in the teaching and learning process. In this project, we create a own Cloud which stores the data safely and we even provide the security for the cloud by using the Blowfish algorithm and how ever this will be implemented in the educational arena where the use of computers are more intensive and what can be done to increase the benefits of applications like storage of the attendance, storage of work done by students in practical's etc.

Keywords: cloud computing, security, blowfish, Educational arena.