

SCOPUS Record (1-71)

1. Hussain, S.A.^a, Singh, A.V.^a, Ramaiah, C.S.^a, Hussain, S.J.^b
A wireless device for patient ECG monitoring and motion activity recording for medical applications
(2016) *2016 5th International Conference on Reliability, Infocom Technologies and Optimization, ICRITO 2016: Trends and Future Directions*, art. no. 7785032, pp. 634-641. Cited 5 times.
^a Middle East College, Knowledge Oasis Muscat, Oman
^b Madanapalle Institute of Technology and Science, Madanapalle, India
Document Type: Conference Paper
Source: Scopus
2. Kishor, S.N.^a, Ramaiah, G.N.K.^b, Jilani, S.A.K.^c
A review on steganography through multimedia
(2016) *International Conference on Research Advances in Integrated Navigation Systems, RAINS 2016*, art. no. 7764373, . Cited 2 times.
^a JAIN UNIVERSITY, Bangalore, India
^b Dept. of Electronics and Communication Engineering, KEC, Kuppam, India
^c Dept. of Electronics and Communication Engineering, MITS, Madanapalli, India
Document Type: Conference Paper
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3. Prasad, K.V.R.B.^a, Singru, P.M.^b
Performance improvement of NSGA-II algorithm by modifying crossover probability distribution
(2016) *Evolutionary Computation: Techniques and Applications*, pp. 545-568.
^a Department of E.E.E., MITS, P.B. No: 14, Kadiri Road, Angallu (V), Madanapalle, Chittoor District, Andhra Pradesh, 517325, India
^b Department of M.E., BITS, Pilani, K.K. Birla Goa Campus, NH-17B, Zuarinagar, South Goa District, Goa, India
Document Type: Book Chapter
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4. Satya Narayana, P.V.^a, Venkateswarlu, B.^b, Devika, B.^c
Chemical reaction and heat source effects on MHD oscillatory flow in an irregular channel
(2016) *Ain Shams Engineering Journal*, 7 (4), pp. 1079-1088. Cited 10 times.
^a Fluid Dynamics Division, SAS, VIT University, Vellore, T.N 632 014, India
^b Department of Mathematics, Madanapalle Institute of Technology and Science, Madanapalli, A.P, India
^c Department of Mathematics, Gitam University, Bangalore, Karnataka, India
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5. Akkera, H.S.^{a b}, Kaur, D.^a
Effect of Cr addition on the structural, magnetic and mechanical properties of magnetron sputtered Ni-Mn-In ferromagnetic shape memory alloy thin films
(2016) *Applied Physics A: Materials Science and Processing*, 122 (12), art. no. 996, . Cited 1 time.
^a Functional Nanomaterials Research Lab, Department of Physics, Indian Institute of Technology Roorkee, Roorkee, Uttarakhand 247667, India
^b Department of Physics, Madanapalle Institute of Technology and Science, Madanapalle, Chittoor, Andhra Pradesh 517325, India
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6. Chandra Sekhar, M.^{a b}, Nanda Kumar Reddy, N.^b, Verma, V.K.^b, Uthanna, S.^c
Structural, optical and electrical properties of DC reactive magnetron sputtered (Ta₂O₅)_{1-x}(TiO₂)_x thin films
(2016) *Ceramics International*, 42 (16), pp. 18870-18878. Cited 4 times.
^a Department of Electronic Engineering, Yeungnam University, 280 Daehak-ro Gyeongsan-si Gyeongsangbuk-do3854, South Korea
^b Department of Physics, Madanapalle Institute of Technology and Science, Madanapalle, 517325, India
^c Thin Film Laboratory, Department of Physics, Sri Venkateswara University, Tirupati, 517502, India
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7. Joyson Abraham, S.^a, Chandra Rao Madane, S.^b, Dinaharan, I.^c, John Baruch, L.^d
Development of quartz particulate reinforced AA6063 aluminum matrix composites via friction stir processing
(2016) *Journal of Asian Ceramic Societies*, 4 (4), pp. 381-389. Cited 4 times.
^a Department of Mechanical Engineering, St. Peter's University, Chennai, Tamil Nadu 600054, India
^b Department of Mechanical Engineering, Prasanna College of Engineering and Technology, Belthangady, Karnataka 574214, India
^c Department of Mechanical Engineering Science, University of Johannesburg, Auckland Park Kingsway Campus, Johannesburg, 2006, South Africa

^d Department of Mechanical Engineering, Madanapalle Institute of Technology and Science, Madanapalle, Andhra Pradesh 517325, India

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8. Syed, B.^{a b}, M.N., N.P.^c, B.L., D.^d, Mohan Kumar, K.^{e f}, Yallappa, S.^g, Satish, S.^a
Synthesis of silver nanoparticles by endosymbiont *Pseudomonas fluorescens* CA 417 and their bactericidal activity (2016) *Enzyme and Microbial Technology*, 95, pp. 128-136. Cited 6 times.

^a Bionanotechnological Laboratory, Department of Studies in Microbiology, University of Mysore, Manasagangotri, Mysore, India

^b Laboratory of Biotechnology of New Materials, Siberian Federal University, Siberia, Russian Federation

^c Department of Biotechnology, JSS Science and Technology University, JSS Technical Institutional Campus, Mysore, 570006, India

^d Toxicology and Drug Discovery Unit, Centre for Emerging Technologies (CET), Jain University, Ramanagara, 562 112, India

^e Universidad Nacional Autonoma de Mexico, Instituto de Ciencias Fisicas, Avenida Universidad s/n, MOR, Cuernavaca, 62210, Mexico

^f Department of Chemistry, Madanapalle Institute of Technology & Science, Post Box No: 14, Kadiri Road, Angallu (V), Madanapalle, Chittoor District Andhra Pradesh 517325, India

^g BMS R and D Centre, BMS College of Engineering, Bangalore, 560 019, India

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9. Saarika, U., Sharma, P.K., Sharma, D.

A roadmap to the realization of wireless body area networks: A review

(2016) *International Conference on Electrical, Electronics, and Optimization Techniques, ICEEOT 2016*, art. no. 7755538, pp. 439-443. Cited 2 times.

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10. Nagarjuna Reddy, A., Hari Krishnan, G., Raghuram, D.

Real time patient health monitoring using raspberry Pi

(2016) *Research Journal of Pharmaceutical, Biological and Chemical Sciences*, 7 (6), pp. 570-575.

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11. Mohan Kumar, K.^{a b}, Godavarthi, S.^a, Vázquez Vélez, E.^a, Casales Díaz, M.^a, Mahendhiran, M.^c, Hernandez-Eligio, A.^c, Syamala Rao, M.G.^d, Martinez Gomez, L.^a
Green synthesis of hausmannite nanocrystals and their photocatalytic dye degradation and antimicrobial studies (2016) *Journal of Sol-Gel Science and Technology*, 80 (2), pp. 396-401. Cited 1 time.

^aInstituto de Ciencias Fisicas Universidad Nacional Autonoma de Mexico, Avenida Universidad s/n, Cuernavaca, MOR 62210, Mexico

^bDepartment of Chemistry, Madanapalle Institute of Technology and Science, Post Box No: 14, Kadiri Road Angallu (V), Chittoor District, Madanapalle, Andhra Pradesh 517325, India

^cDepartamento de Bioingenieria Celular y Biocatalisis, Instituto de Biotecnologia UNAM, Col. Chamilpa, Cuernavaca, Morelos CP. 2001, Mexico

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12. Kumar, J.P.^a, Kumar, A.U.^b, Ravi, T.^c

Beyond M-score for detection of misusability by malicious insiders

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^a Dept of CSE, Aditya College of Engineering, Madanapalle, India

^b Hindustan Institute of Technology and Science, Chennai, India

^c Madanapalle Institute of Technology and Science, Madanapalle, India

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13. Velmurugan, A.^a, Ravi, T.^b

Allergy information ontology for enlightening people

(2016) *2016 International Conference on Computing Technologies and Intelligent Data Engineering, ICCTIDE 2016*, art. no. 7725329, .

^a Department of Computer Science and Engineering, Sathyabama University, Chennai, India

^b Department of Computer Science and Engineering, Madanapalle Institute of Technology and Science, Madanapalle, Andhra Pradesh, India

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14. Farooq, S.M., Basha, S.H.S.
A study on Fibonacci series generation algorithms
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15. Lavanya, T.^a, Miraclin Joyce Pamila, J.C.^a, Veningston, K.^b
Online review analytics using word alignment model on Twitter data
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^a Dept. of Computer Science and Engineering, Government College of Technology, Coimbatore, India

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Phosphine and palladium-free synthesis of aryl and alkenyl boronates: A nano-catalytic approach
(2016) *Catalysis Communications*, 85, pp. 61-65. Cited 3 times.

^a Department of Chemistry, Chemistry Institute for Functional Materials, Pusan National University, Busan, 609-735, South Korea

^b Department of Chemistry, Madanapalle Institute of Technology & Science, Madanapalle, Chittoor, Andhra Pradesh 517 325, India

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In vitro and in silico characterization of angiogenic inhibitors from *Sophora interrupta*
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^a Biomedical Research Laboratory, Department of Biotechnology, KLEF University (Koneru Lakshmaiah Educational Foundation), Green fields; Vaddeswaram, Guntur (Dist), Andhra Pradesh 522502, India

^b Upstream Process Development Team, Lupin Limited, Biotechnology R&D, 1156, Ghotawade Village, Mulshi Taluka, Pune-411042, India

^c Department of Basic Sciences-Chemistry, Madanapalle Institute of Technology and Science (MITS), Madanapalle, Chittoor, Andhra Pradesh 517325, India

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18. Velmurugan, A.^a, Ravi, T.^b
Immunization ontology for enlightening people using knowledge representation
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19. Reddy, S.V.S.^a, Rajangam, K.^b, Santhosh, T.V.^c, Vinod, G.^c, Varghese, S.^d, Shah, J.^d
Reliability prediction of seismic switch for early detection of earthquakes around NPPs
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^a Solar Power Systems, Madanapalle Institute of Technology and Science, Madanapalle, India

^b Department of EEE, Madanapalle Institute of Technology and Science, Madanapalle, India

^c Reactor Safety Division, Bhabha Atomic Research Centre, Mumbai, India

^d Refueling Technology Division, Bhabha Atomic Research Centre, Mumbai, India

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20. Thamarai, M.^a, Shanmugalakshmi, R.^b
Video coding technique with multi objective particle swarm optimization and EZW
(2016) *Journal of Electrical Engineering and Technology*, 11 (5), pp. 1404-1411.

^a Dept. of Electronics and Communication Engineering, Madanapalle Institute of Technology and Science, Madanapalle, Andraparadesh, India

^b Dept. of Computer Science and Engineering, Government College of Engineering Coimbatore Tamilnadu, India

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 Mechanistic studies on degradation in sliding wear behavior of IN718 and Hastelloy X superalloys at 500 °C
 (2016) *Tribology International*, 101, pp. 324-330. Cited 3 times.
^a Department of Metallurgical and Materials Engineering, National Institute of Technology, Tiruchirapalli, Tamilnadu, India
^b Madanapalle Institute of Technology and Science, Madanapalle, Chittoor District, Andhra Pradesh, India
^c Centre of Excellence in Corrosion and Surface Engineering (CECASE), National Institute of Technology, Tiruchirapalli, Tamilnadu, India
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22. Rajkamal, R.^a, Narayanan, K.^b, Swaraj Paul, C.^b
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 (2016) *Indian Journal of Science and Technology*, 9 (32), pp. 1-5.
^a Madanapalle Institute of Technology and Science, Madanapalle, Andhra Pradesh, 517325, India
^b Vels Institute of Science, Technology and Advanced Studies (VISTAS), Chennai, Tamil Nadu, 600117, India
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23. Mohan, B.^{a c}, Park, J.C.^b, Park, K.H.^a
 Mechanochemical Synthesis of Active Magnetite Nanoparticles Supported on Charcoal for Facile Synthesis of Alkynyl Selenides by C-H Activation
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^a Department of Chemistry and Chemistry Institute for Functional Materials, Pusan National University, Busan, 609-735, South Korea
^b Clean Fuel Laboratory, Korea Institute of Energy Research, Daejeon, 305-343, South Korea
^c Department of Chemistry, Madanapalle Institute of Technology & Science, Madanapalle, Chittoor, Andhra Pradesh, 305-343, India
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24. Chandra Moha, A.^a, Subrahmanyam, N.^b, Miranda, J.A.B.^a, Poonguzhali, P.^c
 Job satisfaction of executives with reference to information technology and pharmaceutical industries
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^a SRM University, Chennai, Tamil Nadu, India
^b Institute of Management Madanapalli, Chittoor District Andhra Pradesh, India
^d SRM School of Management, SRM University, Chennai, Tamil Nadu, India
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25. Uma, G.^a, Brahmanandam, P.S.^a, Chu, Y.H.^b
 A long-term study on the deletion criterion of questionable electron density profiles caused by ionospheric irregularities - COSMIC radio occultation technique
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^a Madanapalle Institute of Technology and Science, Angallu Madanapalle, 517 325, India
^b Institute of Space Science, National Central University, Chung-Li, 52003, Taiwan
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 MHD free convection flow of Eyring-Powell fluid from vertical surface in porous media with Hall/ionslip currents and ohmic dissipation
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^a Department of Mathematics, Jawaharlal Nehru Technological University Anantapur, Ananthapuramu, 515002, India
^b Department of Mathematics, Madanapalle Institute of Technology and Science, Madanapalle, 517325, India
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 Cluster based secure dynamic keying technique for heterogeneous mobile Wireless Sensor Networks
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^a Department of Computer Science and Engineering, Madanapalle Institute of Technology and Science, Madanapalle, Andhra Pradesh, India
^b Department of Computer Science and Engineering, Kalasalingam University, Krishnankoil, Tamil Nadu, India
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^a Department of E.C.E, JNTUA, Ananthapuramu, India
^b Department of E.C.E, MITS, Madanapalle, India
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^a Department of ECE, MITS, JN TUA, India
^b Department of ECE, JNTUA, Ananthapuramu, India
^c Department of ECE, MITS, Madanapalle, India
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30. SaiSanathKumar, K., Naveen Kumar Reddy, K., Pushpavathy, V., Raja Reddy, P., Sharma, D., Sharma, P.K., Vamsi Krishna, B.
 Calculation of path losses at CM3 for wireless body area networks (WBAN) by using different types of antennas
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31. John Baruch, L.^a, Raju, R.^b, Balasubramanian, V.^c, Rao, A.G.^d, Dinaharan, I.^e
 Influence of multi-pass friction stir processing on microstructure and mechanical properties of die cast Al-7Si-3Cu aluminum alloy
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^a Department of Mechanical Engineering, Madanapalle Institute of Technology and Science, Madanapalle, Andhra Pradesh 517325, India
^b Department of Industrial Engineering, College of Engineering, Anna University, Chennai, Tamil Nadu 600025, India
^c Department of Manufacturing Engineering, Centre for Materials Joining and Research (CEMAJOR), Annamalai University, Annamalai Nagar, Chidambaram, Tamil Nadu 608002, India
^d Marine Materials Division, Naval Materials Research Laboratory, Thane, Maharashtra 421506, India
^e Department of Mechanical Engineering Science, University of Johannesburg, Auckland Park Kingsway Campus, Johannesburg, 2006, South Africa
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 Design of a novel fuzzy logic based controller for maximum power point tracking of a grid connected solar PV system
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^a Electrical Engineering Department, National Institute of Technology Silchar, Assam, India
^b Electrical and Electronics Engineering Department, Madanapalle Institute of Technology and Science, AP, India
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33. Sharma, P.K.^a, Sau, P.C.^b, Sharma, D.^a
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^a MITS, Madanapalle, India
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34. Sai Venu Prathap, K.^a, Jilani, S.A.K.^a, Ramana Reddy, P.^{a b}
 A real-time image mosaicing using Scale Invariant Feature Transform
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^a Electronics and Communications, MITS, Madanapalle, Tamil Nadu, India
^b JNTUA CE, Ananthapuramu, Andhra Pradesh, 515002, India
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35. Prasad, G.S.^a, Rajagopal, G.^b, Prahladarao, K.^c
Forecasting of passengers demand - A case study
(2016) *International Journal of Mechanical Engineering and Technology*, 7 (2), pp. 131-134. Cited 2 times.
^a Mechanical Engineering, MITS, Madanapalle, Andhra Pradesh, India
^b Mechanical Engineering, KSRMCE, Kadapa, Andhra Pradesh, India ^c JNTUCE JNTUA, Ananthapuram, Andhra Pradesh, India
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An improved image fusion and segmentation using FLICM with GA for medical diagnosis
(2016) *Indian Journal of Science and Technology*, 9 (12), art. no. 88176, . Cited 1 time.
^a Department of ECE, Madanapalle Institute of Technology and Science, Madanapalle, Andhra Pradesh, 517325, India
^b Karpagam College of Engineering, Coimbatore - Tamil Nadu, 641032, India
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F2 region response to geomagnetic disturbances across Indian latitudes: O(1S) dayglow emission
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^a Radio and Atmospheric Sciences Division, CSIR-National Physical Laboratory, New Delhi, India
^b Academy of Scientific and Innovative Research, CSIR-National Physical Laboratory Campus, New Delhi, India
^c Madanapalle Institute of Technology and Science, Madanapalle, India
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38. Mary Gladence, L.^a, Karthi, M.^b, Ravi, T.^c
A novel technique for Multi-class ordinal regression-APDC
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^a Sathyabama University, Rajiv Gandhi Road, Jeppiaar Nagar, Chennai, Tamil Nadu, 600119, India
^b Karapagam College of Engineering, Othakkal Mandapam Post, Myleripalayam Village, Coimbatore, Tamil Nadu, 641032, India
^c Madanapalle Institute of Technology and Science, P.B. No:14, Kadiri Road, Angallu Village, Chittoor District, Madanapalle, A.P., 517325, India
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Computational solutions for non-isothermal, nonlinear magneto-convection in porous media with hall/ionslip currents and ohmic dissipation
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^a Gort Engovation Research (Medical and Aerospace Engineering Sciences), Gabriel's Wing House, 15 Southmere Avenue Great Horton, Bradford, BD73NU, United Kingdom
^b Department of Mathematics, Salalah College of Technology, Salalah, Oman
^c Department of Mathematics, Madanapalle Institute of Technology and Science, Madanapalle, 517325, India
^d Department of Mathematics, University Sains Malaysia, Malaysia
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40. Sakthisudhan, K.^a, Saravana Kumar, N.^b
Certain Study on Improvement of Bandwidth in 3 GHz Microstrip Patch Antenna Designs and Implemented on Monostatic Radar Approach for Breast Cancer Diagnosis in Microwave Imaging System
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^a Department of Electronics and Communication Engineering, Madanapalle Institute of Technology and Science, Madanapalle, Andhra Pradesh, 517325, India
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41. Sreenivasulu, U.^a, Naganjaneyulu, P.V.^b, Giriprasad, M.N.^c
Achieving QoS requirements using evolutionary computation scheduling schemes in 802.16 networks
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^a Department of Ece, Mits, Madanapalle, India
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Automatic generation control of multi area thermal systems by using fractional order controllers (2016) *Lecture Notes in Engineering and Computer Science*, 2225, pp. 309-314.

^a MITS, Madanapalli, Andhra Pradesh, 517325, India

^b JNTUA College of Engineering, Pulivendula, Andhra Pradesh, 516390, India

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^a Department of ECE, Madanapalle Institute of Technology & Science, Madanapalle, India

^b Department of Biomedical Engineering, Sathyabama University, Chennai, India

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FPGA implementation of image encryption and decryption using AES 128-bit core

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^b Department of ECE, JNTUA, Anantapuramu, India

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^b Department of EEE, JNTUACEP, Pulivendula, A.P, India

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^a Department of Mathematics, University of Central Florida, Orlando, FL 32816, United States

^b Department of Mathematics, Sri Venkateswara University, Tirupati, AP, 517502, India

^c Department of Mathematics, MITS, Madanapalle, AP, 517 325, India

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^a Research Scholar, Sathyabama University, Jeppiaar Nagar, Chennai, 119, India

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^bDepartment of Physics, Osmania University, Faculty of Science, Hyderabad, Telanagana State 500007, India

^cDepartment of Electronic Engineering, Yeungnam University, 280 Daehak-ro, Gyeongsan-si, Gyeongsangbuk-do 3854, South Korea

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^b Department of Mathematics, NTR Govt. Degree College, Vayalpadu, Andhra Pradesh, India

^c Gort Engovation-Aerospace, Medical and Energy Engineering, Gabriel's Wing House, 15 Southmere Avenue, Bradford, BD73NU, United Kingdom

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^a Department of Electrical Engineering, Madanapalle Inst. of Technology and science, Madnapalle, A.P, India

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^b Department of Mathematics, Salalah College of Technology, Salalah, Oman

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^b Department of Mathematics, Salalah College of Technology, Salalah, Oman
^c Gort Engovation Research (Aerospace), 15 Southmere Avenue, Great Horton, Bradford, West Yorkshire, BD7 3NU, United Kingdom
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^b Department of Mathematics, Sri Venkateswara University, Tirupathi, Andrapradesh, 517502, India
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^b Department of Mathematics, JNT University College of Engineering (Autonomous) Anantapur, Ananthapuramu, Andhra Pradesh 515002, India
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- ^a Department of Physics, Sri Venkateswara University, Tirupati, 517 502, India

^b Department of Physics, Madanapalle Institute of Technology and Science, Madanapalle, 517325, India

^c Department of Physics, Chadalawada Venkata Subbaiah Engineering College, Renigunta Road, Tirupati, 517 506, India

^d Center of Excellence in Glass Technology and Material Science (CEGM), Nakhon Pathom Rajabhat University, Nakhon Pathom, 73000, Thailand

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