

Documents

- 1) Balaji, C.^a, Dash, S.S.^a, Hari, N.^b, Babu, P.C.^c

A Four Port Non-Isolated Multi Input Single Output DC-DC Converter fed Induction Motor

(2017) *2017 6th International Conference on Renewable Energy Research and Applications, ICRERA 2017*, 2017-January, pp. 631-637. Cited 1 time.

^a Department of Electrical and Electronics Engineering, SRM University, Kattankulathur, Tamilnadu, India

^b Cambridge University, United Kingdom

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Document Type: Conference Paper

Source: Scopus

- 2) Suresh Goud, J.^a, Hemadri Reddy, R.^a, Saravana, R.^b

Peristaltic motion of a Bingham fluid in contact with a Newtonian fluid in a vertical channel

(2017) *IOP Conference Series: Materials Science and Engineering*, 263 (6), art. no. 062005, . Cited 2 times.

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Document Type: Conference Paper

Source: Scopus

Access Type: Open Access

- 3) Sailaja, M.^a, Hemadri Reddy, R.^b, Saravana, R.^c, Avinash, K.^d

Aligned magnetic field effect on unsteady liquid film flow of Casson fluid over a stretching surface

(2017) *IOP Conference Series: Materials Science and Engineering*, 263 (6), art. no. 062008, .

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^d Department of Mathematics, Sreyas Institute of Engineering and Technology, Hyderabad, 500 068, India

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- 4) Saravana, R.^a, Hemadri Reddy, R.^b, Suresh Goud, J.^b, Sreenadh, S.^c

MHD peristaltic flow of a hyperbolic tangent fluid in a non-uniform channel with heat and mass transfer

(2017) *IOP Conference Series: Materials Science and Engineering*, 263 (6), art. no. 062006, . Cited 5 times.

^a Department of Mathematics, Madanapalle Institute of Technology and Science, Madanapalle, 517 325, India

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^c Department of Mathematics, Sri Venkateswara University, Tirupati, 517 502, India

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- 5) Raaju, K.V., Geetha Devi, K.V., Seshadri, N.

Role of induction in enhancing the skills of civil engineering students and reaching expectations a case study with reference to engineering education Andhra Pradesh

(2017) *International Journal of Civil Engineering and Technology*, 8 (12), pp. 316-323.

Mits School of Business, Madanapalle Institute of Technology and Science Andhra Pradesh, India

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- 6) Raaju, K.V.V.^a, Maruthi Prasad, V.^b, Karthikeyan, V.^c

Nri admissions, great opportunity to mechanical engineering and other engineering educational institutions a case study with reference to India

(2017) *International Journal of Mechanical Engineering and Technology*, 8 (12), pp. 722-728.

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Source: Scopus

- 7) Singh, K.S.^a, Bhaskaran, P.K.^b

Impact of PBL and convection parameterization schemes for prediction of severe land-falling Bay of Bengal cyclones using WRF-ARW model

(2017) *Journal of Atmospheric and Solar-Terrestrial Physics*, 165-166, pp. 10-24. Cited 2 times.

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^b Ocean Engineering and Naval Architecture, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal 721302, India

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- 8) Amanulla, C.H.^{a b}, Nagendra, N.^a, Surya Narayana Reddy, M.^b

Numerical study of thermal and momentum slip effects on MHD williamson nanofluid from an isothermal sphere

(2017) *Journal of Nanofluids*, 6 (6), pp. 1111-1126. Cited 11 times.

^a Department of Mathematics, Madanapalle Institute of Technology and Science, Madanapalle, 517325, India

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- 9) Reddy, N.N.K.^a, Akkera, H.S.^b, Sekhar, M.C.^c, Park, S.-H.^c

Zr-doped SnO₂ thin films synthesized by spray pyrolysis technique for barrier layers in solar cells

(2017) *Applied Physics A: Materials Science and Processing*, 123 (12), art. no. 761, .

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- 10) Kavitha, A.^a, Hemadri Reddy, R.^a, Saravana, R.^b, Sreenadh, S.^c

Peristaltic transport of a Jeffrey fluid in contact with a Newtonian fluid in an inclined channel
(2017) *Ain Shams Engineering Journal*, 8 (4), pp. 683-687. Cited 5 times.

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^c Department of Mathematics, Sri Venkateswara University, Tirupati, 517 502, India

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- 11) Sitharthan, R.^a, Devabalaji, K.R.^b, Jeess, A.^c

An Levenberg–Marquardt trained feed-forward back-propagation based intelligent pitch angle controller for wind generation system
(2017) *Renewable Energy Focus*, 22-23, pp. 24-32. Cited 1 time.

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^c SreeSai Ram Institute of Technology, Chennai, India

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- 12) Anand Kumar, M.^a, Vidya Raj, C.^b

On designing lightweight QoS routing protocol for delay-sensitive wireless body area networks
(2017) *2017 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2017*, 2017-January, pp. 740-744.

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- 13) Lakshmi, N.V.S.S.R.^a, Babu, S.^b, Bhalaji, N.^c

Analysis of clustered QoS routing protocol for distributed wireless sensor network
(2017) *Computers and Electrical Engineering*, 64, pp. 1339-1351. Cited 2 times.

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^b Department of CSE, MITS, Madanapalle, Andhra Pradesh, India

^c Department of IT, Chennai, India

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- 14) Reddy, Y.M.^a, Narne, R.^b, Santhosh, T.V.^c, Gopika, V.^c, Shreshta, N.B.^c

Reliability prediction of smart pressure transmitter for use in NPPs
(2017) *International Journal of Systems Assurance Engineering and Management*, 8, pp. 656-662.

^a Electrical Power Systems, Madanapalle Institute of Technology and Science, Madanapalle, Andhra Pradesh, India

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- 15) Satheesh Kumar Reddy, Y.^a, Prasad, K.V.R.B.^b, Vinod, G.^c, Shrestha, N.B.^d

Functional testing and performance assessment of smart pressure transmitters used in NPPs
(2017) *International Journal of Systems Assurance Engineering and Management*, 8, pp. 765-772.

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

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- 16) VinothKumar, S.^a, PradeepKumar, M.^b

Experimental Investigation and Optimization of Machining Process Parameters in AISI D2 Steel Under Conventional EDM and Cryogenically Cooled EDM Process
(2017) *Transactions of the Indian Institute of Metals*, 70 (9), pp. 2293-2301. Cited 1 time.

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- 17) Sharma, S., Sejwar, V.

Impementation of QR Code Based Secure System for Information Sharing Using Matlab
(2017) *Proceedings - 2016 8th International Conference on Computational Intelligence and Communication Networks, CICN 2016*, art. no. 8082654, pp. 294-297. Cited 1 time.

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- 18) Kashwan, K.R.^a, Elavarasi, N.^b

Investigation on mutual coupling suppression using polygon structure of microstrip patch antenna array
(2017) *Proceedings of 2017 3rd IEEE International Conference on Sensing, Signal Processing and Security, ICSSS 2017*, art. no. 8071590, pp. 191-196.

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- 19)

Jyothirmayi, C.A.^a, Halder, A.^b, Yadav, B.^c, Samuel, S.T.^d, Kuruvilla, A.^a, Jose, R.^b

A randomized controlled double blind trial comparing the effects of the prophylactic antibiotic, Cefazolin, administered at caesarean delivery at two different timings (before skin incision and after cord clamping) on both the mother and newborn

(2017) *BMC Pregnancy and Childbirth*, 17 (1), art. no. 340, .

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20) Rajesh, P., Nagaraju, U., Gowd, G.H., Vardhan, T.V.

Experimental and parametric studies of Nd:YAG laser drilling on austenitic stainless steel

(2017) *International Journal of Advanced Manufacturing Technology*, 93 (1-4), pp. 65-71. Cited 3 times.

Department of Mechanical Engineering, Madanapalle Institute of Technology & Science, Madanapalle, Andhra Pradesh 517 325, India

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21) Apsana, G.^{a b}, George, P.P.^a, Devanna, N.^b, Yuvasravana, R.^{a b}

Enhanced morphology and efficient one-pot microwave green synthesis of Ag₃PO₄ nanocubes and their optical and photocatalytic properties

(2017) *Journal of Bionanoscience*, 11 (5), pp. 428-434. Cited 1 time.

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22) Narayana, P.V.S.^a, Moliya Akshit, S.^b, Ghori, J.P.^b, Venkateswarlu, B.^c

Thermal radiation effects on an unsteady MHD nanofluid flow over a stretching sheet with non-uniform heat source/sink

(2017) *Journal of Nanofluids*, 6 (5), pp. 899-907. Cited 1 time.

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23) Rajkamal, R.^a, Karthi, A.^b

Analysis of PWM techniques for inverters driving AC motors

(2017) *Pertanika Journal of Science and Technology*, 25 (4), pp. 1211-1222.

^a Department of Electrical and Electronics Engineering, Madanapalle Institute of Technology and Science Andhra Pradesh, India

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- 24) Sahoo, A.^a, Jayakrishnan, A.R.^a, Kamakshi, K.^b, Silva, J.P.B.^c, Sekhar, K.C.^a, Gomes, M.J.M.^c

Optical and electrical properties of sol-gel spin coated titanium dioxide thin films
 (2017) *IOP Conference Series: Materials Science and Engineering*, 225 (1), art. no. 012021, .

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- 25) Shanmugam, S.^a, Meenambal, T.^b, Thyagarajan, L.P.^c

Batch mode studies on the real-time removal of copper ions from printed circuit boards of mobile phones by adopting sodium alginate beads
 (2017) *Ecology, Environment and Conservation*, 23 (September), pp. S302-S307.

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- 26) Deshmukh, P.G.^a, Parihar, P.^a, Balasubramaniam, K.A.^b, Mishra, D.S.^c, Mahesh, P.K.^a

Dynamic Loading Assembly for Testing Actuators of Segmented Mirror Telescope
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- 27) Sadun, R.^a, Bloom, N.^b, Van Reenen, J.^c

Why do we undervalue competent management?: Neither great leadership nor brilliant strategy matters without operational excellence
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^a Harvard Business School, United States

^b Stanford University, National Bureau of Economic Research, United States

^c MIT's department of economics, Sloan School of Management, United States

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- 28) Swaminathan, J.N.^a, Kumar, P.^b

Design of Efficient Power Amplifier Models Using 16-QAM(2017) *Wireless Personal Communications*, 95 (3), pp. 3003-3012.^a Madanapalle Institute of Technology and Science, Madanapalle, Andhra Pradesh, India^b Department of ECE, K.S.Rangasamy College of Technology, Thiruchengode, India

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Document Type: Article**Source:** Scopus29) Sharma, D.K.^a, Patra, A.N.^b, Kumar, C.^c**P-AODV: A Priority Based Route Maintenance Process in Mobile Ad Hoc Networks**(2017) *Wireless Personal Communications*, 95 (4), pp. 4381-4402.^a Department of Computer Science and Engineering, Madanapalle Institute of Technology and Science, Madanapalle, 517325, India^b Department of Computer Science and Engineering, University of Nevada, Reno, NV 89557, United States^c Department of Computer Science and Engineering, Indian Institute of Technology (ISM), Dhanbad, 826004, India

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Document Type: Article**Source:** Scopus30) Abdul Gaffar, S.^a, Ramachandra Prasad, V.^b, Vijaya, B.^c**Computational study of non-Newtonian Eyring–Powell fluid from a vertical porous plate with biot number effects**(2017) *Journal of the Brazilian Society of Mechanical Sciences and Engineering*, 39 (7), pp. 2747-2765. Cited 4 times.^a Department of Mathematics, Salalah College of Technology, Salalah, Oman^b Department of Mathematics, Madanapalle Institute of Technology and Science, Madanapalle, 517325, India^c Department of Mathematics, Jawaharlal Nehru Technology University Anantapur, Anantapuramu, India

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Document Type: Article**Source:** Scopus31) Sekhar, M.C.^{a,b}, Chalapathi, U.^a, Madhu Smitha, V.K.^c, Poojitha, P.T.^c, Uthanna, S.^d, Poornaprakash, B.^a**Influence of Sm Doping on the Structural, Optical, and Magnetic Properties of ZnO Nanopowders**(2017) *Journal of Superconductivity and Novel Magnetism*, 30 (7), pp. 1937-1941. Cited 1 time.^a Department of Electronic Engineering, Yeungnam University, Gyeongsan, 38541, South Korea^b Department of Physics, Madanapalle Institute of Technology and Science, Madanapalle, 517325, India^c Department of Physics, Siddhartha Educational Academy Group of Institutions, Tirupati, 517502, India^d Department of Physics, Sri Venkateswara University, Tirupati, 517502, India

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- 33) Arulkumar, K.^a, Vijayakumar, D.^b, Palanisamy, K.^b

Investigation of PLL performance for utility connected systems under abnormal grid conditions
(2017) *PECON 2016 - 2016 IEEE 6th International Conference on Power and Energy, Conference Proceeding*, art. no. 7951538, pp. 84-88. Cited 2 times.

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- 34) Mazher Iqbal, J.L., Basha, S.S.

Real time 3D depth estimation and measurement of un-calibrated stereo and thermal images
(2017) *2017 International Conference on Nascent Technologies in Engineering, ICNTE 2017 - Proceedings*, art. no. 7947959, . Cited 1 time.

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- 35) Yuvasravana, R., George, P.P.

A Green Protocol for Synthesis of MAI₂O₄, [M = Cu and Co] Spinels under Microwave Irradiation Method
(2017) *International Journal of Nanoscience*, 16 (3), art. no. 1650033, . Cited 1 time.

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- 36) Gowd, G.H.^a, Nagaraju, U.^a, Rajesh, P.^b, Vardhan, T.V.^a

Modeling & optimization of laser beam drilling process using genetic algorithm
(2017) *International Journal of Mechanical and Mechatronics Engineering*, 17 (3), pp. 39-47.

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- 37) Abdul Gaffar, S.^a, Ramachandra Prasad, V.^b, Keshava Reddy, E.^a

Computational study of Jeffrey's non-Newtonian fluid past a semi-infinite vertical plate with thermal radiation and heat generation/absorption
(2017) *Ain Shams Engineering Journal*, 8 (2), pp. 277-294. Cited 6 times.

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- 38) Gaffar, S.A.^a, Prasad, V.R.^b, Keshava Reddy, E.^a

Mixed convection boundary layer flows of a non-Newtonian Jeffrey's fluid from a non-isothermal wedge
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- 39) George, P.P.^b, Genish, I.^a, Maklouf, S.B.-D.^a, Kolytyn, Y.^a, Gedanken, A.^a

RAPET (Reaction under Autogenic Pressure at Elevated Temperatures) Technique Assisted Synthesis of Encapsulated CdE@C [E = S, Se and Te] Nanocrystallites
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- 40) Anwar Bég, O.^a, Prasad, V.R.^b, Vasu, B.^b, Gorla, R.S.R.^c

Computational modeling of magnetohydrodynamic convection from a rotating cone in orthotropic Darcian porous media
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- 41) Oto, E.^a, Okutucu, S.^b, Katircioglu-Öztürk, D.^a, Güvenir, H.A.^c, Karaagaoglu, E.^d, Borggreffe, M.^e, Breithardt, G.^{f g}, Goette, A.^{f h}, Ravens, U.ⁱ, Steinbeck, G.^j, Wegscheider, K.^k, Oto, A.^b, Kirchhof, P.^{f l m}

Predictors of sinus rhythm after electrical cardioversion of atrial fibrillation: Results from a data mining project on the Flec-SL trial data set
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^m Department of Cardiovascular Medicine, University Hospital Münster, Münster, Germany

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- 42) Danalakshmi, D.^a, Kannan, S.^b, Thiruppathy Kesavan, V.^c

Reactive power pricing using cloud service considering wind energy
 (2017) *Cluster Computing*, pp. 1-11. Article in Press.

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- 43) Padmanabha Reddy, Y.C.A.^a, Viswanath, P.^b, Eswara Reddy, B.^c

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