

Documents

- 1) Reddy, D.K.K., Behera, H.S., Naik, B.

An intelligent security framework for cyber-physical systems in smart city
(2021) pp. 167-186. Cited 2 times.

Veer Surendra Sai University of Technology, India

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Reddy D.K.K.; Veer Surendra Sai University of TechnologyIndia

Publisher: CRC Press

ISBN: 9781000413311; 9780367753559

- 2) Behura, A., Sahu, S., Kabat, M.R.

Advancement of machine learning and cloud computing in the field of smart health care
(2021) pp. 273-306. Cited 5 times.

DOI: 10.1002/9781119785873.ch11

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Kabat M.R.; Veer Surendra Sai University of TechnologyIndia; email: kabatmanas@gmail.com

Publisher: wiley

ISBN: 9781119785873; 9781119785804

- 3) Nayak, S.C., Tripathy, C.

An improved task scheduling mechanism using multi-criteria decision making in cloud computing
(2021) pp. 767-795.

DOI: 10.4018/978-1-7998-9023-2.ch037

Veer Surendra Sai University of Technology, Sambalpur, India

Correspondence Address

Nayak S.C.; Veer Surendra Sai University of TechnologyIndia

Publisher: IGI Global

ISBN: 9781799890249; 9781799890232

- 4) Rath, A.^a, Samantaray, S.^b, Raj, P.D.^a, Swain, P.C.^a, Eslamian, S.^{c d}

Impact assignment of integrated watershed management in the micro watersheds of Sambalpur District, Odisha, India
(2021) pp. 341-358. Cited 2 times.

DOI: 10.1002/9781119776017.ch23

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Publisher: wiley

ISBN: 9781119776017; 9781119775980

- 5) Kumari, S.^a, Jadam, T.^b, Behera, G.C.^b, Sahu, S.K.^c, Datta, S.^a, Nandi, G.^a, Kumar, P.^a
Role of Surface Cracking and Recast Layer Deposition on Formation of Hardened Layer During EDM of Inconel 825 with Varied Electrode Material
 (2021) Part F1363, pp. 83-94.

DOI: 10.1007/978-981-33-4176-0_7

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Publisher: Springer Nature

ISSN: 25233440

- 6) Bhattacharjee, P.^a, Patra, S.^{b,c}, Mishra, A.^{d,e}, Das, T.R.^f, Dewangan, H.^g, Ghosh, R.^h, Shukla, S.K.ⁱ, Mishra, A.^{b,c}
COVID-19 Diagnostics: Current Approach, Challenges, and Technology Adaptation
 (2021) pp. 23-42. Cited 5 times.

DOI: 10.1002/9783527832521.ch2

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Publisher: wiley

ISBN: 9783527832521; 9783527349180

- 7) Biswal, T.
Climate Change and Its Impact on Soil Fertility and Life Forms
 (2021) 3, pp. 1229-1255.

DOI: 10.4018/978-1-6684-3686-8.ch060

VSS University of Technology, India

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Publisher: IGI Global

ISBN: 9781668436875; 9781668436868

- 8)

Volli, V.^a, Singh, R.^b, Shadangi, K.P.^c, Shu, C.-M.^a

Suitability of Oil Seed Residues as a Potential Source of Bio-Fuels and Bioenergy
(2021) pp. 361-389. Cited 3 times.

DOI: 10.1002/9781119793038.ch10

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Publisher: wiley

ISBN: 9781119793038; 9781119791980

9) Majhi, S.K.^a, Pal, S.S.^a, Bhuyan, S.^a, Dhal, S.K.^b

Queuing Analysis of Cloud Load Balancing Algorithms
(2021) pp. 729-750.

DOI: 10.4018/978-1-7998-5339-8.ch034

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Publisher: IGI Global

ISBN: 9781799853404; 9781799853398

10) Mishra, S., Panda, S.K.

An Efficient Server Minimization Algorithm for Internet Distributed Systems
(2021) pp. 1418-1431.

DOI: 10.4018/978-1-7998-5339-8.ch069

Department of CSE and IT, Veer Surendra Sai University of Technology, Burla, India

Publisher: IGI Global

ISBN: 9781799853404; 9781799853398

11) Panda, S.K.^a, Naik, S.^b

An Efficient Data Replication Algorithm for Distributed Systems
(2021) pp. 1344-1363.

DOI: 10.4018/978-1-7998-5339-8.ch065

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Publisher: IGI Global

ISBN: 9781799853404; 9781799853398

12) Sahoo, H.V.^a, Kisan, S.^a, Bhattacharjee, G.^b

A Novel Lossless Image Cryptosystem for Binary Images Using Feed-Forward Back-Propagation Neural Networks
(2021) 86, pp. 491-513.

DOI: 10.1007/978-981-33-4412-9_34

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Publisher: Springer Science and Business Media Deutschland GmbH

ISSN: 21976503

- 13) Nayak, J.^a, Suresh Kumar, P.^b, Reddy, D.K.K.^b, Naik, B.^c, Pelusi, D.^d
Machine Learning and Big Data in Cyber-Physical System: Methods, Applications and Challenges
 (2021) pp. 49-91. Cited 3 times.

DOI: 10.1002/9781119711308.ch2

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Nayak J.; Department of Computer Science and Engineering, India; email: mailforjnyak@gmail.com

Publisher: wiley

ISBN: 9781119711308; 9781119711087

- 14) Behura, A., Kabat, M.R.
Optimization-based energy-efficient routing scheme for wireless body area network
 (2021) pp. 279-303. Cited 8 times.

DOI: 10.1016/B978-0-323-85117-6.00016-9

Department of Computer Science & Engineering, Veer Surendra Sai University of Technology, Odisha, Burla, India

Publisher: Elsevier

ISBN: 9780323851176; 9780323851183

- 15) Das, S.K.^{a c}, Krishna, R.S.^b, Mishra, S.^{a c}, Mustakim, S.M.^c, Jena, M.K.^a, Tripathy, A.K.^c, Sahu, T.^d
Future trends: Nanomaterials in alkali-activated composites
 (2021) pp. 529-550. Cited 2 times.

DOI: 10.1016/B978-0-12-821730-6.00012-7

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Publisher: Elsevier

ISBN: 9780128217306

- 16) Behura, A.
The Cluster Analysis and Feature Selection: Perspective of Machine Learning and Image Processing
 (2021) pp. 249-280. Cited 26 times.

DOI: 10.1002/9781119785620.ch10

Veer Surendra Sai University of Technology, Burla, Sambalpur, India

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Behura A.; Veer Surendra Sai University of Technology, Burla, India; email: aradhanabehura@gmail.com

Publisher: wiley

ISBN: 9781119785620; 9781119785538

- 17) Mishra, D.K.^a, BadJena, S.K.^a, Pal, S.^b
A Comparative Nanoindentation Study on HEA Coated FCC Metals and Stacking Fault Tetrahedra Evolution in HEA Coated Single Crystal Al: A MD Simulation Study
(2021) 13, pp. 325-347. Cited 1 time.

DOI: 10.1007/978-981-16-3937-1_34

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Publisher: Springer Nature

ISSN: 26623161

- 18) Barik, N.^a, Mishra, J.^b
Utilization and Geopolymerization of Fly ash for Concrete Preparation and Soil Stabilization: A Short Review
(2021) 13, pp. 357-367. Cited 5 times.

DOI: 10.1007/978-981-16-3937-1_36

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Correspondence Address

Mishra J.; Veer Surendra Sai University of Technology, Odisha, India; email: jmishra0805@gmail.com

Publisher: Springer Nature

ISSN: 26623161

- 19) Behera, G., Sahoo, S., Ratha, N., Rout, A., Mallik, M.
Influence of TiO₂ Particle on the Friction Stir Welding of 7075 Al Alloy
(2021) 13, pp. 165-174.

DOI: 10.1007/978-981-16-3937-1_17

Department of Metallurgical and Materials Engineering, Veer Surendra Sai University of Technology, Odisha, Burla, 768018, India

Correspondence Address

Mallik M.; Department of Metallurgical and Materials Engineering, Odisha, India; email: manilamallik2016@gmail.com

Publisher: Springer Nature

ISSN: 26623161

- 20) Dehury, J., Mohanty, J.
Study of Physico-Mechanical Behaviour of Alkali Treated Date Palm Petiole Fiber/Epoxy Composites
(2021) 13, pp. 305-314.

DOI: 10.1007/978-981-16-3937-1_32

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Correspondence Address

Dehury J.; Department of Mechanical Engineering, India; email: dehuryjanaki.vssut@gmail.com

Publisher: Springer Nature

ISSN: 26623161

- 21) Biswal, A., Swain, S.K.
Dextran and pullulan-based hybrid materials for tissue engineering applications

(2021) pp. 131-154.

DOI: 10.1016/B978-0-12-821230-1.00015-3

Department of Chemistry, Veer Surendra Sai University of Technology, Odisha, Sambalpur, India

Publisher: Elsevier

ISBN: 9780128212301

22) Patra, S., Swain, S.K.

Graphene-based nanocomposites for biomedical engineering application

(2021) pp. 197-224. Cited 1 time.

DOI: 10.1016/B978-0-12-821553-1.00016-8

Department of Chemistry, Veer Surendra Sai University of Technology, Odisha, Burla, Sambalpur, India

Publisher: Elsevier

ISBN: 9780128215531

23) Das, S.K.^{a, b}, Mustakim, S.M.^b, Adesina, A.^c, Mishra, S.^a, Mishra, J.^d

Solid wastes: Alternative materials for cementitious composites production

(2021) pp. 199-220. Cited 3 times.

DOI: 10.1016/B978-0-12-824342-8.00012-2

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Publisher: Elsevier

ISBN: 9780128243428

24) Biswal, T.^a, Shadangi, K.P.^b

Application of Nanotechnology in the Production of Biofuel

(2021) pp. 487-515. Cited 8 times.

DOI: 10.1002/9781119793038.ch14

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Publisher: wiley

ISBN: 9781119793038; 9781119791980

25) Biswal, T.^a, Sahoo, P.K.^{b, c}

Fire Retardancy of Polysaccharide-Based Polyurethane Foams

(2021) 1400, pp. 13-29. Cited 1 time.

DOI: 10.1021/bk-2021-1400.ch002

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Editors: Gupta R.K.
Publisher: American Chemical Society

ISSN: 00976156
CODEN: ACSMC

26) Nayak, J.^a, Kumar, P.S.^b, Reddy, D.K.K.^b, Naik, B.^c

Identification and classification of hepatitis C virus: An advance machine-learning-based approach
(2021) pp. 393-415. Cited 2 times.

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Publisher: Institution of Engineering and Technology

ISBN: 9781839531149

27) Biswal, S.P.^a, Sahoo, S.P.^b, Kabat, M.R.^b

Fuzzy Q-learning based controller for cost and energy efficient load balancing in cloud data center
(2021) 196, pp. 151-172.

DOI: 10.1007/978-981-16-0386-0_9

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Publisher: Springer Science and Business Media Deutschland GmbH

ISSN: 23673370

28) Behura, A.

Congruence of Deep Learning in Medical Image Processing: Future Prospects and Challenges
(2021) 936, pp. 197-221. Cited 1 time.

DOI: 10.1007/978-981-33-4698-7_10

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Behura A.; Computer Science and Engineering, India; email: aradhanabehura@gmail.com

Publisher: Springer Science and Business Media Deutschland GmbH

ISSN: 1860949X

29) Ray, P.^a, Biswal, M.^b

A computational intelligence approach for power quality monitoring
(2021) 916, pp. 595-627.

DOI: 10.1007/978-981-15-7571-6_28

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Publisher: Springer Science and Business Media Deutschland GmbH

ISSN: 1860949X

- 30) Pattanaik, S.C.^a, Patro, S.K.^b, Das, B.^a
Polymeric Materials for Repair of Distressed Concrete Structures
(2021) 75, pp. 659-668. Cited 1 time.
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Patro S.K.; Department of Civil Engineering, India; email: skpatro_ce@vssut.ac.in
- Publisher:** Springer
- ISSN:** 23662557
- 31) Choudhury, S.S.^a, Patro, S.K.^b
Seismic Control of Soft Storey Buildings Using LRB Isolation System
(2021) 75, pp. 301-309. Cited 2 times.
- DOI:** 10.1007/978-981-15-4577-1_25
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Patro S.K.; Department of Civil Engineering, India; email: head_civil@vssut.ac.in
- Publisher:** Springer
- ISSN:** 23662557
- 32) Sahoo, S.^a, Priyadarshini, N.^b, Kumar, N.^c, Das, B.S.^c, Dutta, S.^c
Simultaneous Optimization of Strength and Acid Resistance in Concrete Composed of Carbonated Fly Ash
(2021) 75, pp. 687-698. Cited 1 time.
- DOI:** 10.1007/978-981-15-4577-1_60
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Sahoo S.; KIIT Polytechnic, India; email: sanjuktasahoo.7@gmail.com
- Publisher:** Springer
- ISSN:** 23662557
- 33) Patel, S.K., Nayak, A.N.
Study on Specific Compressive Strength of Concrete with Fly Ash Cenosphere
(2021) 75, pp. 561-572. Cited 1 time.
- DOI:** 10.1007/978-981-15-4577-1_47
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Patel S.K.; Department of Civil Engineering, India; email: sudeepatel@gmail.com
- Publisher:** Springer
- ISSN:** 23662557
- 34) Sahoo, S.^a, Mahapatra, T.R.^b, Jena, H.^c
Constraints in Journey of Graphene from Laboratory to Life
(2021) 75, pp. 675-685.
- DOI:** 10.1007/978-981-15-4577-1_59

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Publisher: Springer

ISSN: 23662557

- 35) Mohapatra, S.S., Pradhan, P.K.
Review on Study of Soil Stabilization by Application of Microorganisms
(2021) 75, pp. 151-157. Cited 3 times.

DOI: 10.1007/978-981-15-4577-1_12

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Publisher: Springer

ISSN: 23662557

- 36) Kumari, A., Nayak, A.N.
Behaviour of RC Deep Beams Strengthened with Externally Bonded GFRP Fabrics: An Experimental Study
(2021) 75, pp. 279-289. Cited 4 times.

DOI: 10.1007/978-981-15-4577-1_23

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Publisher: Springer

ISSN: 23662557

- 37) Nayak, S.K.^a, Panda, S.K.^b, Das, S.^a
Renewable Energy-Based Resource Management in Cloud Computing: A Review
(2021) 127, pp. 45-56. Cited 12 times.

DOI: 10.1007/978-981-15-4218-3_5

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Publisher: Springer

ISSN: 23673370