

**List of Reviewers**  
(as per the published articles)  
Year: 2021

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**Robust Control for Die Attach Machine Recipe Management System**

DOI: 10.9734/jerr/2021/v20i117255

- (1) Emad Toma Karash, Northern Technical University, Iraq.
- (2) Segun R. Bello, Federal College of Agriculture, Nigeria.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/63031>

**Optimization of Dispensing Parameter to Eliminate the Excessive Epoxy Dispense in Die Attach**

DOI: 10.9734/jerr/2021/v20i117242

- (1) Paula Gois de Lima, Catholic University of Salvador (UCSAL), Brazil.
- (2) Leticia Xochitl López-Martínez, Centro de Investigación en Alimentación y Desarrollo (CIAD), Mexico.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/63863>

**Cost Analysis of Green Infrastructure Compared to Conventional Stormwater Storage**

DOI: 10.9734/jerr/2021/v20i117243

- (1) Jazmin Carbajal Avila, Instituto Tecnológico de Acapulco, Mexico.
- (2) Shamrita Zaman, North South University, Bangladesh.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/63833>

**Assessment of Stabilized Silt Clay Sand with Oil Palm Fibre Bunch (OPFB) Local Fibre for Slope Foundations: A Case of Coastal Soils of Mombasa, Kenya**

DOI: 10.9734/jerr/2021/v20i117244

- (1) G. Suresh, Rajalakshmi Institute of Technology, India.
- (2) Godwin Anwara Ibe, Akanu Ibiam Federal Polytechnic, Nigeria.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/64043>

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DOI: 10.9734/jerr/2021/v20i117245

- (1) Dinesh Kumar, Punjabi University, India.
- (2) Anikait Gupta, DAV Institute of Engineering and Technology (DAVIET), India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/63977>

**Development of Proxy Models for Screening Water Flood and Gas Flood Candidates**

DOI: 10.9734/jerr/2021/v20i117246

- (1) Purwanto, Jenderal Soedirman University, Indonesia.
- (2) Ioana Stanciu, University of Bucharest, Romania.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/62613>

**Assessment of Solid Waste Generation and Management in Eziobodo Community, Imo State, Nigeria**

DOI: 10.9734/jerr/2021/v20i117247

- (1) Shweta Mathur, Maharaj Vinayak Global University, India.
- (2) Wanpen Wirojanagud, Khon Kaen University, Thailand.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/64381>

**Robotization of Tomato Fruits Production to Enhance Food Security**

DOI: 10.9734/jerr/2021/v20i117248

- (1) Lim Eng Aik, Universiti Malaysia Perlis, Malaysia.
- (2) A.B.M. Golam Rabbany, Rajshahi University of Engineering and Technology, Bangladesh.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/61744>

**Comparative Analysis and Regenerative Studies of Alkaline Modified Groundnut Shell as Adsorbent for the Removal of Oil Layer from Polluted Water**

DOI: 10.9734/jerr/2021/v20i117251

- (1) María del Carmen Carreño de León, Tecnológico Nacional de México, Instituto Tecnológico de Toluca, México.
- (2) Nidia García-González, Tecnológico de Estudios Superiores de Jocotitlán, Mexico.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/64258>

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DOI: 10.9734/jerr/2021/v20i117252

- (1) Mohammed Rasheed, University of Technology, Iraq.
- (2) Mohamad Shehada Abu Yaman, Talal Abu-Ghazaleh University for Innovation, Jordan.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/64655>

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DOI: 10.9734/jerr/2021/v20i117253

- (1) Ali Benhamena, University Mustapha Stambouli of Mascara, Algeria.
- (2) Shu Lin, Harbin Institute of Technology, China.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/64614>

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DOI: 10.9734/jerr/2021/v20i117254

- (1) Anil Kumar, Lovely Professional University, India.
- (2) C. Sashidhar, JNTUA College of Engineering, India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/64463>

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DOI: 10.9734/jerr/2021/v20i117256

- (1) Amin A-Fakih, Universiti Teknologi Petronas (UTP), Malaysia.
- (2) Dhiaa Neama Jabbar, Al-Furat Al-Awsat Technical University (ATU), Iraq.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/64514>

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DOI: 10.9734/jerr/2021/v20i117257

- (1) Anan Sukantharat, Utac Thai Limited, Thailand.
- (2) Amar Kumar Dey, Bhilai Institute of Technology (BIT), India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/64188>

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DOI: 10.9734/jerr/2021/v20i117258

- (1) Ștefan Țălu, Technical University of Cluj-Napoca, Romania.
  - (2) Rajesh Jesudoss Hynes, Mepco Schlenk Engineering College, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/64717>

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DOI: 10.9734/jerr/2021/v20i217260

- (1) Nurhadi Siswanto, Institut Teknologi Sepuluh Nopember (ITS), Indonesia.
  - (2) Chinedum Onyemechi, Federal University of Technology Owerri, Nigeria.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/64283>

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DOI: 10.9734/jerr/2021/v20i217267

- (1) Arez Nosratpour, Islamic Azad University, Iran.
  - (2) E.N. Ganesh, Vels University, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/64872>

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- (1) Abuzar Es'haghi Oskui, Tehran University, Iran.
  - (2) Yuanyuan Gao, China.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/65524>

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DOI: 10.9734/jerr/2021/v20i217259

- (1) Ziyad Tariq Abdullah, Middle Technical University, Iraq.
  - (2) Basheer Ahmed Abdulhussein, University of Technology, Iraq.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/64815>

#### **Mathematical Analysis of Uncertainty in Bangladesh Agricultural Sector**

DOI: 10.9734/jerr/2021/v20i217262

- (1) Muhammed Jaslamp K, CCS Haryana Agricultural University, India.
  - (2) M. Mohamed Jeyavuthin, TBML College, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/63362>

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DOI: 10.9734/jerr/2021/v20i217263

- (1) Walter José Cuadro Bautista, University of Cordoba, Colombia.
  - (2) Mohsen Cheraghizade, Islamic Azad University, Iran.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/64840>

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DOI: 10.9734/jerr/2021/v20i217264

- (1) Neha Munjal, Lovely Professional University, India.
  - (2) Ayyob Asadbeigi, Islamic Azad University, Iran.
  - (3) Suman De, SAP Labs India Pvt. Ltd, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/64234>

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- (1) Zain Anwar Ali, Nanjing University of Aeronautics and Astronautics, China.
  - (2) Shree A. C. Wimal Lalith De Alwis, School of Four Incalculables and Tathagatha's Society, Sri Lanka.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/64651>

#### **Expanded Usage Window of Molding Compound to Reduce Material Wastage in Manufacturing Line**

DOI: 10.9734/jerr/2021/v20i217266

- (1) Ali Riza Söğüt, Konya Technical University, Turkey.
  - (2) Obolo, Olupitan Emmanuel, Federal University of Technology, Nigeria.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/64700>

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DOI: 10.9734/jerr/2021/v20i217268

- (1) M.C. Manjunatha, Maharaja Institute of Technology Thandavapura, India.
  - (2) R.K. Dubey, Indian Institute of Technology, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/64836>

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DOI: 10.9734/jerr/2021/v20i217269

- (1) Alireza Allameh, Rice Research Institute of Iran, Iran.
  - (2) Vitaliy Kalashnikov, Universidad Autonoma de Nuevo Leon (UANL), Mexico.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/65096>

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DOI: 10.9734/jerr/2021/v20i217270

- (1) Suvarna Pansambal, Mumbai University, India.
  - (2) Wanyi Li, Guangdong University of Education, China.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/65570>

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DOI: 10.9734/jerr/2021/v20i217271

- (1) Shatrughan Pareek, India.
  - (2) Sandeep S. Joshi, Shri Ramdeobaba College of Engineering and Management, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/65095>

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DOI: 10.9734/jerr/2021/v20i217272

- (1) Amit Kukker, Netaji Subhas University of Technology (NSIT), India.
  - (2) Atishey Mittal, SRM Institute of Science and Technology, India.
  - (3) Rifa Jarallah El-Khozondar, Al-Aqsa University, Palestine.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/65170>

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DOI: 10.9734/jerr/2021/v20i217278

- (1) Vidya S, Sree Narayana Colege Kollam, India.
  - (2) A K M Ayatullah Hosne Asif, Mawlana Bhashani Science and Technology University (MBSTU), Bangladesh.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/65314>

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**Evaluation of the Practice of Building Survey for Maintenance of Public Building in South-East Nigeria**

DOI: 10.9734/jerr/2021/v20i317288

- (1) Lim Chen Kim, Universiti Kebangsaan Malaysia (UKM), Malaysia.
  - (2) Chung-Jen Wang, National Pingtung University of Science and Technology, Taiwan.
  - (3) Prashanth B. N., Amrita Vishwa Vidyapeetham, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/66136>

**Modeling of Leadframe Strip Warpage after Die Attach Cure Process**

DOI: 10.9734/jerr/2021/v20i317281

- (1) Mabel Anim, University of Cape Coast, Ghana.
  - (2) Qasim M. Shakir, University of Kufa, Iraq.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/65313>

**Augmented Leadframe Design for Stable Multi-Wire Ground Bonding**

DOI: 10.9734/jerr/2021/v20i317273

- (1) Farrah Wong, Universiti Malaysia Sabah, Malaysia.
  - (2) Elizabeth Amusan, Ladoko Akintola University of Technology (LAUTECH), Nigeria.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/65604>

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DOI: 10.9734/jerr/2021/v20i317274

- (1) Xiaoyang Qin, TheUniversity of Auckland, New Zealand.
  - (2) Andrii Torpakov, Institute of Pulse Processes and Technologies of NAS of Ukraine, Ukraine.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/64871>

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DOI: 10.9734/jerr/2021/v20i317275

- (1) Anthony Spiteri Staines, University of Malta, Malta.
  - (2) Imtiaz Ahmad, University of Peshawar, Pakistan.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/65440>

**Mathematical Skills and the Academic Performance of Junior and Senior Electrical Engineering Students of the University of Eastern Philippines**

DOI: 10.9734/jerr/2021/v20i317276

- (1) Hamid Mortazavi, University of Applied Sciences, Iran.
  - (2) Suharmanto, Universitas Lampung, Indonesia.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/65563>

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DOI: 10.9734/jerr/2021/v20i317277

- (1) Jamal M. Rzaij, University of Anbar, Iraq.
  - (2) Emilio Jiménez Macías, University of La Rioja, Spain.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/65046>

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DOI: 10.9734/jerr/2021/v20i317279

- (1) Vojin Grković, University of Novi Sad, Serbia.
  - (2) Yang Yang, Nanjing Radio and Television University, China.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/64870>

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DOI: 10.9734/jerr/2021/v20i317280

- (1) Artur Camposo Pereira, Instituto Militar de Engenharia (IME), Brazil.
  - (2) Marcin Górski, Silesian University of Technology, Poland.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/65235>

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DOI: 10.9734/jerr/2021/v20i317283

- (1) Soroush Soltani, Universiti Putra Malaysia, Malaysia.
  - (2) Neide Aparecida Mariano, Universidade Federal de Alfenas, Brazil.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/66194>

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DOI: 10.9734/jerr/2021/v20i317284

- (1) Felipe Fernando da Costa Tavares, Universidade do Estado do Amapá, Brazil.
  - (2) Stanley Chibuzor Onwubu, Durban University of Technology, South Africa.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/65596>

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DOI: 10.9734/jerr/2021/v20i317285

- (1) Mahmoud Hamid MahmoudHilo, Sudan University of Science and Technology, Sudan.
  - (2) Faycel Saadallah, The Research and Technologies Centre of Energy (CRTEN), Tunisia.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/65525>

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DOI: 10.9734/jerr/2021/v20i317286

- (1) Tunji John Erinle, Federal Polytechnic, Nigeria.
  - (2) Zunuwanas Bin Mohamad, Politeknik Bagan Datuk, Malaysia.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/66428>

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DOI: 10.9734/jerr/2021/v20i317287

- (1) Wenhui Mo, Hubei University of Automotive Technology, China.
  - (2) Mitra Haddadi, University of Tehran & Semnan University, Iran.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/65963>

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DOI: 10.9734/jerr/2021/v20i317289

- (1) Ahmed M. Asfahani, University of Business and Technology, Saudi Arabia.
- (2) Raveen Rathilal, Durban University of Technology, South Africa.
- (3) Daniel A. Lowy, Hungary.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/65679>

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DOI: 10.9734/jerr/2021/v20i417295

- (1) Mahmoud Hamid Mahmoud Hilo, Sudan University of Science and Technology, Sudan.
- (2) Shilpi Birla, Manipal University Jaipur (MUJ), India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/66563>

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DOI: 10.9734/jerr/2021/v20i417299

- (1) Volodymyr Krasnoholovets, Institute of Physics, Ukraine.
- (2) Pankaj Balasaheb Gaval, Sanjay Ghodawat University, India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/66509>

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DOI: 10.9734/jerr/2021/v20i417290

- (1) Marco Aurélio Calixto Ribeiro de Holanda, Federal University of Pernambuco, Brazil.
- (2) Angel Ramon Sanchez Delgado, Universidade Federal Rural do Rio de Janeiro (UFRRJ), Brazil.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/66219>

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DOI: 10.9734/jerr/2021/v20i417291

- (1) Jian-Hong Wu, National Cheng Kung University, Taiwan.
- (2) Lim Hwee San, Universiti Sains Malaysia (USM), Malaysia.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/66257>

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DOI: 10.9734/jerr/2021/v20i417292

- (1) N.M.A. Nik Long, Universiti Putra Malaysia, Malaysia.
- (2) Thiago Antônio Paixão de Sousa Costa, Federal Institute of Education, Science and Technology, Brazil.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/65802>

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DOI: 10.9734/jerr/2021/v20i417293

- (1) Phani Kumar Pullela, CMR Institute of Technology, India.
- (2) Khairul Nizar Ismail, Universiti Malaysia Perlis, Malaysia.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/65393>

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DOI: 10.9734/jerr/2021/v20i417296

- (1) Ashrafoalsadat Shekarbaghani, Education Studies Research Center, Organization for Educational Research and Planning (OERP), Iran.
- (2) M. Gajendiran, Sri Venkateswara College of Engineering, India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/65675>

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DOI: 10.9734/jerr/2021/v20i417297

- (1) J. Barsana Banu, SBM College of Engineering and Technology, India.
- (2) Rajeev Mathur, Geetanjali Institute of Technical Studies, Udaipur, India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/66688>

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- (1) Zhonggang Xiong, Guilin University of Aerospace Technology, China.
- (2) Fu Zhang, Henan University of Science and Technology, China.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/66180>

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DOI: 10.9734/jerr/2021/v20i417302

- (1) Rubismar Stolf, São Carlos Federal University (UFSCar), Brazil.
- (2) Rama Kant Tiwari, IES University, India.(3)Sunday Louis Ezeoha, University of Nigeria, Nigeria.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/65765>

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DOI: 10.9734/jerr/2021/v20i417303

- (1) João Herminio da Silva, Universidade Federal do Cariri (UFCA), Brazil.
- (2) Gabriel Gomes de Oliveira, Universidade Estadual de Campinas (UNICAMP), Brazil.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/66645>

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DOI: 10.9734/jerr/2021/v20i417304

- (1) Kamil Kaszyca, Institute of Microelectronics and Photonics, Poland.
- (2) Tagreed M. Al-Saadi, University of Baghdad, Iraq.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/66887>

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DOI: 10.9734/jerr/2021/v20i417294

- (1) Jyotir Moy Chatterjee, Asia Pacific University of Technology & Innovation, Nepal.
- (2) Trinh Kieu Trang, Kyushu Institute of Technology, Japan.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/65882>

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- (1) Siti Zulaiha Ahmad, Universiti Teknologi MARA (UiTM), Malaysia.
- (2) Oloro Obarhire John, Delta State University, Nigeria.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/66562>

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(1) Bartosz Marek Zegadlo, Siedlce University of Natural Sciences and Humanities, Poland.

(2) Dung Nguyen Trong, Hanoi National University of Education, Vietnam.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/66642>

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**DOI: 10.9734/jerr/2021/v20i517307**

(1) Guicheng He, University of South China & Hengyang, China.

(2) Noraini Binti Marsi, University Tun Hussein Onn Malaysia, Malaysia.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/67199>

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**DOI: 10.9734/jerr/2021/v20i517311**

(1) Bindu S. Visvesvaraya Technological University, India.

(2) Odilon Linares Carvalho Mendes, Instituto Tecnológico de Aeronáutica, Brazil.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/67366>

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**DOI: 10.9734/jerr/2021/v20i517312**

(1) Mulugeta Tadesse, Wolaita Sodo University, Ethiopia.

(2) Pan Zhongjian, Sunward Intelligent Equipment Co. Ltd, China.

(3) Mohamed Omar Sulyman, Gdansk University of Technology, Poland.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/67367>

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**DOI: 10.9734/jerr/2021/v20i517305**

(1) Antun Stoić, University of Slavonski Brod, Croatia.

(2) Raveen Rathilal, Durban University of Technology, South Africa.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/66564>

### **Eliminating Frequent Machine Assists through Process Plate Enhancement on Wirebonding Process**

**DOI: 10.9734/jerr/2021/v20i517306**

(1) Gustavo Filipe Pinto, Higher Institute of Engineering of Porto, Portugal.

(2) Yixian Shen, Nanjing University of Information Science & Technology, China.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/67125>

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**DOI: 10.9734/jerr/2021/v20i517308**

(1) C. Priya, Anna University, India.

(2) Kusumandari, Universitas Sebelas Maret, Indonesia.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/66922>

### **Improvement on QFN Leadframe Design of Extended Leads to Support the Mitigation of Mold Flash Occurrence**

**DOI: 10.9734/jerr/2021/v20i517309**

(1) Yang Yang, Nanjing Radio & TV University, China.

(2) Chuah Lee Siang, Universiti Sains Malaysia, Malaysia.

(3) J. H. Chou, National Cheng Kung University, Taiwan.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/67226>

### **Die Placement Performance Evaluation on Different Machine Platforms**

**DOI: 10.9734/jerr/2021/v20i517310**

(1) Alberto Turón Lanuza, University of Zaragoza, Spain.

(2) Qi Zeng, Shenzhen University, China.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/67343>

### **Die Attach Process Robustness through Epoxy Pattern Optimization for DFN Device**

**DOI: 10.9734/jerr/2021/v20i517313**

(1) Jesús Carrillo López, Universidad Autónoma de Puebla, México.

(2) Roberto Stack Murphy-Arteaga, México.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/67344>

### **Comparative Analysis of Some Existing Models for Estimating the Time of Concentration for Watersheds in Anambra State, Nigeria**

**DOI: 10.9734/jerr/2021/v20i517314**

(1) I. Gede Tunas, Universitas Tadulako, Indonesia.

(2) Alvaro Torres Islas, Universidad Autónoma del Estado de Morelos, Mexico.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/65510>

### **Flood Flow Probability Distribution Model Selection on Niger/Benue River Basins in Nigeria**

**DOI: 10.9734/jerr/2021/v20i517315**

(1) Abdullahi Muktar, Usmanu Danfodiyo University, Nigeria.

(2) Kannachai Kanlayasiri, King Mongkut's Institute of Technology Ladkrabang, Thailand.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/67107>

### **Boolean Subtraction and Division with Application in the Design of Digital Circuits**

**DOI: 10.9734/jerr/2021/v20i517316**

(1) Bilal Abdullah Nasir, Northern Technical University, Iraq.

(2) S. Yuvaraj, Anna University, India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/66357>

### **Small Pilot System for the Manufacture of in Situ Precipitated Calcium Carbonate in the Presence of Pulp Fibers**

**DOI: 10.9734/jerr/2021/v20i517317**

(1) Harja Maria, Gheorghe Asachi Technical University of Iasi, Romania.

(2) Syafiqah Nur Azrie Safri, Universiti Putra Malaysia, Malaysia.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/67618>

### **Investigation of the Adsorption Potentials of an Organic Adsorbent for Phenol Removal from Aqueous Solution**

**DOI: 10.9734/jerr/2021/v20i517318**

(1) Cassiana Seimi Nomura, University of Sao Paulo, Brazil.

(2) Isichei, Tina Olubukola, Petroleum Training Institute, Nigeria.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/67169>

**Biochemical Methane Potential Assessment by Anaerobic Digestion of Locally Available Grasses of Phuentsholing, Bhutan**

DOI: 10.9734/jerr/2021/v20i517320

(1) Zablodskiy Mykola, National University of Life and Environmental Sciences of Ukraine, Ukraine.

(2) Muhammad Hassan, National University of Sciences and Technology, Pakistan.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/67829>

**2021 - Volume 20 [Issue 6]**

**A Note on the Structural Assessment of Perforated Panels used in Façade**

DOI: 10.9734/jerr/2021/v20i617335

(1) S. Ajith, Kalasalingam Academy of Research and Education, India.

(2) S.P. Sangeetha, Aarupadai Veedu Institute of Technology, India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/68537>

**Design and Development of Mini-pulsar for Real-Time Bioelectric Experiment**

DOI: 10.9734/jerr/2021/v20i617322

(1) Andres Cicutin, The Abdus Salam International Centre for Theoretical Physics, Italy.

(2) Xin Rao, Hangzhou Dianzi University, China.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/v67836>

**Comparison of Silicon Die Strength Using Different Loading Anvil Shapes**

DOI: 10.9734/jerr/2021/v20i617323

(1) Syed Zahiruddin, Jawaharlal Nehru Technological University Anantapuramu (JNTUA), India.

(2) Nickolay Zosimovych, Xi'an Jiaotong-Liverpool University, China.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/67845>

**Effect of Silicon Die Condition on the Breaking Load Performance of a Dam and Fill Semiconductor Package**

DOI: 10.9734/jerr/2021/v20i617328

(1) Aliyu Bhar Kisabo, Center for Space Transport and Propulsion (CSTP), Nigeria.

(2) Ambresh P. Ambalgi, Mangalore University, India.

(3) Ahmed Farouk Abdel Gawad, Zagazig University, Egypt.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/67846>

**Reducing the effects of Power Harmonics on Distribution Transformers using Simplex Optimization Technique**

DOI: 10.9734/jerr/2021/v20i617321

(1) Vezir Rexhepi, University of Pristina, Kosovo.

(2) Alvaro Torres Islas, Universidad Autónoma del Estado de Morelos, México.

(3) Zhenming Zhang, Northeast Electric Power University, China.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/67433>

**Effect of Exposure of Cement on the Compressive Strength of Concrete**

DOI: 10.9734/jerr/2021/v20i617324

(1) Zainab Adel Mohammed, University of Al-Mustansiriyah, Iraq.

(2) Rahul Sharma, Shri Mata Vaishno Devi University, India.

(3) Marcin Malek, Military University of Technology, Poland.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/67835>

**Design and Implementation of a Fuzzy Logic Controller for Power Plant Temperature Monitoring and Control using Fuzzylite**

DOI: 10.9734/jerr/2021/v20i617325

(1) Peter Anuoluwapo Gbadega, University of KwaZulu-Natal, South Africa.

(2) S. Ramabalan, E.G.S. Pillay Engineering College, India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/67456>

**Conceptualized Improvement on Transparent Glass Die for a Robust Manufacturing Process**

DOI: 10.9734/jerr/2021/v20i617326

(1) Valeriy Sterligov, Ampres Inc, USA.

(2) Rinat M. Taziev, RZhanov Institute of Semiconductor Physics, Russia.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/67864>

**Investigating the Effect of Metal Inert Gas Welding Parameters on AA10119 Mild Steel Quality by Taguchi Method**

DOI: 10.9734/jerr/2021/v20i617327

(1) Ruzica Nikolic, University of Žilina, Slovakia.

(2) Ishaya Musa Dagwa, University of Abuja, Nigeria.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/67677>

**Augmented Sidewall Topology Simulation of Semiconductor Die**

DOI: 10.9734/jerr/2021/v20i617329

(1) Gui Yun Tian, Newcastle University, England.

(2) Arni Munira Markom, Universiti Teknologi MARA (UiTM), Malaysia.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/67865>

**Development of a Simpler but Accurate Free Gas Deviation Factor for Fractured (Dual-Porosity) Volumetric Gas Reservoir Fluid**

DOI: 10.9734/jerr/2021/v20i617331

(1) Ajita Tiwari, Assam University, India.

(2) Alicia Esther Ares, National University of Misiones, Argentina.

(3) Adnan Abdul Jabbar Abdul Razak, University of Technology, Iraq.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/67405>

**Improved Die Attribute Recognition via Colored Glass Wafer**

DOI: 10.9734/jerr/2021/v20i617332

(1) Gustavo Filipe Pinto, Higher Institute of Engineering of Porto, Portugal.

(2) Charles Roberto Telles, Federal University of Paraná, Brazil.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/67789>

**Hybrid Based Artificial Intelligence Short-Term Load Forecasting**

DOI: 10.9734/jerr/2021/v20i617330

(1) Siti Zulaiha Ahmad, Universiti Teknologi MARA (UiTM), Malaysia.

(2) Abdelhakim Elhendouzi, Mohammed V University, Morocco.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/67557>

**A Robust Approach of Maintaining Epoxy Position on Die Attach Process of Tapeless QFN Packages**

DOI: 10.9734/jerr/2021/v20i617333

- (1) Polphat Ruamcharoen, Songkhla Rajabhat University, Thailand.
  - (2) Siti Khatijah Binti Jamaludin, Universiti Teknologi MARA (UiTM), Malaysia.
  - (3) Tan Wei Hong, Universiti Malaysia Perlis(UniMAP), Malaysia.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/68229>

**Biochemical Composition of Chlorella vulgaris Grown on Sugarcane Molasses**

DOI: 10.9734/jerr/2021/v20i617333

- (1) Abdolsamad Shirvani, University of Padua, Italy.
  - (2) Amarja Harishchandra Bhosale, Dr. Babasaheb Ambedkar Marathwada University, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/68377>

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**Improving the Solder Joint Reliability Prediction Accuracy for Quad Flat No Lead Packages**

DOI: 10.9734/jerr/2021/v20i717344

- (1) Bankole Adebajji, Ekiti State University, Nigeria.
  - (2) Adefarati Oloruntoba, China University of Petroleum, China.
  - (3) F. Inegbedion, University of Benin, Nigeria.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/68157>

**Occupational Health and Safety Management System and Organizational Performance in Selected Industries in Cross River State, Nigeria**

DOI: 10.9734/jerr/2021/v20i717336

- (1) Yiu Sze Nga, Nicole, The Hong Kong Polytechnic University, China.
  - (2) Nyathi Brian, University of South Africa, South Africa.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/68098>

**Proactive Verification of Strip Y-Index to Mitigate Gross Misaligned Cut due to Mismatched Unit Pitching**

DOI: 10.9734/jerr/2021/v20i717337

- (1) Xu Long, Northwestern Polytechnical University, China.
  - (2) Md Moyeed Abrar, Khaja Bandanawaz University, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/68102>

**Geo-spatial Analysis of Farmland Affected by 2020 Flooding of River Rima, Northwestern Nigeria**

DOI: 10.9734/jerr/2021/v20i717338

- (1) Jean Homian Danumah, Université Félix Houphouët-Boigny, Côte d'Ivoire.
  - (2) I Gede Tunas, Universitas Tadulako, Indonesia.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/67961>

**Full-annealing and its effect on the Mechanical Properties of Alloy 304H Stainless Steel**

- (1) V. Alfred Franklin, University of Technology and Applied Sciences, Oman.
  - (2) Yousef Farhaoui, Moulay Ismail University, Morocco.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/67862>

**Off-centered Ball Resolution Through Multi-hole Process Plate Implementation at Wirebond Process**

DOI: 10.9734/jerr/2021/v20i717340

- (1) James Kweku Nyarko, Northwestern Polytechnical University, China.
  - (2) Sameer Ahmed Awad, University of Anbar, Iraq.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/68228>

**Maximizing the Process Capability of Singulation Machine by Dual Work Piece Cutting on Circular Tape Frame**

DOI: 10.9734/jerr/2021/v20i717341

- (1) Atishey Mittal, Lingayas Vidyapeeth, India.
  - (2) Arjun Prasad Khanal, Nepal.
  - (3) Anonymous, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/68615>

**Influence of Fiber Properties on Harmonic and Intermodulation Distortions of Semiconductor Lasers**

DOI: 10.9734/jerr/2021/v20i717342

- (1) Zunuwanas Bi Mohamad, Politeknik Bagan Datuk, Malaysia.
  - (2) Mohammed Rasheed, University of Technology, Iraq.
  - (3) S. Ramabalan, EGS Pillay Engineering College, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/68313>

**Laser DAF Cut: A Breakthrough Approach of Die Attach Film Singulation for Thin Wafers**

DOI: 10.9734/jerr/2021/v20i717343

- (1) Tan Swee Tiam, Xiamen University Malaysia, Malaysia.
  - (2) Rifa J. El-Khozondar, Al-Aqsa University, Palestine.
  - (3) Ayyob Asadbeigi, Islamic Azad University, Iran.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/67834>

**Experimental Design of Physical Unconfined Aquifer for Evaluation of Well Abstraction Effects: Laboratory Approach**

DOI: 10.9734/jerr/2021/v20i717346

- (1) Adekoya, Sofiat A, Olabisi Onabanjo University, Nigeria.
  - (2) V. Saritha, GITAM University, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/68525>

**Gis-Based Multi Criteria Model for Location of Rice Aggregation Centers in Anambra State**

DOI: 10.9734/jerr/2021/v20i717347

- (1) Avinash Bharti, Centre for Energy and Environment (CEE), MNIT, India.
  - (2) Zhengfa Chen, Yunnan Agricultural University, China.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/66795>

**Utilization of the Karnaugh Map in Exploring Cause-effect Relations Modeled by Partially-defined Boolean Functions**

DOI: 10.9734/jerr/2021/v20i717348

- (1) S. Thangalakshmi, Indian Maritime University, India.
  - (2) Ooi Chek Yee, Universiti Tunku Abdul Rahman (UTAR), Malaysia.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/69065>

**Pattern Recognition System Program Advancement to Compensate Strip Expansion on 1-Map Strips**

DOI: 10.9734/jerr/2021/v20i717349

- (1) Abhay Deshpande, RV College of Engineering, India.
  - (2) Sachin Trankatwar, BITS Pilani, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/68749>

**Backside Chippings Improvement through Wafer Dicing Parameter Optimization and Understanding the Anisotropic Silicon Properties**

DOI: 10.9734/jerr/2021/v20i717350

- (1) Himanshu Dehra, India.
- (2) Anutsek Sharma, University of Kiel, Germany.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/68094>

**Elimination of Intermetallic Coverage Over-etching on Aluminum Pad**

DOI: 10.9734/jerr/2021/v20i717351

- (1) Mudide Ramprasad, Jawaharlal Nehru Technological University Hyderabad (JNTUH), India.
- (2) D. Ananthapadmanaban, SSN College of Engineering, India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/68750>

**2021 - Volume 20 [Issue 8]**

**In Situ Precipitated Calcium Carbonate in the Presence of Pulp Fibers –A Beating Study**

DOI: 10.9734/jerr/2021/v20i817352

- (1) Abdelrahman Qteishat, Al Balqa Applied University, Jordan.
- (2) Damu Mokinda Survase, Savitribai Phule Pune University, India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/68406>

**Epoxy Fillet Height Study of Tapeless QFN Leadframe Package on Different Diebonders**

DOI: 10.9734/jerr/2021/v20i817353

- (1) Bilal Abdullah Nasir, Northern Technical University, Iraq.
- (2) Nasar Aldian Ambark Shashoa, Libyan Academy, Libya.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/68914>

**Derivation of Minimal Cutsets from Minimal Pathsets for a Multi-State System and Utilization of Both Sets in Checking Reliability Expressions**

DOI: 10.9734/jerr/2021/v20i817354

- (1) Tijani Abdul-Aziz Apalara, University of Hafr Al Batin, Saudi Arabia.
- (2) Raheel Muzzammel, University of Lahore, Pakistan.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/69653>

**Substrate Design Augmentation for Die Placement Reference at Die Attach Process**

DOI: 10.9734/jerr/2021/v20i817355

- (1) Benisha M, Jeppiaar institute of Technology, India.
- (2) Anonymous, India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/69118>

**Defining an Optimized Machine Process Sequence to Address Broken Wafer Phenomenon on Semiconductor Products**

DOI: 10.9734/jerr/2021/v20i817356

- (1) Muryanto, Research Center for Chemistry –LIPI, Indonesia.
- (2) Rudy Trisno M.T., Universitas Tarumanagara, Indonesia.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/69493>

**Study of Diebond Machine Platform on Theta Rotation Performance**

DOI: 10.9734/jerr/2021/v20i817357

- (1) Regna Tri Jayanti, Metal Industry Polytechnic of Morowali, Indonesia.
- (2) Mohammad Alibakhshikenari, University of Rome Tor Vergata, Italy.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/68059>

**Silicon Die with Integrated Epoxy for Improved Interface Adhesion**

DOI: 10.9734/jerr/2021/v20i817358

- (1) Anwar Alfaidhi, University of Mosul, Iraq.
- (2) Charushila Axay Patel, Gujarat Technological University, India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/69660>

**Modification of Portable Power Tiller for Small Scale Weeding Operation**

DOI: 10.9734/jerr/2021/v20i817359

- (1) B. Sreedevi, ICAR-Indian Institute of Rice Research, India.
- (2) Hafijur Rahaman, Bangladesh Rice Research Institute, Bangladesh.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/69671>

**A Novel Simplification for the Prediction of Natural Gas Compressibility Factor**

DOI: 10.9734/jerr/2021/v20i817360

- (1) Aregbe Azeez Gbenga, University of Lagos, Nigeria.
- (2) Haijun Fan, China University of Petroleum, China.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/69462>

**Comparative Study of Three Solar Drying Methods of Adenosa digitate L. (Baobab Leaves using Drying Kinetics and Empirical Drying Models)**

DOI: 10.9734/jerr/2021/v20i817361

- (1) Deepika Kohli, Maharana Pratap University of Agriculture and Technology (MPUAT), India.
- (2) Laura Campañone, Universidad Nacional de La Plata, Argentina.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/69096>

**Beating of Eucalyptus Pulp Fibers under Neutral and Alkaline Conditions –A Valley Beater Study**

DOI: 10.9734/jerr/2021/v20i817362

- (1) Ahmet Tutuş, Turkey.
- (2) Diki N'Guessan Yao Silvere, Université Félix Houphouët-Boigny (UFHB), Côte d'Ivoire.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/69722>

**Addressing the Broken Wire Issue during the Assembly Manufacturing of QFN Leadframe Device**

DOI: 10.9734/jerr/2021/v20i817363

- (1) Sami Myllymäki, University of Oulu, Finland.
- (2) Suman De, SAP Labs India Pvt. Ltd., India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/69954>

**Different Vacuum Pad Design Effects with Z-Picker Assembly**

DOI: 10.9734/jerr/2021/v20i817364

- (1) Ramapati Mishra, Dr. Ram Manohar Lohia Avadh University, India.
- (2) Geetanjali B. Yatnalkar, Mumbai University, India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/69894>

**Glass Die Ink Marking Media Selection for a Robust Glass Attach Process**

DOI: 10.9734/jerr/2021/v20i817365

- (1) Bhaskar Gupta, IIMT College of Polytechnic, India.
  - (2) Ravi Shankar Raman, Dr. A.P.J. Abdul Kalam Technical University, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/69935>

**Air Pollution Assessment of a Gas Flare Site in the Niger Delta Region**

DOI: 10.9734/jerr/2021/v20i817366

- (1) Swapnila Roy, K. K. University, India.
  - (2) Carlos Deliz, University Ana G. Mendez and University of Puerto Rico, Puerto Rico.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/69064>

**2021 - Volume 20 [Issue 9]**

**Low Latency, Low Power in A.I. Perception Modules Development and Implementation for Autonomous Driving**

DOI: 10.9734/jerr/2021/v20i917368

- (1) K D Mohana Sundaram, Siddharth Institute of Engineering & Technology (SIETK), India.
  - (2) Santosh Mani, Somaiya Vidyavihar University (SVU), India.
  - (3) Rafaela de Souza Henriques, Federal Center for Technological Education, Brazil.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/66027>

**Wire Shorting Defect Mitigation on Substrate LGA Device through Wirebond Capillary Adjustment**

DOI: 10.9734/jerr/2021/v20i917367

- (1) Thinal Raj, The National University of Malaysia (UKM), Malaysia.
  - (2) James Kweku Nkrumah Nyarko, Northwestern Polytechnical University, China.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/69648>

**Assembly Wirebond Process Solution for Mitigating Leadframe Bouncing on Multi-Die QFN Device**

DOI: 10.9734/jerr/2021/v20i917369

- (1) Yeison Alberto Garcés Gómez, Universidad Católica de Manizales, Colombia.
  - (2) D. Karthikeyan, SRM Institute of Science and Technology, India.
  - (3) I Made Ginarsa, University of Mataram, Indonesia.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/69658>

**Resolution of Low IMC on Multi-Stacked Dice Device with Different Bond Pads**

DOI: 10.9734/jerr/2021/v20i917370

- (1) P. Narasimman, Kings College of Engineering, India.
  - (2) Ilgaitis Prūsis, Riga Technical University, Latvia.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/69827>

**Impact of Curing Methods on the Porosity and Compressive Strength of Concrete**

DOI: 10.9734/jerr/2021/v20i917371

- (1) Shivendra Nandan, Galgotias University, India.
  - (2) Arun Y. Patil, KLE Technological University, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/70181>

**Multi-Mean Scout Particle Swarm Optimization (MMSCPSO) based Reactive Power Optimization in Large-Scale Power Systems**

DOI: 10.9734/jerr/2021/v20i917372

- (1) Eftimie Elena, Transilvania University of Braşov, Romania.
  - (2) Gheorghe Grigoras, Technical University Gheorghe Asachi Iasi, Romania.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/69898>

**Cost Implications of Equipment Failures Using Life Cost Based Failure Modes and Effects Analysis (FMEA) on 365KVA Caterpillar Generator**

DOI: 10.9734/jerr/2021/v20i917373

- (1) Gallab Maryam, Mines-Rabat School (ENSMR), Morocco.
  - (2) M. Ramachandran, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/69673>

**Comparison of Suction/Injection Effect on Flow, Heat and Mass Transfer in Porous Media Using a Combined Similarity-Numerical Solution**

DOI: 10.9734/jerr/2021/v20i917374

- (1) Pavel Bělík, Augsburg University, USA.
  - (2) Yan Jia, Inner Mongolia University of Technology (IMUT), China.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/69872>

**Support Vector Machine Model for Predicting Gas Saturated and Undersaturated Crude Oil Viscosity of Niger Delta Oil Reservoir**

DOI: 10.9734/jerr/2021/v20i917375

- (1) Kamaljit Singh, Kurukshetra University, India.
  - (2) Walther Stikvoort, Netherlands.
  - (3) Abdelaziz Nasr El-hoshoudy, Egyptian Petroleum Research Institution (EPRI), Egypt.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/70264>

**Performance of Active Clamp and Interleaved Active Clamp Fly back DC-DC Converters for PV Systems**

DOI: 10.9734/jerr/2021/v20i917376

- (1) P. Abirami, Sathyabama Institute of Science and Technology, India.
  - (2) Ayong Hiendro, Tanjungpura University, Indonesia.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/69966>

**Design of a Community-Based Anaerobic Digester for Sustainable Solid Waste Management in Ile-Oluji Ondo State Nigeria**

DOI: 10.9734/jerr/2021/v20i917377

- (1) Akarsh Verma, University of Petroleum and Energy Studies, India.
  - (2) Subhash Anand, University of Delhi, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/69807>

**Characterization and Application of Solitons in a High Nonlinearity Optical Link with Dense Wavelength Division Multiplexing (DWDM) and Ultra-Dense Wavelength Division Multiplexing (UDWDM) Technics**

DOI: 10.9734/jerr/2021/v20i917378

- (1) Kaoutar Saidi Alaoui, Moulay Ismail University, Morocco.
  - (2) Bogning Jean Roger, University of Bamenda, Cameroon.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/70159>

**Rainfall in Bangladesh**

DOI: 10.9734/jerr/2021/v20i917379

- (1) G. Udhaya Sankar, Alagappa University, India.
  - (2) Mohamed Behnassi, Ibn Zohr University, Morocco.
- Complete Peer review History: <https://www.sdiarticle4.com/review-history/70677>

**Understanding Jig Alignment Error Occurrences for Substrate 1-Map Strips**

DOI: 10.9734/jerr/2021/v20i917380

(1) Zhiyu Jiang, Lehigh University, USA.

(2) Ali H. Wheeb, University of Baghdad, Iraq.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/69826>

**Viscoelastic Material Characterization: A Realistic Approach to Stress Analysis**

DOI: 10.9734/jerr/2021/v20i917381

(1) Saeed Shahsavari, Isfahan University of Technology, Iran.

(2) Alexander, Perm National Research Polytechnic University, Russia.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/70715>

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**Investigation on the Flexural Modulus of Silicon Dies to Improve Die Mechanical Modeling Accuracy**

DOI: 10.9734/jerr/2021/v20i1017389

(1) Merad Faiza, Abou Bekr Belkaid University, Algeria.

(2) Khalid Fazaa Mahmmod, Ninevah University, Iraq.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/70870>

**Process Simplification on Integration of UV Cure Machine with Tape Saw Singulation**

DOI: 10.9734/jerr/2021/v20i1017382

(1) Adilson Costa da Silva, Federal University of Rio de Janeiro, Brazil.

(2) Shri Prakash Pandey, Teerthanker Mahaveer University, India.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/69701>

**Structural Assessment Considering Architectural Constraints with Seismic Retrofitting**

DOI: 10.9734/jerr/2021/v20i1017383

(1) John K. Makunza, University of Dar Es Salaam, Tanzania.

(2) Ramin Tabatabaei Mirhossini, IAUK University, Iran.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/70872>

**Development of Optimal Design and Circular Broach Modular Design of Disc Cutters with the Development of a Parametric Model**

DOI: 10.9734/jerr/2021/v20i1017384

(1) P.S. Manoharan, Thiagarajar College of Engineering, India.

(2) B. Saravanan, VSVN polytechnic college, India.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/70845>

**Elimination of Non-stickon Leads Defect through Re-designed WCTP**

DOI: 10.9734/jerr/2021/v20i1017385

(1) Emilio Abad-Segura, University of Almeria, Spain.

(2) Jurairat Phuttharak, Prince of Songkla University, Thailand.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/69828>

**Design of a Microcontroller Based Community Security System for Developing Nations**

DOI: 10.9734/jerr/2021/v20i1017386

(1) S. Ramesh, Anna University, India.

(2) Azahari Bin Salleh, Universiti Teknikal Malaysia Melaka, Malaysia.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/70908>

**RSOB Shorting Defect Resolution through Looping Optimization and Ball Placement at Wirebond Process**

DOI: 10.9734/jerr/2021/v20i1017387

(1) Leyla Taghavifar, Islamic Azad University, Iran.

(2) Ahmad Zaidi Bin Abdullah, UNIMAP, Malaysia.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/70393>

**Development of High Sensitivity Illuminance Meter for Measurements in Lighting Engineering and Photometry**

DOI: 10.9734/jerr/2021/v20i1017390

(1) Annan Jiang, Dalian Maritime University, China.

(2) I.Gede Tunas, Universitas Tadulako, Indonesia.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/70912>

**An Optimised Traffic Control Scheme with Preference to Emergency Vehicles Leveraging RFID**

DOI: 10.9734/jerr/2021/v20i1017391

(1) Trung Nguyen, University of Toronto, Canada.

(2) G. Saravanan, Anna University, India.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/69365>

**The effect of TiO<sub>2</sub> Nanoparticles in Epoxy Paint Formulation on Metal Surfaces**

DOI: 10.9734/jerr/2021/v20i1017392

(1) Mirela Iorga, Research Institute in Timișoara, Romania.

(2) R. Sankaranarayanan, Mepco Schlenk Engineering College, India.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/71083>

**Studying the effect of Eliminating Repeated Individuals from the Population in a Genetic Algorithm: Solution Perspectives for the Travelling Salesman Problem**

DOI: 10.9734/jerr/2021/v20i1017393

(1) Tobias Rupp, University of Stuttgart, Germany.

(2) Min Xu, Carnegie Mellon University, USA.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/69217>

**Velocity Slip Effect on MHD Power-Law Fluid over a Moving Surface with Heat Generation, Viscous Dissipation and Thermal Radiation**

DOI: 10.9734/jerr/2021/v20i1017394

(1) Oumar Drame, Cheikh Anta Diop University, Senegal.

(2) Monaem Elmnifi, Bright Star University, Libya.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/71417>

**Repair and Maintenance Cost Estimation for Two Power Sizes of Agricultural Tractors as Affected by Hours of Use and Age in Years: A Case Study, Dongola Area, Sudan**

DOI: 10.9734/jerr/2021/v20i1017395

(1) Farshad Abbasi, Mondragon University, Spain.

(2) Yaichi Mohammed, Research Unit in Renewable Energy in Saharan Medium, Algeria.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/71508>

**Adaptive Switching Hybrid Blast-STBC MIMO System**

DOI: 10.9734/jerr/2021/v20i11017396

(1) Matteo Bruno Lodi, University of Cagliari, Italy.

(2) Ari Endang Jayati, Universitas Semarang, Indonesia.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/70983>

**A Literature Review on the Development of Remote Sensing in Damage Detection of Civil Structures**

DOI: 10.9734/jerr/2021/v20i11017388

(1) Xiangfeng L. V., University of Science and Technology, China.

(2) Weiping Wen, Harbin Institute of Technology, China.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/70931>

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**Comparison Study between Theoretical and Numerical Analyses for Ball Bearing**

DOI: 10.9734/jerr/2021/v20i1117402

(1) Marwa Mohamed El-Sayed, National Research Centre, Egypt.

(2) Yuhou Wu, Shenyang Jianzhu University, China.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/71436>

**Using Element Birth and Death Technique in Modeling Cumulative Molded Substrate Expansion before Singulation**

DOI: 10.9734/jerr/2021/v20i1117412

(1) Ooi Chek Yee, Universiti Tunku Abdul Rahman, Malaysia.

(2) Arun Kumar Yadav, Dr. A.P.J. Abdul Kalam Technical University, India.

(3) M. Meenakumari, Sri Ranganathar institute of Engineering and Technology, India.

(4) S. Thangalakshmi, Indian Maritime University, India.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/72207>

**Enhancement of GSC Using OFDM and QAM Over Reyleign Fading Channel: A Review**

DOI: 10.9734/jerr/2021/v20i1117414

(1) Dolly Sharma, Babu Banarasi Das Northern India Institute of Technology, India.

(2) I. Gede Tunas, Universitas Tadulako, Indonesia.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/72102>

**Effect of Egg Shell Composition on the Flexural and Hardness Properties of Epoxy Resin/ Egg Shell Particles Composite**

DOI: 10.9734/jerr/2021/v20i1117398

(1) Sundus Saleh Nehaba, Al-Qasim Green University, Iraq.

(2) Shameran Jamal Salih Hamed, Koya University, Iraq.

(3) Ginju M. L., Manonmaniam Sundaranar University, India.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/70220>

**Hybrid Method of Video Shot Segmentation Based on YCbCr Space Color Model**

DOI: 10.9734/jerr/2021/v20i1117399

(1) Parthasarathy G, SRM TRP Engineering College, India.

(2) B. Rajalingam, St.Martin's Engineering College, India.

(3) Jayasudha J. S., Sree Chitra Thirunal College of Engineering, India.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/71178>

**Evaluation of Mechanical and Microstructural Properties of Al-SiC/Gr Particulate Produced by Stir Casting Technique**

DOI: 10.9734/jerr/2021/v20i1117401

(1) H.S. Kumaraswamy, BNM Institute of Technology, India.

(2) Ahmad Salah Edeen Nassef, Helwan University, Egypt and University of Buraimi, Oman.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/71365>

**Effect of Rice Husk Ash (RHA) and Slag as Partial Replacement of Cement on Reinforced Concrete Slabs**

DOI: 10.9734/jerr/2021/v20i1117403

(1) Shan Hua-feng, Taizhou University, China.

(2) Ruinian Jiang, New Mexico State University, USA.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/71788>

**Wastewater Treatment of Wet Coffee Processing in an Anaerobic Sequencing Batch Reactor Pretreated with Electro Coagulation**

DOI: 10.9734/jerr/2021/v20i1117404

(1) Ashraf El-Shamy, National Research Centre, Egypt.

(2) C. Sagi Rani, NoorulIslam University, India.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/71301>

**Digital Exhaust Controller for Pressure Detection on Die Attach Oven Curing Machine**

DOI: 10.9734/jerr/2021/v20i1117406

(1) Ahmad Fahad Ahmad, University Putra Malaysia, Malaysia.

(2) Rasajit Kumar Bera, National Institute of Technical Teachers' Training and Research, India.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/72055>

**Enhanced Ball Shear Testing Configuration For Substrate LGA Sensor Devices**

DOI: 10.9734/jerr/2021/v20i1117407

(1) Ait Belaid, Cadi Ayyad University, Morocco.

(2) Sofyan Taya, Islamic University of Gaza, Palestine.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/72059>

**Development of a Corn Drying System**

(1) Yakov Verkhivker, Odessa National Academy Food Technologies, Ukraine.

(2) Valentina Nikolova-Alexieva, University of food technologies, Bulgaria.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/72027>

**Voltage Stability Evaluation in the Nigeria 44 Bus Grid Network using Modal Analysis**

DOI: 10.9734/jerr/2021/v20i1117411

(1) K. Lenin, Prasad V. Potluri Siddhartha Institute Of Technology, India.

(2) Balasim Mohammed Hussein, University of Diyala, Iraq.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/72238>

#### **Maintenance Performance Evaluation and Downtime Analysis of Manufacturing Equipment in a Food Manufacturing Company**

DOI: 10.9734/jerr/2021/v20i1117413

- (1) Ricardo Aurélio Quinhões Pinto, Universidade Federal de Santa Catarina, Brazil.
- (2) Shashidhar K Kudari, CVR Engineering College, India.
- (3) Sergei N. Polbitsyn, Ural Federal University, Russia.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/51605>

#### **Efficient Power Response Characteristics of 2KVA Low Cost Inverter under Resistive Loads and Inductive Loads**

DOI: 10.9734/jerr/2021/v20i1117415

- (1) Vibhuti, Sri Sai College of Engineering & Technology, India.
- (2) Neel Kamal, Noida Institute of Engineering & Technology, India.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/71773>

#### **Coffee Processing Wastewater Management: An Overview**

DOI: 10.9734/jerr/2021/v20i1117405

- (1) Akarsh Verma, University of Petroleum and Energy Studies, India.
- (2) Satya Prakash Mehra, Rajputana Society Of Natural History & International Center on Nonviolent Conflict, India.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/72032>

### **2021 - Volume 20 [Issue 12]**

#### **Application of Artificial Neural Network in Determining Performance Profile of Compression Ignition Engine Operated with Orange Peel Oil-Based Biodiesel**

DOI: 10.9734/jerr/2021/v20i1217416

- (1) Farshad Farahbod, Islamic Azad University, Iran.
- (2) Benjamin Ufuoma Oreko, Federal University of Technology, Nigeria.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/71533>

#### **Multi Sensor Image Fusion Using Stationary Wavelet Transform and Feature Extraction from Gabor Filter and GLCM Texture**

DOI: 10.9734/jerr/2021/v20i1217417

- (1) M. Kalarathi, Mepco Schlenk Engineering College, India.
- (2) Lim Eng Aik, Universiti Malaysia Perlis, Malaysia.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/73014>

#### **The Flexural Behavior of Ferrocement Composite Hollow-Cored Sections**

DOI: 10.9734/jerr/2021/v20i1217418

- (1) Noah Pierre Marcel anicet, University of Douala, Cameroon.
- (2) Yan Han, North China University of Technology, China.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/73276>

#### **A Pine Shaped Dual-Band Frequency Reconfigurable Antenna**

DOI: 10.9734/jerr/2021/v20i1217419

- (1) Mekala Harinath Reddy, Sathyabama University, India.
- (2) Mohammad Alibakhshikenari, University Carlos III de Madrid, Spain.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/72270>

#### **Application of Neural Network Algorithm in Propylene Distillation**

DOI: 10.9734/jerr/2021/v20i1217420

- (1) S. Anita, St. Anne's College of Engineering and Technology, India.
- (2) EL Hanjri Adhane, Hassan first University, Morocco.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/72606>

#### **Evaluation of Spatio-Temporal Soil Moisture Variability in Semi-Arid Rangeland Ecosystem, Maasai Mara National Reserve, Kenya**

DOI: 10.9734/jerr/2021/v20i1217421

- (1) Nooshin Sajjadi, Islamic Azad University, Iran.
- (2) Lupupa Kachenga, Eden University, Zambia.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/72533>

#### **Numerical Study on Propagation of Ice Breaking Shock Waves in Process of Breaking Ice by Double-Layer Charge Blasting**

DOI: 10.9734/jerr/2021/v20i1217422

- (1) Saeed Ahmed Asiri, King Abdulaziz University, Saudi Arabia.
- (2) Zhenjiao Sun, Shandong University of Science and Technology, China.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/73619>

#### **Effect of Heat treatment on the Chemical and Microstructural Properties of Wheat Straw Ash (WSA)**

DOI: 10.9734/JERR/2021/v20i1217423

- (1) Venkata Sanyasi Seshendra Kumar Karri, GITAM University, India.
- (2) Wasinton Simanjuntak, Lampung University, Indonesia.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/73575>

#### **Eucalyptus Pulp Fibers with In-Situ Precipitated Calcium Carbonate – A 12-Inch Laboratory Paper Machine Study**

DOI: 10.9734/jerr/2021/v20i1217424

- (1) J. R. Pitroda, Gujarat Technological University, India.
- (2) Manish Bhandari, Jai Narain Vyas University, India.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/73530>

#### **Design and Research on the NO<sub>2</sub> Gas Monitoring System Based on MCU**

DOI: 10.9734/jerr/2021/v20i1217425

- (1) Kitiyaporn Pongpratead, Khon Kaen University, Thailand.
- (2) Li Fu, Jilin Institute of Chemical Technology, China.
- (3) Shah Nawaz Ahmad, Jamia Millia Islamia, India.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/72870>

#### **Challenges to Health and Safety Compliance for Construction Projects in South East, Nigeria**

DOI: 10.9734/jerr/2021/v20i1217427

- (1) Lezin Seba Minsili, The University of Yaoundé 1, Cameroon.
- (2) Samira Barakat, Isfahan University of Medical Sciences, Iran.
- (3) Hüseyin Yıldırım Dalkılıç, Erzincan Binali Yıldırım University, Turkey.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/74272>

#### **Development and Implementation of a Low-cost Automatic Dual-axis Solar Tracker through Hardware/Software Embedded Program Control**

DOI: 10.9734/jerr/2021/v20i1217428

- (1) O.A. Alagbe, Federal University of Technology, Nigeria.
- (2) Ahmad Imran Ibrahim, International Islamic University Malaysia, Malaysia.
- (3) Ezzeddin M. Elarbi, Tripoli University, Libya.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/73878>

#### **Development of a Snake Gourd Seed Decorticating Machine**

DOI: [10.9734/jerr/2021/v20i1217432](https://doi.org/10.9734/jerr/2021/v20i1217432)

- (1) Naú SilverioNiño Gutiérrez, Autonomous University of Guerrero, Mexico.
  - (2) Er. Sunil Kumar, Banda University of Agriculture and Technology, India.
- Complete Peer review History: <https://www.sdiarticle4.com/review-history/73289>

#### **Development of Auto Thermal Control Device For Space Air – Conditioning**

DOI: [10.9734/jerr/2021/v20i1217433](https://doi.org/10.9734/jerr/2021/v20i1217433)

- (1) Tan Wei Hong, Universiti Malaysia Perlis, Malaysia.
  - (2) Ashrafoalsadat Shekarbaghani, Organization for Educational Research and Planning, Iran.
- Complete Peer review History: <https://www.sdiarticle4.com/review-history/72829>

#### **Renewable Energy: Sources, Integration and Application: Review Article**

DOI: [10.9734/jerr/2021/v20i1217426](https://doi.org/10.9734/jerr/2021/v20i1217426)

- (1) Tan Wei Hong, Universiti Malaysia Perlis, Malaysia.
  - (2) Shamrita Zaman, North South University, Bangladesh.
- Complete Peer review History: <https://www.sdiarticle4.com/review-history/74323>

### **2021 - Volume 21 [Issue 1]**

#### **Assessing the Grindability Behaviour of Anka (Zamfara State, Nigeria) Manganese Ore towards Effective Manganese Mineral Liberation**

DOI: [10.9734/jerr/2021/v21i117441](https://doi.org/10.9734/jerr/2021/v21i117441)

- (1) Yagya Dutta Dwivedi, Institute of Aeronautical Engineering, India.
  - (2) José de Souza, Foundation School Technical Liberato Salzano Vieira Da Cunha, Brazil.
  - (3) Mustafa Safa Yilmaz, Fatih Sultan Mehmet Vakif University, Turkey.
- Complete Peer review History: <https://www.sdiarticle4.com/review-history/73813>

#### **Behavior of Self Compacted Concrete Ferrocement Beams**

DOI: [10.9734/jerr/2021/v21i117434](https://doi.org/10.9734/jerr/2021/v21i117434)

- (1) APACO JOAN, Kyambogo University, Uganda.
  - (2) Godwin Anwara Ibe, Akanu Ibiam Federal Polytechnic, Nigeria.
  - (3) Tayyab Naqash, Islamic University Madinah, Saudi Arabia.
  - (4) Qasim M. Shakir, University of Kufa, Iraq.
- Complete Peer review History: <https://www.sdiarticle4.com/review-history/73935>

#### **Assessment of Sandcrete Blocks Quality in Owerri, Imo State, Nigeria**

DOI: [10.9734/jerr/2021/v21i117435](https://doi.org/10.9734/jerr/2021/v21i117435)

- (1) Basheer A. Abdulhussein, University of Technology, Iraq.
  - (2) Khairul Nizar Ismail, Universiti Malaysia Perlis, Malaysia.
- Complete Peer review History: <https://www.sdiarticle4.com/review-history/74965>

#### **Maintenance Techniques for Cracks in Asphalt Layers**

DOI: [10.9734/JERR/2021/v21i117436](https://doi.org/10.9734/JERR/2021/v21i117436)

- (1) Khadija Baba, Mohammed V University, Morocco.
  - (2) Nurhadi Siswanto, Institut Teknologi Sepuluh Nopember, Indonesia.
- Complete Peer review History: <https://www.sdiarticle4.com/review-history/74919>

#### **Design and Construction of a Microcontroller-Based Driver Alcohol Detection System (MDADS)**

DOI: [10.9734/jerr/2021/v21i117437](https://doi.org/10.9734/jerr/2021/v21i117437)

- (1) Mirkhosil Agzamov, Tashkent institute of textile and light industry, Uzbekistan.
  - (2) Mohamad Hussein Farhat, Australian College of Kuwait, Kuwait.
- Complete Peer review History: <https://www.sdiarticle4.com/review-history/73117>

#### **The Future and Prospects of Periwinkle Composites in Reinforced Concretes: A Review**

DOI: [10.9734/jerr/2021/v21i117439](https://doi.org/10.9734/jerr/2021/v21i117439)

- (1) Hao-Chun Chiang, New York University Tandon School of Engineering, USA.
  - (2) Alcinia Zita Sampaio, University of Lisbon, Portugal.
- Complete Peer review History: <https://www.sdiarticle4.com/review-history/75173>

### **2021 - Volume 21 [Issue 2]**

#### **Photovoltaic (PV) Model Evaluation with Maximum Power Point Tracking (MPPT)**

DOI: [10.9734/jerr/2021/v21i217440](https://doi.org/10.9734/jerr/2021/v21i217440)

- (1) Reccab Ochieng Manyala, University of Zambia, Zambia.
  - (2) K. Lenin, Prasad V. Potluri Siddhartha Institute of Technology, India.
- Complete Peer review History: <https://www.sdiarticle4.com/review-history/75168>

#### **Failure of Public Building Projects: An Investigation of Abandoned Hospital Projects in Imo State, Nigeria**

DOI: [10.9734/jerr/2021/v21i217442](https://doi.org/10.9734/jerr/2021/v21i217442)

- (1) N. Seshadri Sekhar, Sri Chandrasekharendra Saraswathi Viswa Maha Vidyalyaya, India.
  - (2) Mushtaq Ahmad, National Energy University Malaysia.
- Complete Peer review History: <https://www.sdiarticle4.com/review-history/74687>

#### **Evaluation on the Use of Plants and Equipment in Building Project Delivery in Imo State, Nigeria**

DOI: [10.9734/jerr/2021/v21i217443](https://doi.org/10.9734/jerr/2021/v21i217443)

- (1) Mahdi Hosseini, Nanjing Forestry University, China.
  - (2) Namrata D. Jariwala, S.V. National Institute of Technology, India.
- Complete Peer review History: <https://www.sdiarticle4.com/review-history/74686>

#### **Design and Construction of Smart Vehicle Security System Using GPS and Spy Cam**

DOI: [10.9734/jerr/2021/v21i217444](https://doi.org/10.9734/jerr/2021/v21i217444)

- (1) S. Kannadhasan, Cheran College of Engineering, India.
  - (2) Yasmine M. Tabra, Al Nahrain University, Iraq.
- Complete Peer review History: <https://www.sdiarticle4.com/review-history/75332>

#### **Design and Kinematics Analysis of Suspension System for a Formula Society of Automotive Engineers (FSAE) Car**

DOI: [10.9734/jerr/2021/v21i217445](https://doi.org/10.9734/jerr/2021/v21i217445)

- (1) Suresh N, Anna University, India.
  - (2) Myriam Rocio Pallares Muñoz, Surcolombiana University, Colombia.
- Complete Peer review History: <https://www.sdiarticle4.com/review-history/75066>

**Evaluation of Land Capability for Housing Development at Nachi Built Environment, Enugu State, Nigeria**

DOI: [10.9734/jerr/2021/v21i217446](https://doi.org/10.9734/jerr/2021/v21i217446)

- (1) Manjunath N V, Bannariamman Institute of Technology, India.
  - (2) C. Rajakumar, Jawaharlal Nehru Technological University, India.
- Complete Peer review History: <https://www.sdiarticle4.com/review-history/74688>

**2021 - Volume 21 [Issue 3]**

**Treatment Efficiency of Drill Cuttings Using Thermal Desorption Technology**

DOI: [10.9734/jerr/2021/v21i317447](https://doi.org/10.9734/jerr/2021/v21i317447)

- (1) Shoomaila Imran, University of the Punjab, Pakistan.
  - (2) Kamallesh Kumar, Birla Institute of Technology and Science, India.
- Complete Peer review History: <https://www.sdiarticle4.com/review-history/75680>

**Kinetics Studies on the Coagulation of Abattoir Wastewater Using Groundnut Shell Extract as a Natural Coagulant**

DOI: [10.9734/jerr/2021/v21i317449](https://doi.org/10.9734/jerr/2021/v21i317449)

- (1) Dumitru Gabriela, Alexandru Ioan Cuza University, Romania.
  - (2) Oluwadare Joshua Oyeboode, Afe Babalola University, Nigeria.
- Complete Peer review History: <https://www.sdiarticle4.com/review-history/75857>

**Distribution Network Reliability and Efficiency Enhancement Using Distributed Generation**

DOI: [10.9734/jerr/2021/v21i317452](https://doi.org/10.9734/jerr/2021/v21i317452)

- (1) Mudide ramprasad, Jawaharlal Nehru Technological University Hyderabad, India.
  - (2) Madhu Palati, BMS Institute of Technology and Management, India.
- Complete Peer review History: <https://www.sdiarticle4.com/review-history/76100>

**Review of Python Applications in Solving Oil and Gas Problems**

DOI: [10.9734/jerr/2021/v21i317448](https://doi.org/10.9734/jerr/2021/v21i317448)

- (1) Mihai Gianina, Universitatea "Dunărea de Jos" Galați, Romania.
  - (2) Abdelaziz Nasr El-hoshoudy, Egyptian Petroleum Research Institute, Egypt.
- Complete Peer review History: <https://www.sdiarticle4.com/review-history/76195>

**Anisotropic Metamaterials Filled Rectangular Metallic Waveguides Propagation Study and Analysis**

DOI: [10.9734/jerr/2021/v21i317450](https://doi.org/10.9734/jerr/2021/v21i317450)

- (1) G. Srinivas, Deemed To Be University, India.
  - (2) Guruswamy Revana, BVRIT Hyderabad College of Engineering for Women, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/74659>

**Review of Artificial Neural Network and Its Application Research in Distillation**

DOI: [10.9734/jerr/2021/v21i317451](https://doi.org/10.9734/jerr/2021/v21i317451)

- (1) Ankur Geete, S. D. Bansal College of Technology, India.
  - (2) Claudia Gutiérrez-Antonio, Universidad Autónoma de Querétaro, México.
  - (3) V Saravanan, SNS Group of Institutions, India.
- Complete Peer review History: <https://www.sdiarticle4.com/review-history/75913>

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**The use of Crushed Waste Glass as a Partial Replacement of Fine Aggregates in Asphalt Concrete Mixtures (Glassphalt)**

DOI: [10.9734/jerr/2021/v21i417455](https://doi.org/10.9734/jerr/2021/v21i417455)

- (1) Hoikwan Lee, Dankook University, South Korea.
  - (2) Abdul Hameed, Osmania University, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/73594>

**Electricity Production Using Plant-Microbial Fuel Cell (P-MFC)**

DOI: [10.9734/jerr/2021/v21i417456](https://doi.org/10.9734/jerr/2021/v21i417456)

- (1) Haleemah J. Mohammed, Ministry of Science and Technology, Iraq.
  - (2) Asim Ali Yaqoob, University of Science, Malaysia.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/74854>

**Analysis of Rainfall Variability and Trends Over Nzoia River Basin, Kenya**

DOI: [10.9734/jerr/2021/v21i417457](https://doi.org/10.9734/jerr/2021/v21i417457)

- (1) Marcela Bianchessi da Cunha Santino, Universidade Federal de São Carlos, Brazil.
  - (2) Mahmudah, Universitas Airlangga, Indonesia.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/75040>

**Prospects for Improving Building Maintenance Management in Nigerian Public Universities: A Case Study of Nnamdi Azikiwe University**

DOI: [10.9734/jerr/2021/v21i417458](https://doi.org/10.9734/jerr/2021/v21i417458)

- (1) Zul-Atfi Ismail, Universiti Malaysia Perlis, Malaysia.
  - (2) Nur Ain Binti Ismail, Universiti Teknologi Mara, Malaysia.
- Complete Peer review History: <https://www.sdiarticle4.com/review-history/74236>

**Analysis of Effects of Foreign Clay and Local Clay Additives on Viscosity of Water Based Drilling Mud**

DOI: [10.9734/jerr/2021/v21i417459](https://doi.org/10.9734/jerr/2021/v21i417459)

- (1) M. Veera Krishna, Rayalaseema University, India.
  - (2) Mohamed Sulyman, Tajoura Research Center, Libya.
- Complete Peer review History: <https://www.sdiarticle4.com/review-history/77019>

**Design and Implementation of Heart Beat Monitor System**

DOI: [10.9734/jerr/2021/v21i417460](https://doi.org/10.9734/jerr/2021/v21i417460)

- (1) Bilal Abdullah Nasir, Northern Technical University, Iraq.
  - (2) Gabriel Gomes De Oliveira, UNICAMP Universidade Estadual de Campinas, Brazil.
- Complete Peer review History: <https://www.sdiarticle4.com/review-history/76091>

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**Analysis of Combustion Characteristics and Emission Characteristics of Alternative Fuels Worldwide**

DOI: [10.9734/jerr/2021/v21i517462](https://doi.org/10.9734/jerr/2021/v21i517462)

- (1) Chuck Chuan Ng, Xiamen University Malaysia, Malaysia.
  - (2) Sayed Rashad Ahmed, RCFF-Agriculture Research Center, Egypt.
- Complete Peer review History: <https://www.sdiarticle4.com/review-history/76579>

**Seasonal Vegetation Response to Climate Variability on Land use Land Cover Changes using In-Situ and Satellite Imagery Observation Data for Semi-Arid Maasai Mara National Reserve Rangeland Ecosystem, Kenya**

DOI: 10.9734/jerr/2021/v21i517461

- (1) Abdelkhalik Ibrahim Alastal, Islamic University, Palestine.
  - (2) Badr-Eddine Boudriki Semlali, Abdelmalek Essaâdi University, Morocco.
- Complete Peer review History: <https://www.sdiarticle4.com/review-history/75161>

**Long Term Behavior of Ultra High-Performance Concrete**

DOI: 10.9734/jerr/2021/v21i517463

- (1) K. Nirmalkumar, Kongu Engineering College, India.
  - (2) Siddesh Pai, India.
- Complete Peer review History: <https://www.sdiarticle4.com/review-history/76048>

**Innovative and Robust Application of Automation for Unit Level Traceability on Dual Die configuration of Micro Electromechanical System Products**

DOI: 10.9734/jerr/2021/v21i517464

- (1) Tan Wei Hong, Universiti Malaysia Perlis, Malaysia.
  - (2) Atishey Mittal, National Institute of Technology, India.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/77159>

**Africa: Her Space-Time Convergence Status**

DOI: 10.9734/jerr/2021/v21i517465

- (1) Kanchana V, Amrita Vishwa Vidyapeetham, India.
  - (2) Sutanto Soehodho, University of Indonesia, Indonesia.
  - (3) Panagiotis Lemonakis, University of Thessaly, Greece.
  - (4) Linh H. Nguyen, Vietnam.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/74936>

**Effect of Calcination on the Chemical and Microstructural Properties of Rice Husk Ash**

DOI: 10.9734/jerr/2021/v21i517466

- (1) Pang Yean Ling, Universiti Tunku Abdul Rahman, Malaysia.
  - (2) Mario Caterini, University of Calabria, Italy.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/77060>

**2021 - Volume 21 [Issue 6]**

**Summary of Research on Magnetic Fluid and Its Inclination Sensor**

DOI: 10.9734/jerr/2021/v21i617473

- (1) Alexander G. Yushchenko, National Technical University "Kharkiv Polytechnic Institute", Ukraine.
  - (2) Andy Anderson Bery, Universiti Sains Malaysia, Malaysia.
  - (3) Vivek Korde, Guru Nanak Institute of Engineering and Technology, India.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/77671>

**Structure-property Relationship of Flavonoids as Potential Green Inhibitors for Oilfield Scales: A Mini-review**

DOI: 10.9734/jerr/2021/v21i617472

- (1) M. Javier Cruz Gómez, Universidad Nacional Autónoma de México, México.
  - (2) Selva Kumar R, Mahendra Arts and Science College, India.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/77170>

**Comparison of Normal Ratio Method and Distance Power Method for Estimating Missing Rainfall Data with Three Neighboring Stations**

DOI: 10.9734/jerr/2021/v21i617469

- (1) Basanta Kumar Samala, National University of Ireland Galway, Ireland.
  - (2) Amelia V. Garcia Luengo, University of Almeria, Spain.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/76436>

**Land Pollution Assessment from Slaughterhouses Waste Discharge in Port Harcourt**

DOI: 10.9734/jerr/2021/v21i617470

- (1) Aba-Toumno Lucie, University of Bangui, Central African Republic.
  - (2) Ishfaq Abidi, SKUAST, India.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/77258>

**Development of IOT Device for Sensing Weather and Environmental Pollutants**

DOI: 10.9734/jerr/2021/v21i617471

- (1) M. Pradeep, Shri Vishnu Engineering College for Women(A), India.
  - (2) Jun Kobayashi, University of Kochi, Japan.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/76192>

**2021 - Volume 21 [Issue 7]**

**Art Paper for Large Wood Relief Block Printing – A Paper Development Study**

DOI: 10.9734/jerr/2021/v21i717475

- (1) Irina-Ana Drobot, Technical University of Civil Engineering, Romania.
  - (2) Suhaimi bin Hassan, Universiti Tun Hussein Onn Malaysia, Malaysia.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/77979>

**Effect of Locally Available Wheat Straw Ash in Developing High Strength Concrete**

DOI: 10.9734/jerr/2021/v21i717476

- (1) Paresh Mirgal, Indian Institute of Technology, India.
  - (2) Naveen G.M, Government Engineering College, India.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/77656>

**Experimental Study of the Effects of Convective Drying on Some Selected Vegetables**

DOI: 10.9734/jerr/2021/v21i717477

- (1) Rosenberg J Romero, Autonomous University of Morelos' State, Mexico.
  - (2) Wijitha Senadeera, University of Southern Queensland, Australia.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/76872>

**Real-time Optimization and Implementation of Multi-rate Digital FIR Kernel Filter**

DOI: 10.9734/jerr/2021/v21i717478

- (1) Bello, Hassan Kehinde, Federal Polytechnic, Nigeria.
  - (2) Oluwafemi Mitchell Fadayini, Lagos State Polytechnic, Nigeria.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/77063>

### **Surface Roughness Characterization for Stress Concentration Factor Predictions: A Bayesian Learning Approach**

DOI: 10.9734/jerr/2021/v21i717479

- (1) Ogundokun Roseline Oluwaseun, Landmark University, Nigeria.
  - (2) Cosmas Ifeanyi Nwakanma, Federal University of Technology, Nigeria.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/78407>

### **Structural Behavior of Ferrocement Concrete Plates Subjected to Flexural and Dynamic Loadings**

DOI: 10.9734/jerr/2021/v21i717480

- (1) Ali I. Al-Mosawi, University of Miskolc, Hungary.
  - (2) Ahid Zuhair Hamoodi, University of Basrah, Iraq.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/77627>

## **2021 - Volume 21 [Issue 8]**

### **Innovative and Sustainable Materials in Architectural Engineering**

DOI: 10.9734/jerr/2021/v21i817486

- (1) Muhammad Imran Rashid, University of Engineering and Technology, Pakistan.
  - (2) Obolo Oluipitan Emmanuel, Federal University of Technology, Nigeria.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/78664>

### **Research Status and Development Trend of Magnetic Fluid Acceleration Sensors**

DOI: 10.9734/jerr/2021/v21i817483

- (1) Endah Susilowati, Universitas 17 Agustus 1945 Jakarta, Indonesia.
  - (2) Archana. S.R. S N College for Women, India.
  - (3) Rasajit Kumar Bera, National Institute of Technical Teachers' Training & Research (NITTTR), India.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/77672>

### **Effect of Calcination on the Chemical and Microstructural Properties of Sugarcane Bagasse Ash (SCBA)**

DOI: 10.9734/jerr/2021/v21i817482

- (1) Pradeep H N, Dayananda Sagar College of Engineering, India.
  - (2) Aline Merci, University state of Londrina, Brazil.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/77766>

### **Modelling of Soil Profile Pollutant Yield on Slaughterhouse Wastes Deposited Land**

DOI: 10.9734/jerr/2021/v21i817484

- (1) Rajesh Kumar Singhal, ICAR-Indian Grassland and Fodder Research Institute, India.
  - (2) Ajay Vikram Singh, German federal Institute (BfR), Germany.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/77487>

### **Use of the Correlation Coefficient for Rotating Machine Monitoring**

DOI: 10.9734/jerr/2021/v21i817485

- (1) Bouguenna Driss, University of Mustapha Stambouli of Mascara, Algeria.
  - (2) Noureddine Bessous, El-Oued University, Algeria.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/77995>

### **Diagnosing High Water Production in Kalama Field, Niger Delta**

DOI: 10.9734/jerr/2021/v21i917488

- (1) Kadhim Fadhil Nasir, Al-Furat Al-Awsat Technical University, Iraq.
  - (2) Mohammad Bazvand, Sahand University of Technology, Iran.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/80887>

## **2021 - Volume 21 [Issue 9]**

### **Mathematical Modelling of the Drying Characteristics of Milled Sorghum Residue**

DOI: 10.9734/jerr/2021/v21i917487

- (1) Marwan Noori Ramadhan, College of Agriculture, University of Basrah, Iraq.
  - (2) Hussin Jose Hejase, Al Maaref University, Lebanon.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/76843>

### **Dual Fueling a Lister Diesel Engine with Producer Gas Generated from Wastepaper and Biosolids**

DOI: 10.9734/jerr/2021/v21i917489

- (1) Priyambodo Nur Ardi Nugroho, Politeknik Perkapalan Negeri Surabaya, Indonesia.
  - (2) Ihsan Flayyih Hasan Ai-Jawhari, University of Thi-Qar, Iraq.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/79225>

### **Original Research Article Paper for Screen Printing Applications – A Paper Development Study**

DOI: 10.9734/jerr/2021/v21i917490

- (1) Sanja Mahović Poljaček, University of Zagreb, Croatia.
  - (2) Maanish Bhandari, Jai Narain Vyas University Jodhpur, India.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/80122>

### **Investigation of Evaporative Cooling Pad Material from Hypbaene Thebaica Fibers**

DOI: 10.9734/jerr/2021/v21i917491

- (1) Ahmed A. M. Saleh, University of technology-Baghdad, Baghdad, Iraq.
  - (2) Ibrahim Usman Haruna, Nigeria.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/80468>

### **Multilayer Optical Waveguides as Isolators, Polarizers and Other Optical Devices: A Review**

DOI: 10.9734/jerr/2021/v21i917493

- (1) Aasif Bashir Dar, Islamic University Of Science And Technology, India.
  - (2) Hassane Chadli, Moulay Ismail University, Morocco.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/81012>

## **2021 - Volume 21 [Issue 10]**

### **Numerical Analysis of an Unsaturated Capillary Barrier Cover System**

DOI: 10.9734/jerr/2021/v21i1017498

- (1) Safaa Fakhir Yasir, Universiti Teknologi Mara, Malaysia.
  - (2) Francisco Marcuzzo, Brazil.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/81417>

### **Flexible Joint Robotic Manipulator Performance Improvement Using Mixed Synthesis Technique**

DOI: [10.9734/jerr/2021/v21i1017494](https://doi.org/10.9734/jerr/2021/v21i1017494)

- (1) Yashavant Patel, A D Patel Institute Of Technology, India.
  - (2) Neha Khurana, Mararishi Dayanand University, India.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/81018>

### **Design and Construction of a Two-way Gas Oven**

DOI: [10.9734/jerr/2021/v21i1017495](https://doi.org/10.9734/jerr/2021/v21i1017495)

- (1) Sandeep Kumar Singh, Indian institute of technology Roorkee, India.
  - (2) Naveen G.M, Government Engineering College, India.
  - (3) Awari Mahesh Babu, Vignana Bharathi, Institute of Technology affiliated to JNTUH, India.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/70377>

### **On Farm Performance Evaluation of Back Pack Weeder for Weed Control in Cassava: A Case of Busia County, Kenya**

DOI: [10.9734/jerr/2021/v21i1017496](https://doi.org/10.9734/jerr/2021/v21i1017496)

- (1) Rukhsana, Aliah University, India.
  - (2) Oluwaseun A. Otegunrin, University of Ibadan, Nigeria.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/75898>

### **Critical Review of Polymer Flooding in Daqing Field and Pelican Field: Case Studies of the World's Largest Polymer Flooding in Light and Heavy Oil Reservoirs, Respectively**

DOI: [10.9734/jerr/2021/v21i1017497](https://doi.org/10.9734/jerr/2021/v21i1017497)

- (1) Valdecy Pereira, Universidade Federal Fluminense, Brazil.
  - (2) Nasrollah Hamidi, South Carolina State University, USA.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/83543>

## **2021 - Volume 21 [Issue 11]**

### **Optimizing Percentages of Asphalt Content Extracted from Mixes Containing RAP and/or RAS**

DOI: [10.9734/jerr/2021/v21i1117500](https://doi.org/10.9734/jerr/2021/v21i1117500)

- (1) Humam H. Mohammed, University of Technology, Iraq.
  - (2) Ayman A. Abdulmawjoud, University of Mosul, Iraq.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/83347>

### **Temperative Dependence of Electrical Conductivity in Semiconductors**

DOI: [10.9734/jerr/2021/v21i1117501](https://doi.org/10.9734/jerr/2021/v21i1117501)

- (1) V. Chithambaram, PERI Institute of Technology, India.
  - (2) Avula Edukondalu, Osmania University, India.
  - (3) Muhammad Ahmad Baballe, Kano State Polytechnic, Nigeria.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/77114>

### **Effect of Boehmite Nanoparticles Surface Adsorbed with Vanadium on the Microstructure and Hardness of the Melted Zone in the Submerged Arc Welding Process**

DOI: [10.9734/jerr/2021/v21i1117504](https://doi.org/10.9734/jerr/2021/v21i1117504)

- (1) Pankaj Balasaheb Gavali, Sanjay Ghodawat University, India.
  - (2) Tunji John Erinle, Federal Polytechnic, Nigeria.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/84003>

### **Blotting Paper for Bench Type Testing - A 48-inch Pilot Paper Machine Production Run**

DOI: [10.9734/jerr/2021/v21i1117507](https://doi.org/10.9734/jerr/2021/v21i1117507)

- (1) Muryeti, Politeknik Negeri Jakarta, Indonesia.
  - (2) Vipul S. Chauhan, India.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/83398>

### **In-Situ Precipitated Calcium Carbonate Paper Filler Material: A Review**

DOI: [10.9734/jerr/2021/v21i1117502](https://doi.org/10.9734/jerr/2021/v21i1117502)

- (1) Mauri Sergio Alves Palma, University of São Paulo, Brazil.
  - (2) Adrian Krzysztof Antosik, West Pomeranian University of Technology, Poland.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/84113>

## **2021 - Volume 21 [Issue 12]**

### **Evaluation of the Suitability of Carboxymethyl Cellulose (CMC) from Rice Husks/Saw Dust as Replacement for Conventional Hydroxy Ethyl Cellulose (HEC) as Additive for Cement Slurry Design**

DOI: [10.9734/jerr/2021/v21i1217503](https://doi.org/10.9734/jerr/2021/v21i1217503)

- (1) Oloro Obarhire John, Delta State University, Nigeria.
  - (2) Dalibor Petkovic, University of Nis, Serbia.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/84298>

### **Reduction of Harmonics in Power Lines Using Finite Impulse Response Filter**

DOI: [10.9734/jerr/2021/v21i1217508](https://doi.org/10.9734/jerr/2021/v21i1217508)

- (1) Surender Kumar Grewal, Dcr University of Science & Technology Murthal, India.
  - (2) Sunita Barot, USA.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/83737>

### **Monitoring and Evaluation of The Reliability of Distribution Network with Distributed Generation**

DOI: [10.9734/jerr/2021/v21i1217510](https://doi.org/10.9734/jerr/2021/v21i1217510)

- (1) Vedran Mrzljak, University of Rijeka, Croatia.
  - (2) Dalibor Petkovic, University of Nis, Serbia.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/83865>

### **Nonlinear Finite Element Analysis for Concrete Deep Beam Reinforced with GFRP Bars**

DOI: [10.9734/jerr/2021/v21i1217517](https://doi.org/10.9734/jerr/2021/v21i1217517)

- (1) A. Chithambar Ganesh, Sree Vidyanikethan Engineering College, India.
  - (2) Ali Fadhil Naser, Al-Furat Al-Awsat Technical University, Iraq.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/84333>

### **Research Progress of Chemical Process Control and Optimization Based on Neural Network**

DOI: [10.9734/jerr/2021/v21i1217506](https://doi.org/10.9734/jerr/2021/v21i1217506)

- (1) Almutaz Abdala, Umm Al Quwain University, UAE.
  - (2) Maysaa Abd Ulkareem Naser, University of Basrah, Iraq.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/83707>