



([HTTPS://WWW.FACEBOOK.COM/IAEMEPUBLICATION](https://www.facebook.com/iaemepublication))



([HTTPS://TWITTER.COM/IAEMEEDITOR](https://twitter.com/iaemeeditor))



([HTTPS://WWW.LINKEDIN.COM/IN/IAEME-PUBLICATION-7BAA347B](https://www.linkedin.com/in/iaeme-publication-7bba347b))




([HTTPS://IAEMEPUBLICATION.WORDPRESS.COM/](https://iaemepublication.wordpress.com/))



([HTTPS://WWW.YOUTUBE.COM/CHANNEL/UC5LDNVEV6SWJDMTDH\\_AQQ](https://www.youtube.com/channel/UC5LDNVEV6SWJDMTDH_AQQ))

ESTD YEAR : 2009

Most Popular Research Articles (<https://iaeme.com/Home/dhet>)  Call For Paper May - 2023

([https://iaeme.com/uploads/IAEME\\_Publication\\_Call\\_for\\_Paper\\_May\\_2023.pdf](https://iaeme.com/uploads/IAEME_Publication_Call_for_Paper_May_2023.pdf))  Submit Online

([https://iaeme.com/Page/online\\_paper\\_submission](https://iaeme.com/Page/online_paper_submission))

Journal, Article, Subject, Keyword...

 Search



([https://iaeme.com/Page/open\\_access](https://iaeme.com/Page/open_access)) Scopus Indexed

Journals ([https://iaeme.com/Page/scopus\\_indexed](https://iaeme.com/Page/scopus_indexed))

26058 Articles From 160 Journals

Home ([Https://iaeme.Com/](https://iaeme.com/))

> INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)



IJARET

INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN  
ENGINEERING AND TECHNOLOGY (IJARET)

ISSN Print: 0976-6480

ISSN Online: 0976-6499

Website: <https://iaeme.com/Home/journal/IJARET>  
(<https://iaeme.com/Home/journal/IJARET>)



**Email:** [editor@iaeme.com](mailto:editor@iaeme.com) (mailto:editor@iaeme.com) , [iaemedu@gmail.com](mailto:iaemedu@gmail.com)  
(mailto:iaemedu@gmail.com)

**Articles Published: 3227**

**Journal ID: 1793-4637** (<https://iaeme.com/Home/journal/IJARET>).

Current Issue ([https://iaeme.com/Home/current\\_issue/IJARET](https://iaeme.com/Home/current_issue/IJARET))    Peer Review Policies  
([https://iaeme.com/Home/journal\\_editorial\\_policy/IJARET](https://iaeme.com/Home/journal_editorial_policy/IJARET))    Publication Ethics  
([https://iaeme.com/Home/publication\\_ethics/IJARET](https://iaeme.com/Home/publication_ethics/IJARET))    Submit Online  
([https://iaeme.com/Page/online\\_paper\\_submission](https://iaeme.com/Page/online_paper_submission))

**Articles**    **Archive** (<https://iaeme.com/Home/issue/IJARET?Volume=14&Issue=4>)

**Subject Area**

**Indexing**    **Aims & Scope**    **Editorial Board** ([https://iaeme.com/Home/editorial\\_board/IJARET](https://iaeme.com/Home/editorial_board/IJARET))

**For Authors**    **Publication Fees**

## Subject Area

The topics to be covered by this journal include but are not limited to the following fields:

- General Engineering
- Decision Sciences
- Earth and Planetary Sciences
- Business
- Management and Accounting
- Biochemistry
- Genetics and Molecular Biology
- Environmental Science
- Chemical Engineering
- Electrical
- Electronics and Computer Engineering
- Information Engineering and Technology
- Mechanical
- Industrial and Manufacturing Engineering
- Automation and Mechatronics Engineering
- Material and Chemical Engineering
- Civil and Architecture Engineering
- Biotechnology and Bio Engineering
- Environmental Engineering
- Petroleum and Mining Engineering
- Marine and Agriculture engineering
- Aerospace Engineering

## IJARET Journal Stats >>

<b>Publication years</b>	2010-2023
<b>Publication count</b>	3227
<b>Total Volumes</b>	14
<b>Total Issues</b>	99
<b>Downloads</b>	190321
<b>Views</b>	607306
<b>Downloads/article</b>	58.98

**Email:** [editor@iaeme.com](mailto:editor@iaeme.com) (mailto:editor@iaeme.com) , [iaemedu@gmail.com](mailto:iaemedu@gmail.com)  
(mailto:iaemedu@gmail.com)

**Articles Published: 3227**

Current Issue ([https://iaeme.com/Home/current\\_issue/IJARET](https://iaeme.com/Home/current_issue/IJARET)) Peer Review Policies  
([https://iaeme.com/Home/journal\\_editorial\\_policy/IJARET](https://iaeme.com/Home/journal_editorial_policy/IJARET)) Publication Ethics  
([https://iaeme.com/Home/publication\\_ethics/IJARET](https://iaeme.com/Home/publication_ethics/IJARET)) Submit Online  
([https://iaeme.com/Page/online\\_paper\\_submission](https://iaeme.com/Page/online_paper_submission))

[Articles](#) [Archive \(https://iaeme.com/Home/issue/IJARET?Volume=14&Issue=4\)](https://iaeme.com/Home/issue/IJARET?Volume=14&Issue=4) [Subject Area](#)

[Indexing](#)

[Aims & Scope](#)

[Editorial Board](#)

[For Authors](#)

[Publication Fees](#)

## Chief Editor

**Dr. S. Balasubramanian**

IAEME Publication, Chennai, India

## Editorial Board:

**Dr. Kadhim Naief Kadhim**

Professor, Department of Civil Engineering, College of Engineering, University of Babylon, IRAQ

**Dr. G. Arthanareeswaran**

Department of Chemical Engineering, National Institute of Technology, Trichy, India

**Dr. N. Kannan**

St. Mary's School of Management Studies, India

**Dr. V. Antony Joe Raja**

Sri Muthukumaran Institute of Technology, India

**Prof. B. Arthi Gandhimathi**

IAEME Publication, India

**Dr. N. Tamil Selvan**

RVS College of Engineering & Technology, Coimbatore, India

**Mr. R. P. Gopinath**

IAEME Publication, India

**Dr. Sridhar Iyer**

Professor, Department of Computer Science and Engineering Indian Institute of Technology Bombay, Mumbai, India

---

**Dr. Ajeet kumar rai**

SSET, SHIATS-DU, Allahabad, India

---

**Dr. Mohamed Kchaou**

University Of Sousse, Tunisia

---

**Dr. Chao Wang**

Nanyang Technological University, Singapore.

---

**Dr. Mohd Azman Bin Abdullah**

University Teknikal Malaysia Melaka, Malaysia.

---

**Dr. Fateh Mebarek-Oudina**

Skikda University, Algeria.

---

**Dr. Mohamed saber mohamed gad nemat alla**

National research centre (nrc) el dokki, Giza, Egypt

---

**Dr. Barish dantal**

Application Development Engineer, Momentive Performance Materials, US

---

**Dr. Moises diaz-cabrera**

University of Las Palmas de Gran Canaria, Spain

---

**Dr. Irvan dahlan**

University sains Malaysia.

---

**Dr. Najm alghazali**

Babylon university, Iraq.

---

**Dr. Mansour Jadid**

University of Dammam, Dammam, Saudi Arabia

---

**Dr. Mohammed Al Mohsin**

University of Buraimi, Oman

---

**Dr. Pei tang**

JCMS, Inc- Mercerville, USA

---

**Dr. Manish kewalramani**

College of Engineering, Abu Dhabi University, Abu Dhabi, UAE.

---

**Dr. Nazimabdulnariman**

Bauhaus University Weimar, Germany.

---

**Dr. Yongwei shan**

Oklahoma state university, USA.

---

**Dr. Saleh abd el-aleem mohammed**

Faculty of Science, Fayoum University, Fayoum, Egypt.

---

**Dr. S. Kishore reddy**

Adama Science & Technology University, Ethiopia.

---

**Dr. Aldona kuśmińska-fijałkowska**

Colorado Technical University, USA

---

**Dr. Bensafi abd-el-hamid**

Abou Bekr Belkaid University of Tlemcen, Algeria.

---

**Dr. K.V.I.N.Acharyulu**

Bapatla Engineering College, Bapatla, India

---

**Dr. Vishnu narayan mishra**

Sardar Vallabhbhai National Institute of Technology, India

---

**Dr. A.Elaya perumal**

Anna University, India

---

**Dr. Madhu**

Government Engg. College, KRPET, India

---

**Dr. G. Arthanareeswaran**

NIT Trichy, India

---

**Dr. T. R. Vijayaram**

VIT University, Chennai, India

---

**Dr. Sunil kumar**

National Institute of Technology, India

---

**Dr. Ratri parida**

IIT Kharagpur, India

---

**Dr. Waldemar Nowakowski**

Kazimierz Pulaski University of Technology and Humanities, Poland

---

**Dr. Parin Shah**

Institute of Technology, Nirma University, India

---

**Dr. Ashok Tripathi**

SHIATS, Allahabad, India

---

**Dr. H.T.Basavarajappa**

University of Mysore, India

---

**Dr. R. Dilli Babu**

Department of Industrial Engineering, Anna University, Chennai-India

---

**Dr. Nilaj N. Deshmukh**

Fr.C.Rodrigues Institute of Technology, India

---

**Dr. Wilson Udo Udofia**

University of Uyo, Nigeria

---

**Dr. Satish kumar Moparthy**

Kallam Haranadha Reddy Institute of Technology, Andhra Pradesh, India

---

**Dr. H. Erdem Çamurlu**

Akdeniz University, TÜRKİYE

---

**Dr. GIRISHA L**

PES Institute of Technology and Management, Karnataka, India

---

**Dr. M. Mubarak**

Karpagam College of Engineering, Tamilnadu, India

---

**Dr. Ahmed Daabo**

University of Mosul, Mosul, Iraq

---

**Dr. R. Sharmila**

Er.Perumal Manimekalai College of Engineering, Tamilnadu, India

---

**Dr. Mourad HEBALI**

University Mustafa Stmboli, Algeria

---

**Dr. Hao Yi**

Chongqing University, China

---

**Dr. Ahmed Kawther Hussein**

Mustansiriyah University, Baghdad, Iraq

---

**Dr. Bambang Leo Handoko**

Bina Nusantara University of Indonesia

---

**Dr. T.Phani Madhavi**

Professor, Department of Civil Engineering, Bapatla Engineering College, Andhra Pradesh, India

---

**Dr. Prateek Nigam**

Bansal College of Engineering, Madhya Pradesh, India

---

**Dr. D. Narasimhan**

SASTRA Deemed University, Tamilnadu, India

---

**Prof. Taher Anwar Tawfik**

Higher Institute for Engineering, 6 October City, Egypt

---

**Dr. Mohamed KCHAOU**

College of Engineering, University of Bisha, Saudi Arabia; National Engineering School of Sfax, University of Sfax, Tunisia

---

**Dr. A R Pradeep Kumar**

Dhanalakshmi College of Engineering, Tamilnadu, India

---

**Dr. C. Kamalanathan**

GITAM Deemed to be University, Andhra Pradesh, India

---

**Dr. Olha V. Prokopenko**

International Humanitarian University, Ukraine

---

**Dr. Iryna Bashynska**

Odessa National Polytechnic University

---

**Dr. Shahzad Ashraf**

Hohai University, Changzhou Campus, China

---

**Dr. Francesco Abbondati**

Parthenope University of Napoli, Italy

---

**Dr. Dhanasekaran S**

Annamalai University, Tamil Nadu, India

---

**Dr. Naga Swetha Pasupuleti**

Associate Professor, Head – International Research & Collaborations Cell, Galgotias University, Greater Noida, India.

---

**Prof. Ruqayah K Mohammed**

Faculty Member in Civil Engineering Department, Babylon University, Iraq.

---

**Dr. Mohamed Guendouz**

Lecturer, University of Medea, Algeria

---

**Dr. Mahdi Hosseini**

Research Scientist, Department of Civil Engineering, Jawaharlal Nehru Technological University Hyderabad, India.

---

**Dr. Hesham A. Numan**

Mustansiriyah University, Faculty of Engineering, Civil Engineering Department, Baghdad, Iraq.

---

**Dr. N. Pannirselvam**

Associate Professor, Department of Civil Engineering, SRM Institute of Science and Technology, Chennai, India.

---

**Dr. T. Kamatchi**

Associate Professor, Mechanical Department, Velammal College of Engineering and Technology, Tamilnadu, India.

---

**Dr. A.N. Jha**

Department of Electrical Engineering, Indian Institute of Technology, New Delhi, India.

---

**Prof. Isma-ae Chelong**

Assistant Professor, Faculty of Science Technology and Agriculture, Yala Rajabhat University, Thailand

---



**Prof. Ing. Giorgio Frunzio**

Department of Architecture and Disease Industrial, University of Campania Luigi Vanvitelli, Italy

---

**Dr. A. Mallikarjuna Reddy**

Assoc. Professor, CSE Department, Anurag Group of Institutions(Autonomous), Hyderabad, India

---

**Dr. Aaisha Makkar**

Research Associate, International Project on Cyber Security, Punjab, India

---

**Dr. Ravindran Mariappan**

Associate Professor, (SG), Electrical and Electronics Engineering Department, National Engineering College, Kovilpatti, Tamilnadu, India

---

**Prof. Uma Govindarajan**

Professor & Head of Electrical and Electronic Engineering Department, College of Engineering Guindy, Anna University, Tamil Nadu, India

---

**Dr. S.M.Chaware**

Professor, Computer Engineering, ISO, IQAC and NBA Coordinator, Marathwada Mitramandal's College of Engineering, Pune-India

---

**Dr. Irvan Dahlan**

Universiti Sains Malaysia, Malaysia

---

**Dr. Mansour Jadid**

University of Dammam, Dammam, Saudi Arabia

---

**Dr. Nazimabdulnariman**

Bauhaus Universitat Weimar, Germany

---

**Dr. Saleh Abd El-Aleem Mohammed**

Faculty of Science, Fayoum University, Fayoum, Egypt

---

**Dr. Venkata Ragahavendra Miriampally**

Adama Science & Technology University, Ethiopia

---

**Dr. Sukumar Senthilkumar**

Chon Buk National University, South Korea

---

**Dr. Sattar J Aboud**

Anglia Ruskin University, UK

---

**Dr. M. H. Raza**

Dalhousie University, Canada

---

**Dr. Mohammed.Faisal**

Nizwa College of Technology, OMAN

---

**Dr. Dheyaa J. Kadhim**

College of Engineering, University of Baghdad, Iraq

---

**Dr. Mohammed Ali Hussain**

Sri Sai Madhavi Institute of Science & Technology, India

---

**Dr. A.K.Sen**

Principal, St. Francis Institute of Technology, Mumbai University, India

---

**Ms. Niharikareddy Meenigea**

Data Analyst, Department of Business Administration, Virginia International University, Fairfax, VA, United States

Email : [Meenigeaniharika@gmail.com](mailto:Meenigeaniharika@gmail.com) (mailto:Meenigeaniharika@gmail.com)

---

**Dr. Suryakant B Patil**

JSPM's ICOER, Wagholi, Pune, India

---

**Dr. A.Udayakumar**

Hindustan University, India

---

**Dr. V.Baskaran**

Bannari Amman Institute of Technology, India

---

**Dr. Uday Kumar**

Mahatma Gandhi Institute of Technology, India

---

**Dr. A. G. Matani**

Govt. College of Engg, Amravati, India

---

**Dr. P.Muthupriya**

Sri Krishna College of Technology, Coimbatore, India

---

**Dr. Nkolika Joy Peter**

Covenant University, Nigeria

---

**Dr. J.B. Seventiline**

Professor and Assistant Principal of GITAM Institute of Technology under GITAM, Gandhi Nagar, Rushikonda, Visakhapatnam, Andhra Pradesh 530045.

---

**Dr. R.Neela**

Professor of Electrical Engineering, Annamalai University, Tamilnadu, India

---

**Dr. Manikandan Parasuraman**

Professor, Computer Science and Engineering Department, Malla Reddy Engineering College for Women, Maisammaguda, Secunderabad, Telangana, India.

---

**Prof. Ravi Kumar Yeda**

Scientist-G, SINT (E) Division, Defence Electronics Research Laboratory (DLRL), Naseeb Nagar, Chandrayangutta, Hyderabad, Telangana, India

---

**Prof. L. Premalatha**

Department of Electrical Engineering, VIT University, Chennai, India

---

**Dr. Tanuja K Sarode**

Professor and Head, Department of Computer Engineering, Thadomal Shahani Engineering College, Mumbai, India

---

**Dr. MaruthuPandi Perumal**

Assistant Professor, Department of Electrical and Electronics Engineering, Govt. College of Technology, Coimbatore, Tamilnadu, India

---

**Prof. Balakrishnan Pappan**

Associate Professor, Department of Electrical Engineering, Malla Reddy Engineering College for Women, Maisammaguda, Telangana, India

---

**Dr. Sivarani Thankamony Saradadevi**

Professor, Department of Electrical and Electronics Engineering, Arunachala College of Engineering for women, Anna University, Chennai, Tamilnadu, India

---

**Dr. Moturi Satyanarayana**

Professor, Department of ECE, MVGR College of Engineering (A), Vijayanagaram, Andhra Pradesh, India

---

**Dr. Gowri Manohar T**

Department of Electrical & Electronics Engineering, Sri Venkateswara University College of Engineering, Tirupati, Andhra Pradesh

---

**Mr. Shiwen Zhao**

Electrical Engineering, Nari Group Corporation Information & Communication Technology Co. Ltd,  
Pukou Qu, Nanjing, China

---

**Dr. Umapathi Reddy P**

Professor, Department of Electrical Engineering, Sree Vidyanikethan Engineering College, Tirupati,  
Andhra Pradesh, India

---

**Dr. Kiranmayi R**

Professor & Head of Department, Department of Electrical Engineering, JNTUA, Anantapur, Andhra  
Pradesh, India

---

**Dr. Bikshalu Kalagadda**

Assistant Professor, Department of ECE, Kakatiya University College of Engineering and Technology  
(KUCET), Kakatiya University, Warangal, Telangana, India

---

**Dr. S. Sophia**

Professor and Head, Department of Electronics and Communication Engineering, Sri Krishna College  
of Engineering and Technology, Coimbatore, Tamilnadu, India

---

**Dr. Raad N. Butris**

Department of Mathematics, College of Basic Education, University of Duhok, Iraq

---

**Dr. AshokKumar Ramaswamy**

Professor, Department of Electrical Engineering, Annamalai University, Tamil Nadu, India

---

**Prof. Adireddy Rajasekhar Reddy**

Professor, Department of Computer Science and Engineering, NBKR Institute of Science and  
Technology, Nellore, Andhra Pradesh, India

---

**Dr. Appini Narayana Rao**

Associate Professor, Department of Computer Science and Engineering, NBKR Institute of Science and  
Technology, Andhra Pradesh, India

---

**Dr. Annapurani Panaiyappan K**

Associate Professor, Department of Computer Science and Engineering, SRM Institute of Science and  
Technology, Kattankulathur, India

---

**Mr. Venkata Naga Satya Surendra Chimakurthi**

Solutions Architect, Cognizant Technology Solutions, USA

---

**Prof. Sandeep Chaware**

Professor, IT Department Rajarshi Shahu College of Engineering, Pune, India

---

**Dr. Vikram Mohanlal Agrawal**

Assistant Professor, Computer Engineering Department, B & B Institute of Technology (SFI), Gujarat, India

---

**Mr. Samrajyam Singu**

Software Developer, Vanguard, USA

Email : Samrajyam\_singu@vanguard.com  
(mailto:Samrajyam\_singu@vanguard.com)

---

**Mr. Ashok Kumar Reddy Nadikattu**

Researcher/Sr. Software Engineer, Arisoft Solutions, USA

Email : Reddyashok541@gmail.com (mailto:Reddyashok541@gmail.com)

---

**Dr. Belwin Edward Jeyaraj**

Associate Professor, School of Electrical Engineering, Vellore Institute of Technology (VIT), Vellore, Tamilnadu, India

---

**Dr. Inderjeet Kaur**

Ajay Kumar Garg Engineering College, Ghaziabad, India

---

**IJARET Journal Stats >>**

---

<b>Publication years</b>	2010-2023
<b>Publication count</b>	3227
<b>Total Volumes</b>	14
<b>Total Issues</b>	99
<b>Downloads</b>	190321
<b>Views</b>	607306
<b>Downloads/article</b>	58.98

- Open Special Issue ([https://iaeme.com/Home/special\\_issue/IJARET](https://iaeme.com/Home/special_issue/IJARET))

Journal Statistics ([https://iaeme.com/Home/journal\\_statistics/IJARET](https://iaeme.com/Home/journal_statistics/IJARET))

**Citation Analysis >>**

---

**Email:** [editor@iaeme.com](mailto:editor@iaeme.com) (mailto:editor@iaeme.com) , [iaemedu@gmail.com](mailto:iaemedu@gmail.com)  
(mailto:iaemedu@gmail.com)

**Articles Published: 3227**

Current Issue ([https://iaeme.com/Home/current\\_issue/IJARET](https://iaeme.com/Home/current_issue/IJARET)) Peer Review Policies  
([https://iaeme.com/Home/journal\\_editorial\\_policy/IJARET](https://iaeme.com/Home/journal_editorial_policy/IJARET)) Publication Ethics  
([https://iaeme.com/Home/publication\\_ethics/IJARET](https://iaeme.com/Home/publication_ethics/IJARET)) Submit Online  
([https://iaeme.com/Page/online\\_paper\\_submission](https://iaeme.com/Page/online_paper_submission))

[Articles](#)

[Archive \(https://iaeme.com/Home/issue/IJARET?Volume=14&Issue=4\)](https://iaeme.com/Home/issue/IJARET?Volume=14&Issue=4)

[Subject Area](#)

[Indexing](#)

[Aims & Scope](#)

[Editorial Board](#)

[For Authors](#)

[Publication Fees](#)

## Aim and Scope

- **International Journal of Advanced Research in Engineering and Technology (IJARET)** is a peer-reviewed, open access, interdisciplinary and fully refereed journal that publishes original research articles and review articles in all areas of Engineering and Technology. Papers should focus on technical applications and developing research at the cutting edge of the all Engineering and Technology related discipline.
- The aim of the journal is to provide academicians, researchers and professionals a platform to share cutting-edge development in the field of Engineering and Technology.
- **International Journal of Advanced Research in Engineering and Technology (IJARET)** is a journal promoting the discovery, innovation, advancement and dissemination of basic and transitional knowledge in engineering, technology and related disciplines.

## IJARET Journal Stats >>

<b>Publication years</b>	2010-2023
<b>Publication count</b>	3227
<b>Total Volumes</b>	14
<b>Total Issues</b>	99
<b>Downloads</b>	190321
<b>Views</b>	607306
<b>Downloads/article</b>	58.98

- Open Special Issue ([https://iaeme.com/Home/special\\_issue/IJARET](https://iaeme.com/Home/special_issue/IJARET))

**Email:** [editor@iaeme.com](mailto:editor@iaeme.com) (mailto:editor@iaeme.com) , [iaemedu@gmail.com](mailto:iaemedu@gmail.com)  
(mailto:iaemedu@gmail.com)

**Articles Published: 3227**

Current Issue ([https://iaeme.com/Home/current\\_issue/IJARET](https://iaeme.com/Home/current_issue/IJARET)) Peer Review Policies  
([https://iaeme.com/Home/journal\\_editorial\\_policy/IJARET](https://iaeme.com/Home/journal_editorial_policy/IJARET)) Publication Ethics  
([https://iaeme.com/Home/publication\\_ethics/IJARET](https://iaeme.com/Home/publication_ethics/IJARET)) Submit Online  
([https://iaeme.com/Page/online\\_paper\\_submission](https://iaeme.com/Page/online_paper_submission))

**Articles**

**Archive** (<https://iaeme.com/Home/issue/IJARET?Volume=14&Issue=4>)

**Subject Area**

**Indexing**

**Aims & Scope**

**Editorial Board** ([https://iaeme.com/Home/editorial\\_board/IJARET](https://iaeme.com/Home/editorial_board/IJARET))

**For Authors**

**Publication Fees**

**2023** (<https://iaeme.com/Home/issue/IJARET?Volume=14&Issue=4>)

**2022** (<https://iaeme.com/Home/issue/IJARET?Volume=13&Issue=12>)

**2021** (<https://iaeme.com/Home/issue/IJARET?Volume=12&Issue=12>)

**2020** (<https://iaeme.com/Home/issue/IJARET?Volume=11&Issue=12>)

**2019** (<https://iaeme.com/Home/issue/IJARET?Volume=10&Issue=6>)

**2018** (<https://iaeme.com/Home/issue/IJARET?Volume=9&Issue=6>)

**2017** (<https://iaeme.com/Home/issue/IJARET?Volume=8&Issue=6>)

**2016** (<https://iaeme.com/Home/issue/IJARET?Volume=7&Issue=6>)

**2015** (<https://iaeme.com/Home/issue/IJARET?Volume=6&Issue=12>)

**2014** (<https://iaeme.com/Home/issue/IJARET?Volume=5&Issue=12>)

**2013** (<https://iaeme.com/Home/issue/IJARET?Volume=4&Issue=7>)

**2012** (<https://iaeme.com/Home/issue/IJARET?Volume=3&Issue=2>)

**2011** (<https://iaeme.com/Home/issue/IJARET?Volume=2&Issue=1>)

**2010** (<https://iaeme.com/Home/issue/IJARET?Volume=1&Issue=1>)

**2019 »**

**6** (<https://iaeme.com/Home/issue/IJARET?Volume=10&Issue=6>)

**5** (<https://iaeme.com/Home/issue/IJARET?Volume=10&Issue=5>)

**4** (<https://iaeme.com/Home/issue/IJARET?Volume=10&Issue=4>)

**3** (<https://iaeme.com/Home/issue/IJARET?Volume=10&Issue=3>)

**2** (<https://iaeme.com/Home/issue/IJARET?Volume=10&Issue=2>)

**1** (<https://iaeme.com/Home/issue/IJARET?Volume=10&Issue=1>)

**Volume 10, Issue 2, March-April 2019 , Articles Published : 88**

**Cover Page, Table of Contents and Others: PDF**  
([https://iaeme.com/uploads/CONTENTS2021\\_05\\_03\\_14\\_49\\_27.pdf](https://iaeme.com/uploads/CONTENTS2021_05_03_14_49_27.pdf))

**1 . TUNING THE OPTICAL AND MECHANICAL PROPERTIES OF Y<sub>2</sub>O<sub>3</sub> CERAMICS BY THE INCLUSION OF La<sup>3+</sup> ION IN THE MATRIX FOR INFRARED TRANSPARENT WINDOW APPLICATIONS**

([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_001](https://iaeme.com/Home/article_id/IJARET_10_02_001))

Mathew C.T ([https://iaeme.com/Home/author\\_details/8020](https://iaeme.com/Home/author_details/8020))

Article Id : IJARET\_10\_02\_001 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_001](https://iaeme.com/Home/article_id/IJARET_10_02_001)), Pages : 1-13

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>) Volume 10, Issue 2, March-April 2019

Published On : March 09,2019

DOI: <https://www.doi.org/10.34218/IJARET.10.2.2019.001>

(<https://www.doi.org/10.34218/IJARET.10.2.2019.001>) 115 Downloads 220 Views Citation

---

**2 . STRUCTURAL COST COMPARISON OF LOW RISE BUILDING HAVING MOMENT RESISTING FRAMES AND MOMENT RESISTING FRAMES WITH SHEAR WALL FOR DIFFERENT SCIESMIC ZONES: CASE STUDY** ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_002](https://iaeme.com/Home/article_id/IJARET_10_02_002))

Mukesh Gordhandas Bagani ([https://iaeme.com/Home/author\\_details/8021](https://iaeme.com/Home/author_details/8021))

Article Id : IJARET\_10\_02\_002 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_002](https://iaeme.com/Home/article_id/IJARET_10_02_002)), Pages : 14-21

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>) Volume 10, Issue 2, March-April 2019

Published On : March 12,2019

DOI: <https://www.doi.org/10.34218/IJARET.10.2.2019.002>

(<https://www.doi.org/10.34218/IJARET.10.2.2019.002>) 63 Downloads 173 Views Citation

---

**3 . NUMERICAL ANALYSIS OF ELEVATED FRAMED STAGING SHALLOW TANK BY NEWMARK'S STEP-BY-STEP METHOD** ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_003](https://iaeme.com/Home/article_id/IJARET_10_02_003))

Pravin B.Waghmare ([https://iaeme.com/Home/author\\_details/8035](https://iaeme.com/Home/author_details/8035))

Article Id : IJARET\_10\_02\_003 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_003](https://iaeme.com/Home/article_id/IJARET_10_02_003)), Pages : 22-33

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>) Volume 10, Issue 2, March-April 2019

Published On : March 16,2019

DOI: <https://www.doi.org/10.34218/IJARET.10.2.2019.003>

(<https://www.doi.org/10.34218/IJARET.10.2.2019.003>) 34 Downloads 136 Views Citation

---

**4 . BIOMETRIC BASED ATTENDANCE REGISTRATION AND CONSOLIDATION SYSTEM USING RASPBERRY PI3 AND AMAZON WEB SERVER** ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_004](https://iaeme.com/Home/article_id/IJARET_10_02_004))

Dhiraj Sunehra ([https://iaeme.com/Home/author\\_details/58376](https://iaeme.com/Home/author_details/58376))

Article Id : IJARET\_10\_02\_004 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_004](https://iaeme.com/Home/article_id/IJARET_10_02_004)), Pages : 34-43



*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume 10, Issue 2, March-April 2019

Published On : March 19,2019

DOI: <https://www.doi.org/10.34218/IJARET.10.2.2019.004>

(<https://www.doi.org/10.34218/IJARET.10.2.2019.004>) 33 Downloads 105 Views Citation

---

**5 . RASPBERRY PI BASED POLLUTION AND CLIMATE MONITORING SYSTEM USING INTERNET OF THINGS ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_005](https://iaeme.com/Home/article_id/IJARET_10_02_005))**

Dhiraj Sunehra ([https://iaeme.com/Home/author\\_details/58376](https://iaeme.com/Home/author_details/58376))

Article Id : IJARET\_10\_02\_005 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_005](https://iaeme.com/Home/article_id/IJARET_10_02_005)), Pages : 44-54

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume 10, Issue 2, March-April 2019

Published On : March 23,2019

DOI: <https://www.doi.org/10.34218/IJARET.10.2.2019.005>

(<https://www.doi.org/10.34218/IJARET.10.2.2019.005>) 47 Downloads 117 Views Citation

---

**6 . WEB BASED SMART IRRIGATION SYSTEM USING RASPBERRY PI ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_006](https://iaeme.com/Home/article_id/IJARET_10_02_006))**

Dhiraj Sunehra ([https://iaeme.com/Home/author\\_details/58377](https://iaeme.com/Home/author_details/58377))

Article Id : IJARET\_10\_02\_006 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_006](https://iaeme.com/Home/article_id/IJARET_10_02_006)), Pages : 55-64

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume 10, Issue 2, March-April 2019

Published On : March 23,2019

DOI: <https://www.doi.org/10.34218/IJARET.10.2.2019.006>

(<https://www.doi.org/10.34218/IJARET.10.2.2019.006>) 37 Downloads 94 Views Citation

---

**7 . DESIGNING THE IOT BASESTATION FOR GREENHOUSE MONITORING ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_007](https://iaeme.com/Home/article_id/IJARET_10_02_007))**

Syeda Gauhar Fatima ([https://iaeme.com/Home/author\\_details/8058](https://iaeme.com/Home/author_details/8058)) ; Syeda Kausar Fatima ([https://iaeme.com/Home/author\\_details/8059](https://iaeme.com/Home/author_details/8059)) ; Mohd. Mehrajuddin ([https://iaeme.com/Home/author\\_details/8060](https://iaeme.com/Home/author_details/8060))

Article Id : IJARET\_10\_02\_007 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_007](https://iaeme.com/Home/article_id/IJARET_10_02_007)), Pages : 65-72

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume 10, Issue 2, March-April 2019

Published On : March 26,2019

DOI: <https://www.doi.org/10.34218/IJARET.10.2.2019.007>

(<https://www.doi.org/10.34218/IJARET.10.2.2019.007>) 38 Downloads 125 Views Citation

---

**8 . A SURVEY ON IOT TECHNOLOGY ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_008](https://iaeme.com/Home/article_id/IJARET_10_02_008))**

Syeda Gauhar Fatima ([https://iaeme.com/Home/author\\_details/8058](https://iaeme.com/Home/author_details/8058)) ; Syeda Kausar Fatima ([https://iaeme.com/Home/author\\_details/8059](https://iaeme.com/Home/author_details/8059)) ; K.Anitha Sheela ([https://iaeme.com/Home/author\\_details/8068](https://iaeme.com/Home/author_details/8068))

Article Id : IJARET\_10\_02\_008 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_008](https://iaeme.com/Home/article_id/IJARET_10_02_008)), Pages : 73-77

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume 10, Issue 2, March-April 2019

Published On : March 26,2019

DOI: <https://www.doi.org/10.34218/IJARET.10.2.2019.008>

(<https://www.doi.org/10.34218/IJARET.10.2.2019.008>) 40 Downloads 161 Views Citation

---

#### **9 . HOME AUTOMATION SYSTEM WITH WSN AND IOT**

([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_009](https://iaeme.com/Home/article_id/IJARET_10_02_009))

Syeda Gauhar Fatima ([https://iaeme.com/Home/author\\_details/8081](https://iaeme.com/Home/author_details/8081)) ; Syeda Kausar Fatima ([https://iaeme.com/Home/author\\_details/8082](https://iaeme.com/Home/author_details/8082)) ; Syed Mohd Ali ([https://iaeme.com/Home/author\\_details/8083](https://iaeme.com/Home/author_details/8083)) ; Naseer Ahmed Khan ([https://iaeme.com/Home/author\\_details/8084](https://iaeme.com/Home/author_details/8084)) ; Syed Adil ([https://iaeme.com/Home/author\\_details/8085](https://iaeme.com/Home/author_details/8085))

Article Id : IJARET\_10\_02\_009 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_009](https://iaeme.com/Home/article_id/IJARET_10_02_009)), Pages : 78-85

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume 10, Issue 2, March-April 2019

Published On : March 26,2019

DOI: <https://www.doi.org/10.34218/IJARET.10.2.2019.009>

(<https://www.doi.org/10.34218/IJARET.10.2.2019.009>) 28 Downloads 84 Views Citation

---

#### **10 . ENHANCEMENT OF ELECTRICAL ENERGY EFFICIENCY BY "INTERNET OF THINGS"**

([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_010](https://iaeme.com/Home/article_id/IJARET_10_02_010))

Syeda Gauhar Fatima ([https://iaeme.com/Home/author\\_details/8097](https://iaeme.com/Home/author_details/8097)) ; Syeda Kausar Fatima ([https://iaeme.com/Home/author\\_details/8098](https://iaeme.com/Home/author_details/8098)) ; k. Anitha sheela ([https://iaeme.com/Home/author\\_details/8099](https://iaeme.com/Home/author_details/8099)) ; Naseer Ahmed Khan ([https://iaeme.com/Home/author\\_details/8100](https://iaeme.com/Home/author_details/8100)) ; Syed Adil ([https://iaeme.com/Home/author\\_details/8101](https://iaeme.com/Home/author_details/8101))

Article Id : IJARET\_10\_02\_010 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_010](https://iaeme.com/Home/article_id/IJARET_10_02_010)), Pages : 86-91

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume 10, Issue 2, March-April 2019

Published On : March 26,2019

DOI: <https://www.doi.org/10.34218/IJARET.10.2.2019.010>

(<https://www.doi.org/10.34218/IJARET.10.2.2019.010>) 30 Downloads 106 Views Citation

---

#### **11 . HOME AUTOMATION USING ZIGBEE TECHNOLOGY AND IOT**

([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_011](https://iaeme.com/Home/article_id/IJARET_10_02_011))

Syeda Gauhar Fatima ([https://iaeme.com/Home/author\\_details/8058](https://iaeme.com/Home/author_details/8058)) ; Syeda Kausar Fatima ([https://iaeme.com/Home/author\\_details/8112](https://iaeme.com/Home/author_details/8112)) ; Syed Abdul Sattar ([https://iaeme.com/Home/author\\_details/8113](https://iaeme.com/Home/author_details/8113)) ; Syed Adil ([https://iaeme.com/Home/author\\_details/8114](https://iaeme.com/Home/author_details/8114)) ; Khaja Fouzan Ahmed ([https://iaeme.com/Home/author\\_details/8115](https://iaeme.com/Home/author_details/8115))

Article Id : IJARET\_10\_02\_011 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_011](https://iaeme.com/Home/article_id/IJARET_10_02_011)), Pages : 92-96

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume 10, Issue 2, March-April 2019

Published On : March 26,2019

DOI: <https://www.doi.org/10.34218/IJARET.10.2.2019.011>

(<https://www.doi.org/10.34218/IJARET.10.2.2019.011>) 28 Downloads 90 Views Citation

---

## **12 . ENERGY EFFICIENT ROUTING IN WIRELESS SENSOR NETWORKS BASED ON QOS** ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_012](https://iaeme.com/Home/article_id/IJARET_10_02_012))

Syed Mohd Ali ([https://iaeme.com/Home/author\\_details/8150](https://iaeme.com/Home/author_details/8150)) ; Syeda Gauhar Fatima ([https://iaeme.com/Home/author\\_details/8058](https://iaeme.com/Home/author_details/8058)) ; Syeda Kausar Fatima ([https://iaeme.com/Home/author\\_details/8112](https://iaeme.com/Home/author_details/8112)) ; Syed Abdul Sattar ([https://iaeme.com/Home/author\\_details/8113](https://iaeme.com/Home/author_details/8113))

Article Id : IJARET\_10\_02\_012 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_012](https://iaeme.com/Home/article_id/IJARET_10_02_012)), Pages : 97-104

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume 10, Issue 2, March-April 2019

Published On : March 26,2019

DOI: <https://www.doi.org/10.34218/IJARET.10.2.2019.012>

(<https://www.doi.org/10.34218/IJARET.10.2.2019.012>) 27 Downloads 105 Views Citation

---

## **13 . ENERGY EFFICIENT DIRECTION BASED ROUTING PROTOCOL FOR WSN** ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_013](https://iaeme.com/Home/article_id/IJARET_10_02_013))

Syed Mohd Ali ([https://iaeme.com/Home/author\\_details/8150](https://iaeme.com/Home/author_details/8150)) ; Syeda Gauhar Fatima ([https://iaeme.com/Home/author\\_details/8058](https://iaeme.com/Home/author_details/8058)) ; Syeda Kausar Fatima ([https://iaeme.com/Home/author\\_details/8112](https://iaeme.com/Home/author_details/8112)) ; Syed Abdul Sattar ([https://iaeme.com/Home/author\\_details/8113](https://iaeme.com/Home/author_details/8113))

Article Id : IJARET\_10\_02\_013 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_013](https://iaeme.com/Home/article_id/IJARET_10_02_013)), Pages : 105-123

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume 10, Issue 2, March-April 2019

Published On : March 26,2019

DOI: <https://www.doi.org/10.34218/IJARET.10.2.2019.013>

(<https://www.doi.org/10.34218/IJARET.10.2.2019.013>) 25 Downloads 98 Views Citation

---

## **14 . LOAD BALANCING AND ENERGY EFFICIENCY IN WSN BY CLUSTER JOINING METHOD** ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_014](https://iaeme.com/Home/article_id/IJARET_10_02_014))

Syeda Gauhar Fatima ([https://iaeme.com/Home/author\\_details/8058](https://iaeme.com/Home/author_details/8058)) ; Syeda Kausar Fatima ([https://iaeme.com/Home/author\\_details/8059](https://iaeme.com/Home/author_details/8059)) ; K.Anitha Sheela ([https://iaeme.com/Home/author\\_details/8068](https://iaeme.com/Home/author_details/8068)) ; Syed Shaker Hussaini ([https://iaeme.com/Home/author\\_details/8163](https://iaeme.com/Home/author_details/8163))

Article Id : IJARET\_10\_02\_014 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_014](https://iaeme.com/Home/article_id/IJARET_10_02_014)), Pages : 124-134

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume 10, Issue 2, March-April 2019

Published On : March 26,2019

DOI: <https://www.doi.org/10.34218/IJARET.10.2.2019.014>

(<https://www.doi.org/10.34218/IJARET.10.2.2019.014>) 26 Downloads 92 Views Citation

---

### **15 . SECURITY CONCERNS IN WIRELESS SENSOR NETWORKS**

([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_015](https://iaeme.com/Home/article_id/IJARET_10_02_015))

Syeda Gauhar Fatimav ([https://iaeme.com/Home/author\\_details/58393](https://iaeme.com/Home/author_details/58393)) ; Syeda Kausar Fatima ([https://iaeme.com/Home/author\\_details/58394](https://iaeme.com/Home/author_details/58394)) ; Mohd. Mehrajuddin ([https://iaeme.com/Home/author\\_details/8178](https://iaeme.com/Home/author_details/8178)) ; Saquib Mohiuddin ([https://iaeme.com/Home/author\\_details/8179](https://iaeme.com/Home/author_details/8179))

Article Id : IJARET\_10\_02\_015 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_015](https://iaeme.com/Home/article_id/IJARET_10_02_015)), Pages : 135-142

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume 10, Issue 2, March-April 2019

Published On : January 25,2021

DOI: <https://www.doi.org/10.34218/IJARET.10.2.2019.015>

(<https://www.doi.org/10.34218/IJARET.10.2.2019.015>) 36 Downloads 100 Views Citation

---

### **16 . A STUDY ON INTRUSION DETECTION ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_016](https://iaeme.com/Home/article_id/IJARET_10_02_016))**

Syeda Gauhar Fatima ([https://iaeme.com/Home/author\\_details/8058](https://iaeme.com/Home/author_details/8058)) ; Syeda Kausar Fatima ([https://iaeme.com/Home/author\\_details/8112](https://iaeme.com/Home/author_details/8112)) ; Syed Abdul Sattar ([https://iaeme.com/Home/author\\_details/8184](https://iaeme.com/Home/author_details/8184)) ; Syed Adil ([https://iaeme.com/Home/author\\_details/8114](https://iaeme.com/Home/author_details/8114))

Article Id : IJARET\_10\_02\_016 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_016](https://iaeme.com/Home/article_id/IJARET_10_02_016)), Pages : 143-154

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume 10, Issue 2, March-April 2019

Published On : March 26,2019

DOI: <https://www.doi.org/10.34218/IJARET.10.2.2019.016>

(<https://www.doi.org/10.34218/IJARET.10.2.2019.016>) 25 Downloads 91 Views Citation

---

### **17 . A SECURITY PROTOCOL FOR WIRELESS SENSOR NETWORKS**

([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_017](https://iaeme.com/Home/article_id/IJARET_10_02_017))

Syeda Gauhar Fatima ([https://iaeme.com/Home/author\\_details/8058](https://iaeme.com/Home/author_details/8058)) ; Syeda Kausar Fatima ([https://iaeme.com/Home/author\\_details/8059](https://iaeme.com/Home/author_details/8059)) ; Syed Mohd.Ali ([https://iaeme.com/Home/author\\_details/8199](https://iaeme.com/Home/author_details/8199))

Mamedova N.A ([https://iaeme.com/Home/author\\_details/56334](https://iaeme.com/Home/author_details/56334)) ; Aleksandrova K.S ([https://iaeme.com/Home/author\\_details/56335](https://iaeme.com/Home/author_details/56335)) ; Larionov A.S. ([https://iaeme.com/Home/author\\_details/56336](https://iaeme.com/Home/author_details/56336))

Article Id : IJARET\_10\_02\_058 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_058](https://iaeme.com/Home/article_id/IJARET_10_02_058)), Pages : 612-623

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume.10, Issue.2, March-April 2019

Published On : March 05,2019

DOI: <https://www.doi.org/10.34218/IJARET.10.2.2019.058>

(<https://www.doi.org/10.34218/IJARET.10.2.2019.058>) 15 Downloads 68 Views Citation

---

#### **59 . AUCTIONEERING IN THE PRACTICE OF ESTATE SURVEYORS AND VALUERS**

([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_059](https://iaeme.com/Home/article_id/IJARET_10_02_059))

C. O. Iroham ([https://iaeme.com/Home/author\\_details/89780](https://iaeme.com/Home/author_details/89780)) ; H. I. Okagbue ([https://iaeme.com/Home/author\\_details/89781](https://iaeme.com/Home/author_details/89781)) ; M. E. Emetere ([https://iaeme.com/Home/author\\_details/89782](https://iaeme.com/Home/author_details/89782)) ; T. O. Okonye ([https://iaeme.com/Home/author\\_details/89783](https://iaeme.com/Home/author_details/89783)) ; O. O. Temitope ([https://iaeme.com/Home/author\\_details/56361](https://iaeme.com/Home/author_details/56361)) ; N. J. Peter ([https://iaeme.com/Home/author\\_details/89784](https://iaeme.com/Home/author_details/89784)) ; O. D. Durodol ([https://iaeme.com/Home/author\\_details/89785](https://iaeme.com/Home/author_details/89785))

Article Id : IJARET\_10\_02\_059 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_059](https://iaeme.com/Home/article_id/IJARET_10_02_059)), Pages : 624-635

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume.10, Issue.2, March-April 2019

Published On : March 08,2019

DOI: <https://www.doi.org/10.34218/IJARET.10.2.2019.059>

(<https://www.doi.org/10.34218/IJARET.10.2.2019.059>) 19 Downloads 73 Views Citation

---

#### **60 . A STUDY OF THE CONCEPT OF PARAMETRIC MODELING OF CONSTRUCTION OBJECTS**

([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_060](https://iaeme.com/Home/article_id/IJARET_10_02_060))

Kateryna I. Kyivska ([https://iaeme.com/Home/author\\_details/5964](https://iaeme.com/Home/author_details/5964)) ; Svitlana V. Tsiutsiura ([https://iaeme.com/Home/author\\_details/5963](https://iaeme.com/Home/author_details/5963)) ; Mikola I. Tsiutsiura ([https://iaeme.com/Home/author\\_details/5965](https://iaeme.com/Home/author_details/5965)) ; Olena V. Kryvoruchko ([https://iaeme.com/Home/author\\_details/5966](https://iaeme.com/Home/author_details/5966)) ; Andrii V. Yerukaiev ([https://iaeme.com/Home/author\\_details/56378](https://iaeme.com/Home/author_details/56378)) ; Vladyslav V. Hots ([https://iaeme.com/Home/author\\_details/56379](https://iaeme.com/Home/author_details/56379))

Article Id : IJARET\_10\_02\_060 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_060](https://iaeme.com/Home/article_id/IJARET_10_02_060)), Pages : 636-646

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume.10, Issue.2, March-April 2019

Published On : March 11,2019

DOI: <https://www.doi.org/10.34218/IJARET.10.2.2019.060>

(<https://www.doi.org/10.34218/IJARET.10.2.2019.060>) 15 Downloads 55 Views Citation

---

**61 . COMPARISON OF PROPELLER TYPE B-SERIES AND AU-OUTLINE GAWN SERIES FOR IMPROVING ON SUBMARINE PROPULSION PERFORMANCE USING CFD**

([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_061](https://iaeme.com/Home/article_id/IJARET_10_02_061))

Deddy Chrismianto ([https://iaeme.com/Home/author\\_details/56394](https://iaeme.com/Home/author_details/56394)) ; Ahmad Fauzan Zakki ([https://iaeme.com/Home/author\\_details/56395](https://iaeme.com/Home/author_details/56395)) ; Berlian Arswendo ([https://iaeme.com/Home/author\\_details/56396](https://iaeme.com/Home/author_details/56396)) ; Insanu Abdilla Cendikia Abar ([https://iaeme.com/Home/author\\_details/56397](https://iaeme.com/Home/author_details/56397))

Article Id : IJARET\_10\_02\_061 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_061](https://iaeme.com/Home/article_id/IJARET_10_02_061)), Pages : 647-651

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume.10, Issue.2, March-April 2019

Published On : March 12,2019

DOI: <https://www.doi.org/10.34218/IJARET.10.2.2019.061>

(<https://www.doi.org/10.34218/IJARET.10.2.2019.061>) 20 Downloads 68 Views Citation

---

**62 . OVERVIEW ON L9 TAGUCHI OPTIMIZATIONAL METHOD**

([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_062](https://iaeme.com/Home/article_id/IJARET_10_02_062))

Sabarish K.V ([https://iaeme.com/Home/author\\_details/56408](https://iaeme.com/Home/author_details/56408)) ; J.Baskar ([https://iaeme.com/Home/author\\_details/56409](https://iaeme.com/Home/author_details/56409)) ; Pratheeba Paul ([https://iaeme.com/Home/author\\_details/22095](https://iaeme.com/Home/author_details/22095))

Article Id : IJARET\_10\_02\_062 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_062](https://iaeme.com/Home/article_id/IJARET_10_02_062)), Pages : 652-658

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume.10, Issue.2, March-April 2019

Published On : March 14,2019

DOI: <https://www.doi.org/10.34218/IJARET.10.2.2019.062>

(<https://www.doi.org/10.34218/IJARET.10.2.2019.062>) 18 Downloads 83 Views Citation

---

**63 . OPTIMAL PLACEMENT OF PIEZOELECTRIC ELEMENT ON A PLATE INTERACTING WITH A FLUID LAYER** ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_063](https://iaeme.com/Home/article_id/IJARET_10_02_063))

Dmitrii A. Oshmarin ([https://iaeme.com/Home/author\\_details/56425](https://iaeme.com/Home/author_details/56425)) ; Sergey V. Lekomtsev ([https://iaeme.com/Home/author\\_details/56426](https://iaeme.com/Home/author_details/56426)) ; Natalya V. Sevodina ([https://iaeme.com/Home/author\\_details/56427](https://iaeme.com/Home/author_details/56427))

Article Id : IJARET\_10\_02\_063 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_063](https://iaeme.com/Home/article_id/IJARET_10_02_063)), Pages : 659-668

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume.10, Issue.2, March-April 2019

Published On : March 14,2019

DOI: <https://www.doi.org/10.34218/IJARET.10.2.2019.063>

(<https://www.doi.org/10.34218/IJARET.10.2.2019.063>) 19 Downloads 38 Views Citation

---

**64 . MEASUREMENT UNCERTAINTY ON THE CORRECTION MATRIX OF THE COORDINATE MEASURING MACHINE** ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_064](https://iaeme.com/Home/article_id/IJARET_10_02_064))

Kaoutar.Bahassou ([https://iaeme.com/Home/author\\_details/81514](https://iaeme.com/Home/author_details/81514)) ; Salih, M. Oubrek ([https://iaeme.com/Home/author\\_details/81515](https://iaeme.com/Home/author_details/81515)) ; A. Jalid ([https://iaeme.com/Home/author\\_details/81516](https://iaeme.com/Home/author_details/81516))

Article Id : IJARET\_10\_02\_064 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_064](https://iaeme.com/Home/article_id/IJARET_10_02_064)), Pages : 669-676

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume.10, Issue.2, March-April 2019

Published On : March 15,2019

DOI: <https://www.doi.org/10.34218/IJARET.10.2.2019.064>

(<https://www.doi.org/10.34218/IJARET.10.2.2019.064>) 24 Downloads 66 Views Citation

---

**65 . DESIGN AND SIMULATION OF IIR FILTER USING VEDIC MATHEMATICS AS AN APPLICATION OF VLSI TECHNOLOGY ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_065](https://iaeme.com/Home/article_id/IJARET_10_02_065))**

Vasudha Vishwasrao Patil ([https://iaeme.com/Home/author\\_details/84049](https://iaeme.com/Home/author_details/84049)) ; Prabodh Khampariya ([https://iaeme.com/Home/author\\_details/84136](https://iaeme.com/Home/author_details/84136)) ; Anil J.Patil ([https://iaeme.com/Home/author\\_details/84053](https://iaeme.com/Home/author_details/84053))

Article Id : IJARET\_10\_02\_065 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_065](https://iaeme.com/Home/article_id/IJARET_10_02_065)), Pages : 677-696

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume.10, Issue.2, March-April 2019

Published On : March 18,2019

DOI: <https://www.doi.org/10.34218/IJARET.10.2.2019.065>

(<https://www.doi.org/10.34218/IJARET.10.2.2019.065>) 15 Downloads 43 Views 0 Citation

---

**66 . CONTACT CONDUCTANCE BETWEEN CIRCULAR PIPE AND CONCRETE: AN EXPERIMENTAL INVESTIGATION ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_066](https://iaeme.com/Home/article_id/IJARET_10_02_066))**

M. Venkatachalam ([https://iaeme.com/Home/author\\_details/86698](https://iaeme.com/Home/author_details/86698)) ; M. Sivaprakasam ([https://iaeme.com/Home/author\\_details/86699](https://iaeme.com/Home/author_details/86699)) ; J. Ashok ([https://iaeme.com/Home/author\\_details/86700](https://iaeme.com/Home/author_details/86700)) ; M. Jeganathan ([https://iaeme.com/Home/author\\_details/85723](https://iaeme.com/Home/author_details/85723))

Article Id : IJARET\_10\_02\_066 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_066](https://iaeme.com/Home/article_id/IJARET_10_02_066)), Pages : 697-706

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume.10, Issue.2, March-April 2019

Published On : March 19,2019

DOI: <https://www.doi.org/10.34218/IJARET.10.2.2019.066>

(<https://www.doi.org/10.34218/IJARET.10.2.2019.066>) 8 Downloads 36 Views 0 Citation

---

**67 . EXPERIMENTAL ANALYSIS TO REDUCE CI ENGINE EMISSION FUELLED WITH METHYL ESTER OF SUNFLOWER OIL USING ANTIOXIDANT ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_067](https://iaeme.com/Home/article_id/IJARET_10_02_067))**

K. George Job ([https://iaeme.com/Home/author\\_details/86704](https://iaeme.com/Home/author_details/86704)) ; K. Dixon Dayas ([https://iaeme.com/Home/author\\_details/86705](https://iaeme.com/Home/author_details/86705)) ; J. Ashok ([https://iaeme.com/Home/author\\_details/86700](https://iaeme.com/Home/author_details/86700)) ; M. Jeganathan ([https://iaeme.com/Home/author\\_details/85723](https://iaeme.com/Home/author_details/85723))

Article Id : IJARET\_10\_02\_067 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_067](https://iaeme.com/Home/article_id/IJARET_10_02_067)), Pages : 707-717

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume.10, Issue.2, March-April 2019

Published On : March 20,2019

DOI: <https://www.doi.org/10.34218/IJARET.10.2.2019.067>

(<https://www.doi.org/10.34218/IJARET.10.2.2019.067>) 7 Downloads 63 Views 0 Citation

---

**68 . PARTIAL REPLACEMENT OF FINE AGGREGATE IN CONCRETE BY USING BAKELITE WASTE (THERMOSETTING PLASTIC) ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_068](https://iaeme.com/Home/article_id/IJARET_10_02_068))**

M. Vadivel ([https://iaeme.com/Home/author\\_details/86718](https://iaeme.com/Home/author_details/86718)) ; P. Selvaram ([https://iaeme.com/Home/author\\_details/86719](https://iaeme.com/Home/author_details/86719)) ; K. Ashok Kumar ([https://iaeme.com/Home/author\\_details/86720](https://iaeme.com/Home/author_details/86720)) ; Sukumar ([https://iaeme.com/Home/author\\_details/86721](https://iaeme.com/Home/author_details/86721)) ; J. Ashok ([https://iaeme.com/Home/author\\_details/86700](https://iaeme.com/Home/author_details/86700)) ; M. Jeganathan ([https://iaeme.com/Home/author\\_details/85723](https://iaeme.com/Home/author_details/85723))

Article Id : IJARET\_10\_02\_068 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_068](https://iaeme.com/Home/article_id/IJARET_10_02_068)), Pages : 718-728

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume.10, Issue.2, March-April 2019

Published On : March 21,2019

DOI: <https://doi.org/10.34218/IJARET.10.2.2019.068>

(<https://doi.org/10.34218/IJARET.10.2.2019.068>) 8 Downloads 56 Views 0 Citation

---

**69 . MONITORING LAKE WATER QUALITY IN COIMBATORE CITY AND DATA REPRESENTATION USING GIS ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_069](https://iaeme.com/Home/article_id/IJARET_10_02_069))**

LN Aparna ([https://iaeme.com/Home/author\\_details/86722](https://iaeme.com/Home/author_details/86722)) ; Nandhini V ([https://iaeme.com/Home/author\\_details/86723](https://iaeme.com/Home/author_details/86723)) ; J. Ashok ([https://iaeme.com/Home/author\\_details/86700](https://iaeme.com/Home/author_details/86700)) ; M. Jeganathan ([https://iaeme.com/Home/author\\_details/85723](https://iaeme.com/Home/author_details/85723))

Article Id : IJARET\_10\_02\_069 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_069](https://iaeme.com/Home/article_id/IJARET_10_02_069)), Pages : 729-741

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume.10, Issue.2, March-April 2019

Published On : March 22,2019

DOI: <https://doi.org/10.34218/IJARET.10.2.2019.069>

(<https://doi.org/10.34218/IJARET.10.2.2019.069>) 9 Downloads 70 Views 0 Citation

---

**70 . FLOW ANALYSIS THROUGH CONVERGENT-DIVERGENT NOZZLES ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_070](https://iaeme.com/Home/article_id/IJARET_10_02_070))**

Selva Kumar S ([https://iaeme.com/Home/author\\_details/86724](https://iaeme.com/Home/author_details/86724)) ; Banu T ([https://iaeme.com/Home/author\\_details/86725](https://iaeme.com/Home/author_details/86725)) ; J. Ashok ([https://iaeme.com/Home/author\\_details/86700](https://iaeme.com/Home/author_details/86700)) ; M. Jeganathan ([https://iaeme.com/Home/author\\_details/85723](https://iaeme.com/Home/author_details/85723))



Article Id : IJARET\_10\_02\_070 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_070](https://iaeme.com/Home/article_id/IJARET_10_02_070)), Pages : 742-753

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume.10, Issue.2, March-April 2019

Published On : March 23,2019

DOI: <https://doi.org/10.34218/IJARET.10.2.2019.070>

(<https://doi.org/10.34218/IJARET.10.2.2019.070>) 8 Downloads 48 Views 0 Citation

---

**71 . THERMAL ANALYSIS OF OPEN-CYCLE REGENERATOR GAS-TURBINE POWER-PLANTS**  
([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_071](https://iaeme.com/Home/article_id/IJARET_10_02_071))

Arunkmar, N.K ([https://iaeme.com/Home/author\\_details/87845](https://iaeme.com/Home/author_details/87845)) ; M. Madhanagopal ([https://iaeme.com/Home/author\\_details/87846](https://iaeme.com/Home/author_details/87846)) ; D. Jerish Solomon ([https://iaeme.com/Home/author\\_details/87847](https://iaeme.com/Home/author_details/87847)) ; Ashok Vajravelu ([https://iaeme.com/Home/author\\_details/85799](https://iaeme.com/Home/author_details/85799)) ; Jeganathan M ([https://iaeme.com/Home/author\\_details/85790](https://iaeme.com/Home/author_details/85790))

Article Id : IJARET\_10\_02\_071 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_071](https://iaeme.com/Home/article_id/IJARET_10_02_071)), Pages : 754-764

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume.10, Issue.2, March-April 2019

Published On : March 23,2019

DOI: <https://doi.org/10.34218/IJARET.10.2.2019.071>

(<https://doi.org/10.34218/IJARET.10.2.2019.071>) 9 Downloads 25 Views 0 Citation

---

**72 . ERP AND ITS IMPLICATIONS IN RETAILING**  
([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_072](https://iaeme.com/Home/article_id/IJARET_10_02_072))

V. Sathyamurthy ([https://iaeme.com/Home/author\\_details/87863](https://iaeme.com/Home/author_details/87863)) ; S. Rameshraj ([https://iaeme.com/Home/author\\_details/87864](https://iaeme.com/Home/author_details/87864)) ; M.R. Vikraman ([https://iaeme.com/Home/author\\_details/87865](https://iaeme.com/Home/author_details/87865)) ; Ashok Vajravelu ([https://iaeme.com/Home/author\\_details/87866](https://iaeme.com/Home/author_details/87866)) ; Jeganathan M ([https://iaeme.com/Home/author\\_details/87867](https://iaeme.com/Home/author_details/87867))

Article Id : IJARET\_10\_02\_072 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_072](https://iaeme.com/Home/article_id/IJARET_10_02_072)), Pages : 765-775

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume.10, Issue.2, March-April 2019

Published On : March 25,2019

DOI: <https://doi.org/10.34218/IJARET.10.2.2019.072>

(<https://doi.org/10.34218/IJARET.10.2.2019.072>) 8 Downloads 23 Views 0 Citation

---

**73 . A CONCEPTUAL APPROACH TO ENHANCE PREDICTION OF DIABETES USING ALTERNATE FEATURE SELECTION AND BIG DATA BASED ARCHITECTURE**  
([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_073](https://iaeme.com/Home/article_id/IJARET_10_02_073))

Chellammal Surianarayanan ([https://iaeme.com/Home/author\\_details/89773](https://iaeme.com/Home/author_details/89773)) ; Sharmila Rengasamy ([https://iaeme.com/Home/author\\_details/89774](https://iaeme.com/Home/author_details/89774))

Article Id : IJARET\_10\_02\_073 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_073](https://iaeme.com/Home/article_id/IJARET_10_02_073)), Pages : 776-782

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume.10, Issue.2, March-April 2019

Published On : March 25,2019

DOI: <https://doi.org/10.34218/IJARET.10.2.2019.073>

(<https://doi.org/10.34218/IJARET.10.2.2019.073>) 22 Downloads 79 Views 0 Citation

---

**74 . CUSTOMER SATISFACTION AND AWARENESS ON PUBLIC SECTOR BANK SECTORS IN TIRUCHIRAPPALLI** ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_074](https://iaeme.com/Home/article_id/IJARET_10_02_074))

K. Kalaichelvi ([https://iaeme.com/Home/author\\_details/90118](https://iaeme.com/Home/author_details/90118))

Article Id : IJARET\_10\_02\_074 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_074](https://iaeme.com/Home/article_id/IJARET_10_02_074)), Pages : 783-790

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume.10, Issue.2, March-April 2019

Published On : March 25,2019

16 Downloads 50 Views 0 Citation

---

**75 . ANALYSIS OF ROLE OF PRICE IN CROPPING PATTERN IN SALEM DISTRICT** ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_075](https://iaeme.com/Home/article_id/IJARET_10_02_075))

N.Prasanna ([https://iaeme.com/Home/author\\_details/91457](https://iaeme.com/Home/author_details/91457)) ; A.Bharatharathna ([https://iaeme.com/Home/author\\_details/91458](https://iaeme.com/Home/author_details/91458)) ; P.Natarajamurthy ([https://iaeme.com/Home/author\\_details/91459](https://iaeme.com/Home/author_details/91459))

Article Id : IJARET\_10\_02\_075 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_075](https://iaeme.com/Home/article_id/IJARET_10_02_075)), Pages : 791-796

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume.10, Issue.2, March-April 2019

Published On : April 25,2019

DOI: <https://doi.org/10.17605/OSF.IO/QZGU3> (<https://doi.org/10.17605/OSF.IO/QZGU3>) 7

Downloads 16 Views 0 Citation

---

**76 . DESIGN AND IMPLEMENTATION OF A SMART PARKING SYSTEM USING INTERNET OF THINGS TECHNOLOGY** ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_076](https://iaeme.com/Home/article_id/IJARET_10_02_076))

Rajeev Gupta ([https://iaeme.com/Home/author\\_details/91947](https://iaeme.com/Home/author_details/91947))

Article Id : IJARET\_10\_02\_076 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_076](https://iaeme.com/Home/article_id/IJARET_10_02_076)), Pages : 797-804

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume.10, Issue.2, March-April 2019

Published On : April 25,2019

DOI: <https://doi.org/10.17605/OSF.IO/MGV2J> (<https://doi.org/10.17605/OSF.IO/MGV2J>) 6

Downloads 16 Views 0 Citation

---

**77 . ANALYSIS OF THE PERFORMANCE OF DIFFERENT COMMUNICATION PROTOCOLS FOR IOT APPLICATIONS** ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_077](https://iaeme.com/Home/article_id/IJARET_10_02_077))

Priyanka ([https://iaeme.com/Home/author\\_details/91950](https://iaeme.com/Home/author_details/91950))

Article Id : IJARET\_10\_02\_077 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_077](https://iaeme.com/Home/article_id/IJARET_10_02_077)), Pages : 805-813

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume.10, Issue.2, March-April 2019

Published On : April 25,2019

DOI: <https://doi.org/10.17605/OSF.IO/G7HNA> (<https://doi.org/10.17605/OSF.IO/G7HNA>) 5

Downloads 15 Views 0 Citation

---

**78 . DEVELOPMENT OF A SMART GRID SYSTEM FOR EFFICIENT ENERGY MANAGEMENT IN RESIDENTIAL BUILDINGS ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_078](https://iaeme.com/Home/article_id/IJARET_10_02_078))**

Navneet Kaur ([https://iaeme.com/Home/author\\_details/91951](https://iaeme.com/Home/author_details/91951))

Article Id : IJARET\_10\_02\_078 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_078](https://iaeme.com/Home/article_id/IJARET_10_02_078)), Pages : 814-821

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume.10, Issue.2, March-April 2019

Published On : April 26,2019

DOI: <https://doi.org/10.17605/OSF.IO/9CH4Z> (<https://doi.org/10.17605/OSF.IO/9CH4Z>) 5

Downloads 11 Views 0 Citation

---

**79 . INVESTIGATION OF THE EFFECT OF MULTIPATH FADING ON WIRELESS COMMUNICATION SYSTEMS ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_079](https://iaeme.com/Home/article_id/IJARET_10_02_079))**

Prabhat Kumar ([https://iaeme.com/Home/author\\_details/91954](https://iaeme.com/Home/author_details/91954))

Article Id : IJARET\_10\_02\_079 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_079](https://iaeme.com/Home/article_id/IJARET_10_02_079)), Pages : 822-829

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume.10, Issue.2, March-April 2019

Published On : April 26,2019

DOI: <https://doi.org/10.17605/OSF.IO/X8E53> (<https://doi.org/10.17605/OSF.IO/X8E53>) 8

Downloads 19 Views 0 Citation

---

**80 . COMPUTER AID DESIGN IN FASHION TECHNOLOGY ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_080](https://iaeme.com/Home/article_id/IJARET_10_02_080))**

Ananda Karmakar ([https://iaeme.com/Home/author\\_details/91956](https://iaeme.com/Home/author_details/91956))

Article Id : IJARET\_10\_02\_080 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_080](https://iaeme.com/Home/article_id/IJARET_10_02_080)), Pages : 830-837

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume.10, Issue.2, March-April 2019

Published On : April 27,2019

DOI: <https://doi.org/10.17605/OSF.IO/V27AC> (<https://doi.org/10.17605/OSF.IO/V27AC>) 4

Downloads 16 Views 0 Citation

---

**81 . DEVELOPMENT OF A MACHINE LEARNING ALGORITHM FOR PREDICTING SOLAR ENERGY GENERATION ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_081](https://iaeme.com/Home/article_id/IJARET_10_02_081))**

Nitin Kumar ([https://iaeme.com/Home/author\\_details/91957](https://iaeme.com/Home/author_details/91957))

Article Id : IJARET\_10\_02\_081 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_081](https://iaeme.com/Home/article_id/IJARET_10_02_081)), Pages : 838-845

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume.10, Issue.2, March-April 2019

Published On : April 27,2019

DOI: <https://doi.org/10.17605/OSF.IO/HX9TE> (<https://doi.org/10.17605/OSF.IO/HX9TE>) 5

Downloads 11 Views 0 Citation

---

**82 . ANALYSIS OF DIFFERENT MAC PROTOCOLS FOR WIRELESS SENSOR NETWORKS**  
([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_082](https://iaeme.com/Home/article_id/IJARET_10_02_082))

Ved Prakash Dubey ([https://iaeme.com/Home/author\\_details/91958](https://iaeme.com/Home/author_details/91958))

Article Id : IJARET\_10\_02\_082 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_082](https://iaeme.com/Home/article_id/IJARET_10_02_082)), Pages : 846-852

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume.10, Issue.2, March-April 2019

Published On : April 27,2019

DOI: <https://doi.org/10.17605/OSF.IO/ZJUBG> (<https://doi.org/10.17605/OSF.IO/ZJUBG>) 7

Downloads 11 Views 0 Citation

---

**83 . DESIGN AND IMPLEMENTATION OF AN ADAPTIVE MODULATION SCHEME FOR UNDERWATER ACOUSTIC COMMUNICATION SYSTEMS** ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_083](https://iaeme.com/Home/article_id/IJARET_10_02_083))

Deeksha Naithani ([https://iaeme.com/Home/author\\_details/91959](https://iaeme.com/Home/author_details/91959))

Article Id : IJARET\_10\_02\_083 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_083](https://iaeme.com/Home/article_id/IJARET_10_02_083)), Pages : 853-859

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume.10, Issue.2, March-April 2019

Published On : April 29,2019

DOI: <https://doi.org/10.17605/OSF.IO/E2CJ8> (<https://doi.org/10.17605/OSF.IO/E2CJ8>) 6

Downloads 13 Views 0 Citation

---

**84 . STUDY OF THE PERFORMANCE OF DIFFERENT ANTENNA TYPES FOR INDOOR LOCALIZATION APPLICATIONS** ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_084](https://iaeme.com/Home/article_id/IJARET_10_02_084))

Priyanka ([https://iaeme.com/Home/author\\_details/91960](https://iaeme.com/Home/author_details/91960))

Article Id : IJARET\_10\_02\_084 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_084](https://iaeme.com/Home/article_id/IJARET_10_02_084)), Pages : 860-866

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume.10, Issue.2, March-April 2019

Published On : April 29,2019

DOI: <https://doi.org/10.17605/OSF.IO/SB82C> (<https://doi.org/10.17605/OSF.IO/SB82C>) 5

Downloads 15 Views 0 Citation

---

**85 . DEVELOPMENT OF AN INTELLIGENT TRANSPORTATION SYSTEM FOR PUBLIC TRANSPORT VEHICLES ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_085](https://iaeme.com/Home/article_id/IJARET_10_02_085))**

Navneet Kaur ([https://iaeme.com/Home/author\\_details/91961](https://iaeme.com/Home/author_details/91961))

Article Id : IJARET\_10\_02\_085 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_085](https://iaeme.com/Home/article_id/IJARET_10_02_085)), Pages : 867-874

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume.10, Issue.2, March-April 2019

Published On : April 29,2019

DOI: <https://doi.org/10.17605/OSF.IO/BZWQ4> (<https://doi.org/10.17605/OSF.IO/BZWQ4>) 6

Downloads 11 Views 0 Citation

---

**86 . ANALYSIS AND OPTIMIZATION OF HIGH-FREQUENCY POWER AMPLIFIERS FOR 5G COMMUNICATION SYSTEMS ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_086](https://iaeme.com/Home/article_id/IJARET_10_02_086))**

Prabhat Kumar ([https://iaeme.com/Home/author\\_details/91954](https://iaeme.com/Home/author_details/91954))

Article Id : IJARET\_10\_02\_086 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_086](https://iaeme.com/Home/article_id/IJARET_10_02_086)), Pages : 875-881

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume.10, Issue.2, March-April 2019

Published On : April 29,2019

DOI: <https://doi.org/10.17605/OSF.IO/QRDU4> (<https://doi.org/10.17605/OSF.IO/QRDU4>) 5

Downloads 10 Views 0 Citation

---

**87 . ART CRAFT TECHNOLOGY AS THE MEDIUM OF CREATION FOR DESIGNING AND IMPLEMENTING INTERIORS ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_087](https://iaeme.com/Home/article_id/IJARET_10_02_087))**

Anjay Painuly ([https://iaeme.com/Home/author\\_details/91962](https://iaeme.com/Home/author_details/91962))

Article Id : IJARET\_10\_02\_087 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_087](https://iaeme.com/Home/article_id/IJARET_10_02_087)), Pages : 882-888

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume.10, Issue.2, March-April 2019

Published On : April 30,2019

DOI: <https://doi.org/10.17605/OSF.IO/6G85F> (<https://doi.org/10.17605/OSF.IO/6G85F>) 4

Downloads 9 Views 0 Citation

---

**88 . DESIGN AND IMPLEMENTATION OF A WEARABLE DEVICE FOR CONTINUOUS BLOOD GLUCOSE MONITORING ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_088](https://iaeme.com/Home/article_id/IJARET_10_02_088))**

Rajeev Gupta ([https://iaeme.com/Home/author\\_details/91963](https://iaeme.com/Home/author_details/91963))

Article Id : IJARET\_10\_02\_088 ([https://iaeme.com/Home/article\\_id/IJARET\\_10\\_02\\_088](https://iaeme.com/Home/article_id/IJARET_10_02_088)), Pages : 889-895

*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)*, (<https://iaeme.com/Home/journal/IJARET>)Volume.10, Issue.2, March-April 2019

Published On : April 30,2019

# TUNING THE OPTICAL AND MECHANICAL PROPERTIES OF Y<sub>2</sub>O<sub>3</sub> CERAMICS BY THE INCLUSION OF La<sup>3+</sup> ION IN THE MATRIX FOR INFRARED TRANSPARENT WINDOW APPLICATIONS

**Mathew C.T**

EMRL, Department of Physics, Mar Ivanios College,  
Thiruvananthapuram, Kerala, India

## ABSTRACT

*Infrared transparent windows are generally used to protect highly delicate infrared sensor circuits from the harsh environments. In the present work a combustion technique was effectively used to incorporate La<sup>3+</sup> ion in the yttria matrix. The crystallites were in the size limit of 20 nm. Powder characterization using X-ray diffraction, HRTEM and FTIR spectroscopy revealed that the La<sup>3+</sup> ions were effectively replacing the Y<sup>3+</sup> ion in the yttria matrix. There was a slight reduction in optical band gap with La<sup>3+</sup> concentration. A novel sintering mechanism was used for sintering the samples by coupling definite proportions of resistive heating and microwave heating. The highly dense pellets showed better transmittance and hardness properties, which improved with La<sup>3+</sup> concentration. The present study authorises that combustion synthesis of the samples followed by resistive coupled microwave sintering can effectively be used to tune the optical and mechanical, properties of infrared transparent ceramics. Improving the transmittance properties without deteriorating the mechanical properties through the resistive coupled microwave sintering is the major highlight of this novel work.*

**Keywords:** Combustion synthesis, Hardness, Infrared window, Resistive coupled microwave sintering

**Cite this Article:** Mathew C.T, Tuning the Optical and Mechanical Properties of Y<sub>2</sub>O<sub>3</sub> Ceramics by the Inclusion of La<sup>3+</sup> Ion in the Matrix for Infrared Transparent Window Applications, *International Journal of Advanced Research in Engineering and Technology*, 10 (2), 2019, pp 1-13.

<http://iaeme.com/Home/issue/IJARET?Volume=10&Issue=2>

---

## 1. INTRODUCTION

Infrared transparent ceramics are materials which allow electromagnetic radiations in the infrared range to pass through them without being much scattered or absorbed. The studies on transparent ceramics was triggered by the invention of commercially successful translucent  $\alpha$ -

# COMPARISON OF PROPELLER TYPE B-SERIES AND AU-OUTLINE GAWN SERIES FOR IMPROVING ON SUBMARINE PROPULSION PERFORMANCE USING CFD

**Deddy Chrismianto, Ahmad Fauzan Zakki, Berlian Arswendo and Insanu Abdilla  
Cendikia Abar**

Department of Naval Architecture, Faculty of Engineering,  
Diponegoro University Indonesia.

## ABSTRACT

*Submarine propeller need some unique criteria can give bigger amount of thrust with noiseless. The submarine propeller design must able to produce the high thrust value, low pressure value, and smooth propeller streamline. This study investigates and compares some type of propeller that are B – 7 series, B – 8 series, Au – 7 Outline gawn series, and Au – 8 outline gawn series with some different parameters, that is blade diameter, number of blades, skew angle and pitch. From some models that have been compared, the best propeller is B – 8 series on 500 rpm with thrust value 25481 N, torque value 3927 Nm, average value pressure about 10608,92 Pa, and turbulence flow with average value velocity stream under 14,33 m/s.*

**Keywords:** Submarine, B-series propeller, Au-series propeller, CFD.

**Cite this Article:** Deddy Chrismianto, Ahmad Fauzan Zakki, Berlian Arswendo and Insanu Abdilla Cendikia Abar, Comparison of Propeller Type B-Series and Au-Outline Gawn Series for Improving on Submarine Propulsion Performance using Cfd, *International Journal of Advanced Research in Engineering and Technology*, 10(2), 2019, pp. 647-651.

<http://iaeme.com/Home/issue/IJARET?Volume=10&Issue=2>

---

## 1. INTRODUCTION

Submarine is a one of ship can dives independently. The submarine requirement with effective hull is designed for diving with long time under the sea, and it equipped by the periscope and torpedo for war [1]. Submarine propeller need some unique criteria in which the propeller can give bigger amount of thrust with noiseless for spying in submarine, so it has designed for moving without make noise or detected from other enemy radar and it can fast move under the water.

For the study purpose, the variable of parameters are choiced, that is; the number of blade, skew angle, diameter and blade type based on amount of effect that can reacted with propeller

---

# DESIGN AND IMPLEMENTATION OF A WEARABLE DEVICE FOR CONTINUOUS BLOOD GLUCOSE MONITORING

**Rajeev Gupta**

Department of Electro. & Comm. Engg , Graphic Era Hill University,  
Dehradun, Uttarakhand, India 248002

## Abstract

*The prevalence of diabetes continues to increase globally, and the need for continuous blood glucose monitoring has become increasingly crucial in managing the disease. Traditional methods of blood glucose monitoring require constant pricking of the skin to obtain blood samples, which can be painful and inconvenient for patients. In recent years, wearable devices have emerged as a promising solution to this problem, providing continuous monitoring without the need for invasive procedures. The aim of this project is to design and implement a wearable device for continuous blood glucose monitoring. The device consists of a sensor that is worn on the skin and measures the glucose level in the interstitial fluid, which is the fluid that surrounds the cells in the body. The sensor transmits the data to a microcontroller, which processes the data and sends it to a smartphone application via Bluetooth. The smartphone application displays the glucose level in real-time, and can also send alerts to the patient or their healthcare provider if the glucose level falls outside a predetermined range.*

**Key words:** Continuous Blood Glucose Monitoring, Diabetes, Wearable Devices, Interstitial Fluid, Sensor, Microcontroller, Smartphone Application, Bluetooth, Real-Time Monitoring.

**Cite this Article:** Rajeev Gupta, Design and Implementation of a Wearable Device for Continuous Blood Glucose Monitoring, *International Journal of Advanced Research in Engineering and Technology (IJARET)*, 2019, 10(2), pp. 889-895

<https://iaeme.com/Home/issue/IJARET?Volume=10&Issue=2>

---

## 1. Introduction

Diabetes is a chronic disease that affects millions of people worldwide. One of the most significant challenges faced by people with diabetes is maintaining their blood glucose levels within a healthy range. Continuous glucose monitoring (CGM) systems have become