

INTERNATIONAL RESEARCH JOURNAL OF SCIENCE ENGINEERING AND TECHNOLOGY



ISSN 2454-3195

An Internationally Indexed Peer Reviewed & Refereed Journal

WWW.RJSET.COM
www.isarasolutions.com

Published by iSaRa Solutions

HOW MULTISTORIED BUILDING CAN BE MADE SAFE BY USING RETROFITTING TECHNIQUE TO AVOID ANY DISASTER.....	11
1. Dr.J.Bhattacharjee; 2. Akash Malik, 3. Ankit Poonia, 4. Ilyas Khan	11
A REVIEW ON PROGRESSIVE COLLAPSE OF STRUCTURES AND ITS EFFECT	22
1. Dr.J.Bhattacharjee; 2. Ms. Rabia Rafiq	22
DESIGNING OF MULTI STOREYED BUILDINGS FOR FINDING OUT REQUIREMENT OF RETROFITTING MEASURES	28
Prof. (Dr.) J. Bhattacharjee ¹	28
Laxmi Kanta ²	28
FTIR & GC-MS Analysis of Ylang Ylang oil, comparative study of its chemical composition and concern regarding Diethyl phthalate	35
Esha Tambe.....	35
Sulekha Gotmare.....	35
COMPARATIVE STUDY OF SEISMIC FORCE & WIND FORCE IN LOW- RISE AND HIGH-RISE BUILDING	49
1. Prof. (Dr.) J. Bhattacharjee; 2.Er. Amit	49
A REVIEW ON PERFORMANCE OF SHEARWALL & BRACINGS TO MEET EARTHQUAKE FORCES.	58
Prof. (Dr.) J. Bhattacharjee ¹	58
Pankaj Goel ²	58
लॉकडाउन से पूर्व भारतीय अर्थव्यवस्था में मंदी की आहट : सूचक एवं कारण.....	71
डा० अनीता जैन डा० मुकेश कुमार.....	71
A Study of Structural Analysis of Perfect Difference Network (PDN).....	79
Sunil Tiwari*, Piyush Singh Gaharwar ^{##} , Rakesh Kumar Katore*	79
STUDY ON RETROFITTING OF EXISTING RCC BUILDING	89
Prof. (Dr.) J. Bhattacharjee ¹	89
Ms. Nidhi Singh ²	89
Eco compatible method for Synthesis of Zinc oxide Nanoparticle and Its Potential Applications	96
Dr. Pratik Kumar Jagtap ¹ , Udayanath Ratha ² , Sarada Bhanjadeo ³ ,	96
EFFICIENT MACHINE LEARNING ALGORITHM FOR PREDICTING NEW VENTURE SURVIVAL	103

¹ Mrs.Sajiitha janardhanan , ² Ms.Divya.R , ³ Dr.M.Rajeswari	103
Introduction.....	103
Related Work	104
Methodology	105
Results and Discussion	106
Conclusion and Future Scope	107
A Comprehensive Survey on Detection of Person	108
Arnold Xavi	108
Dr.M.Rajeswari.....	108
2.1 Detection of person based on blob detection	108
2.4 Detection of person based on UAV moving camera	110
2.5 Detection of person based on UAV video	110
2.6 Detection of pedestrian based on RetinaNet 50.....	111
2.7 Detection of pedestrian based on cascade classifiers.....	111
2.8 Detection of pedestrian based on Fused DNN	112
2.9 Detection of pedestrian based on Triangular Pattern.....	112
2.10 Detection of pedestrian based on PVA Net	113
SEISMIC RESPONSE OF REGULAR STEEL STRUCTURE WITH CONNECTION FLEXIBILITY	115
Author name: Abhay Thakur	115
STUDY OF SEISMIC BEHAVIOUR OF MASS IRREGULAR BUILDING FRAME	124
Vindhyavasini Mishra*	124
VI. CONCLUSION	132
SEISMIC RESPONSE OF STEEL BUILDING FRAMES WITH VERTICAL SETBACK IRREGULARITY	133
Aditya.....	133
PUSHOVER ANALYSIS OF A MULTI STOREY REINFORCED CONCRETE BUILDING	143
Prakhar Varshney*	143
An Ensemble Approach for Exchange Rate Forecasting Using Multivariate Data.....	149
Mrs.Reshma. K.S ^{1*} , Dr. R.Sunder ² , Dr.M.Rajeswari ³	149
Room Persistence Library Implementation In Android.....	155

Jaspreet Singh ¹ , Mr. Rachhpal Singh ²	155
Coronavirus Pandemic: A Global Human Interaction	160
Dr. Surender Kumar* and Karamvir**	160
AACO based MRMC Techniques in Mesh Networks.....	165
Navreet Kaur ¹ , Dr. Jatinder Singh Saini ²	165
5G AND ITS IMPACT ON THE INTERNET OF THINGS	172
Dr. J.Arockia Venice, Selvan Albin. M.E.,.....	172
A PROJECT REPORT ON QUALITY OF WORKLIFE CARRIED OUT IN HETERO DRUGS LIMITED	177
B. SRILEKHA	177
Mr.R.NARSAIAH	177
Synthesis of Some New Coumarin Derivatives and Study of Their Biological Activity	185
Dr.Rinky Kumari	185
Introduction.....	185
Results and Discussion	185
Biological Activity.....	186
Conclusions.....	187
References	191
An Approach for Improving Mining of Web Data using Integrated Filtering Technique based on Clustering Network.....	192
^I MOHAMMAD SHAHID, ^{II} Dr. SANJEEV	192
Effect of Yoga Training on Physiological Characteristics of College undergraduate girls ..	201
Sahil,	201
Bhisham Singh,	201
Socioeconomic status of buffalo rearing farmers in west Uttar Pradesh	205
¹ Mohd Nayeem Ali, ² Subham Sharma and ³ Anoop	205
The Hypersurfaces of Finsler Space with Normalized Semi-Parallel Vector Field	209
Anil Kumar Jaiswal	209
SYNTHESIS AND CHARACTERIZATION OF POLYMERS AND POLYMERIC NANOPARTICLES FOR APPLICATIONS IN DRUG DELIVERY	217
Ashwini Nayak.....	217
Article	224

