

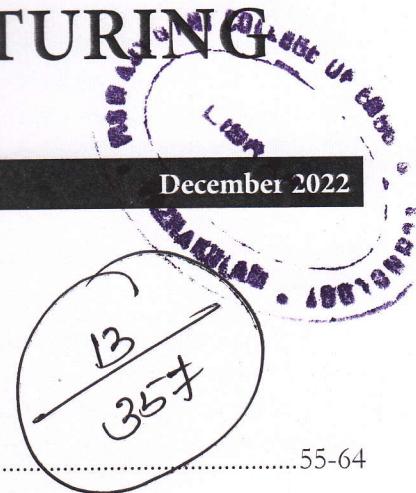
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CONTENTS



| | |
|---|---------|
| 1. Seismic Evaluation of a RC Elevated Water Tank..... | 55-64 |
| <i>C. Pavithra, J. Yogeshwaran, S. Karthiga and L. Sabarigirivasan</i> | |
| 2. Profile of the Financial Performance of Family Enterprises in the..... | 65-70 |
| <i>Colombian Graphic Industry</i> | |
| <i>Jaime-Cifuentes Rueda, Mercedes Gaitán-Angulo, Amelec Vitoria and Paula Robayo Acuña</i> | |
| 3. Biogas Electricity Generation from Biomass using IC Engine..... | 71-82 |
| <i>Krishna Kumar M., Sreejith Kailas T., Ilango K. and Manjula G. Nair</i> | |
| 4. A New Approach to Increase the Storage Efficiency of Databases Using..... | 83-91 |
| BIT Representation | |
| <i>Nimisha E., Shyama P. and Rajalakshmi V.R.</i> | |
| 5. Evaluation on the Usefulness of Texture and Binary Key-Point | 93-98 |
| Features for Multi-Script Identification in Scene Images | |
| <i>Zaidah Ibrahim, Muthukarupan Annamalai and Dino Isa</i> | |
| 6. A Grid Connected Dual Voltage Source Inverter with Improvement..... | 99-108 |
| Power Quality Features | |
| <i>S. Velmanikandan, R. Epsibha and W.A. Augusteen</i> | |
| 7. Comparative Analysis and Proposed Schmitt Trigger Design using | 109-126 |
| Different CMOS Foundries | |
| <i>Sandeep Singh and Er. Tarandip Singh</i> | |

Elevated water tanks are types of liquid storage tanks in which the liquid container is located at certain height above the ground by use of strong piping. The storage tanks are mainly adopted as facilities for water treatment, storage, treatment and treatment for industrial liquids. Elevated water tanks are a form of joined tanks, in order to provide enough of space required for water supply purposes, water tanks are integrated on a supporting tower. Therefore, instead of relying on mechanical pumping, the gravity gives the necessary pressure.

The authors have provided a design procedure to enhance the distribution of the ductility factor and also the seismic performance of the elevated tanks. An elevated water tank is designed for the steaming as well as for use in an effort to help to perform well during earthquakes. The mass distribution of the structure is given as lumped masses and the dynamic behavior of the tanks are calculated. The impulsive mass is considered as reaction forces and connecting is considered as continuity. The load distribution pattern for transverse