IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE)

Managing Editor Board

- ❖ Dr. S.Prakash Sathyabama University, India
- ❖ Dr. Idris, Musibaudeen Olatunde The Federal Polytechnic Ede, Osun State, Nigeria
- Dr. Salah Hamed Ramadan Ali National Institute for Satandards (NIS), Egypt
- Dr. Mohammad Valipour University of Tehran, Iran
- Dr. Abdul Latif Qureshi Mehran Univ. of Engg. & Tech., Jamshoro, Pakistan
- Dr. Trouzine Habib LGCE, Sidi Bel Abbes University, Algeria

International Editorial Board

- ❖ Dr. Said Abdel-Aleem Farag Hawash National Water Research Center (NWRC), Egypt
- ❖ Dr. S. K. Mangal PEC University of Technology, India
- Dr. Rajeshkumar U. Sambhe Sant Gadge Baba Amravati University, Amravati, India
- Dr. Aginam, Chukwurah Henry Nnamdi Azikiwe University Awka, Anambra Nigeria
- ❖ Dr. Pramod Kumar Gupta IIT Roorkee, India
- Dr. P.Sivaprakash Karpagam Institute of Technology, India

Contact Us

Website URL: www.iosrjournals.org Email: Support@iosrmail.org



Qatar Office:

IOSR Journals Salwa Road Near to KFC and Aziz Petrol Station, DOHA, Qatar



India Office:

EHTP, National Highway 8, Block A, Sector 34, Gurugram, Haryana 122001



Australia Office:

43, Ring Road, Richmond Vic 3121 Australia

New York Office:

8th floor, Straight hub, NS Road, New York, NY 10003-9595



IOSR Tournal of Mechanical and Civil Engineering **IOSR** Journals

International Organization of Scientific Research

e-ISSN: 2278-1684 p-ISSN: 2320-334X Volume: 19 Issue: 3 Series-4

Contents:

	Effect of Heat Treatment Process Parameters on Tensile Strength Properties and Hardness of the Recycled Aluminium Alloy	01-07
	Innovative design of cross flow hydro turbine system for Hhaynu micro-hydropower plant – Mbulu, Tanzania	08-18
	Stability Analysis of Thin CSCS and CSSS Isotropic Plates Subjected to Vibrational Loads	19-27
	Problems and Prospect of Energy Storage Technology and Its Application in Power Systems	28-33
	Application of Coconut Shell as a Partial Replacement of Coarse Aggregate in Concrete	34-37
	Finite Element Modelling and Parametric Analysis of Thin Reinforced Concrete Slabs Strengthening by CFRP Laminates	38-46
	Modelling and Analysis of Carbon Fibre Brake Pedal for BAJA SAE	47-51
	Effect of Partial Replacement of Cement with Banana Stem Ash on Compressive and Splitting Tensile Strengths on Concrete	52-58
	Modelling and Analysis of Carbon Fibre Brake Pedal for BAJA SAE	59-63