

## Editorial Board

Dr. Mohammad Reza Iravani, Iran

Dr. Farooq Ahmad, Pakistan

Dr. Ashraf Bhat, India

Dr. Ajayi, Johnson Olusegun, Nigeria

Dr. Sunita Singh, India

Dr. Abubakar S.R. Matazu, Nigeria

Dr. Cristina-Georgiana Voicu, Germany

Dr. Amirul Mukminin, Indonesia

Dr. Ravi Kant, India

Dr. Michael Akintayo, New York

Dr. Viktor Jakupec, Nigeria

Dr. Shahabudin Abdullah, Malaysia

Dr. Rabindra Kumar Pradhan, India



# Journal of Architecture and Civil Engineering (JACE)

ISSN : 2321-8193

## Contact Us:

Quest Journals Inc.

Web: [www.questjournals.org](http://www.questjournals.org)

Mail: [quest@editormails.com](mailto:quest@editormails.com)

**Volume 6 - Issue 12**  
**December-2021**



# Journal of Architecture and Civil Engineering (JACE)

Volume 6 - Issue 12

December 2021

ISSN : 2321-8193

## Contents :

<b>Comparative Study of Carbon &amp; Polyvinyl Fiber Reinforced Concrete with Normal Concrete by using Manufacture Sand (M-Sand) as Fine Aggregate</b>	<b>01-07</b>
<b>Eco-Entrepreneurship Based On Hemp Concrete: What Challenges In Morocco?</b>	<b>08-13</b>
<b>Performance of FRP Composite Panels in Architectural Applications</b>	<b>14-19</b>
<b>Analysis of Fibre Reinforced Polymer –Poles Made Using Filament Winding Technique</b>	<b>20-25</b>
<b>Behavior of Natural Fiber Reinforced Concrete Using Rice Straws</b>	<b>26-36</b>
<b>Study of Use of Biopory Hole for Flood Management in Housing Area</b>	<b>37-44</b>
<b>Modelling of Chemical Contaminant Transport of Open Dumpsite Leachate on Groundwater using MATLAB Program</b>	<b>45-53</b>
<b>Tamil Nadu Commerce HUB – A Twin tower proposal in Chennai</b>	<b>54-59</b>
<b>Structuring village level as base guideline &amp; achieving Self-sustainability</b>	<b>60-67</b>