Editorial Comments for the Inaugural Issue: JCMM Volume 1 Issue 1

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This is the first historical issue of the *Journal of Computers, Mechanical and Management (JCMM)*, a bimonthly publication of the *Global Academic Digital Library (GADL)*. Mechanical elements (from tiny screws to huge machines), computer knowledge (hardware and software) and application of the right management philosophy are the prime elements required to make the world look better. JCMM, an emerging multidisciplinary journal, has been thus launched to cover all the aspects of basic sciences, engineering sciences and management studies comprising the discussed prime elements.

The published papers are within the scope of JCMM and aim to enhance the international exchange of scientific activities on the applications of computers, mechanical components, materials and management techniques. The collaborative and international efforts were visible as authors from five countries (India, Germany, United States, Canada and Sri Lanka). The journal published seven articles, six full-length articles and one review article. Volume 1, issue 1 of JCMM started with the article by Bhat et al. [1], wherein the authors investigated the seawater's effect on the hardness of marine FRP composites of varying thicknesses and presented the experimental results indicating the effect. The authors also discussed the root cause concerning the chemistry behind it at the microstructural level using SEM and EDX analysis. Srikanth et al. [?] emphasized the application of simulation and modeling to determine the property enhancement and optimize the fiber content in concrete composites. The authors used the ANSYS simulation and modeling approach to optimize the polypropylene fibers in concrete to achieve better bending and uniaxial tensile strength. Banerjee and Dua [?] presented a framework based on trendy technologies, specifically extracting, transforming and integrating (ETI) processes, ontology graphs, and indexing resource description framework (RDF) using the wide-column not only structured query language (NoSQL) method. The authors performed numerous operations to evaluate the effectiveness of the proposed methodology in installing data sources, such as DBpedia and YAGO datasets and validated the developed model. Kumar et al. [?] touched upon a relatively hot topic in the welding process. The article focussed on friction stir welding of dissimilar aluminum-silicon alloys utilizing a vertical milling machine and altering process parameters. The authors provided optimum working conditions, yielding the welds exhibiting good tensile strength and surface finish. S. Deepa [?] proposed a meta-heuristics algorithm for regression testing. The author combined particle swarm optimization (PSO) with the bat algorithm to solve the problem of finding the best subset of regression test cases with multi objectives of reducing risk in skipping test cases, maximizing the number of faults within the time constraints. Bhiwaniwala et al. [?] developed a comprehensive model to assess the pandemic's impact on employees' lifestyles. The inferences highlighted the factors influencing employee morale and work culture and the parameters closely related to employee functioning in the organization that should not be affected. Volume 1, issue 1 of JCMM concluded with an extensive review article by Naik et al. [?], wherein the authors provided an in-depth overview of bioresin-based green composites so that the reader can better understand the mechanical properties, chemical treatment methods and processing techniques associated with these composites.

It is always opportune to remember that the JCMM will accept submissions as Original Articles, those documenting significant results that contribute to the extension of knowledge and promotion of the understanding, presented in such a way that qualified readers can replicate the key elements based on the information provided; Review Articles, which are about an extensive survey of one particular subject, in which the already published information is compiled, analyzed and discussed to achieve a balanced assessment and synthesis of knowledge. With the publication of this first issue, I, on behalf of the JCMM team, call the authors forward their original works so that we can make JCMM, as soon as possible, an international publication of the highest level.

References

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