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Submission of the Articles

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- Register in the journal and, then log on to the journal by entering the user id and password.
- On successful submission, an e-mail acknowledgement will be received to your email id you have provided.
- Subsequent correspondence should be routed via the Managing Editor, on the email id given in the about section of the journal.

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**STM Journals** are international web based Journals focused towards the publication of current research and review work carried out globally. All contributions to the journal are rigorously refereed and are selected on the basis of quality and originality of the work. The journal publishes the most significant new researches and review works in all areas pertaining to its scope, thus ensuring its scientific priority and significance.

During submission, authors will be required to agree to the **Author's Declaration** confirming that:

- The articles should fall under the scope of respective Journal.
- The idea and thought contents should be novel that has potential to significantly add/support the research already published.
- The articles should maintain a requisite standard of a scientific & technical journal in general and of the Journal in particular.
- Guidelines of Journal in this regard should be adhered to, The article should not embody obsolete idea or information.
- It needs to carry significance in terms of application, or, otherwise to scientific/business community in particular and the society in general.
- It should demonstrate appropriateness of approach or experimental design, adequacy of experimental techniques (including statistics where appropriate, need for statistical assessment).
- The results deduced should be relevant to the problem posed/credible.
- It should represent soundness of conclusions and interpretation, and interpretations and conclusions warranted by the data.
- Over and above, in case of doubt to determine the matching of embodied
contents in a manuscript with the defined scope of Journal, one may apply the following yard-stick.

- If, the manuscript deals in focus and scope of journal.
- If the manuscript covers the applications and/or usages of materials/equipments/products or services.
- Whether the field and scope/focus is same as of journal and is widely and deeply engrossed in the manuscript.

Contributors (authors) may note that in all cases, the Journal’s decision (Editorial board/Publication Management Team) on the relevance of a manuscript’s contents with the scope of the journal is taken as final.

**Type of Contributions**

The type of articles that Journal look forward to receive is mainly an out-come of original research and the review articles that summarizes the state-of-the-art scenario of a specific research field pertaining to the focus and scope of STM Journals. Other contributions include, research communications, and editorial.

- **Research Articles**
  These articles report research work or original research findings that have not been published and are not under consideration for publication elsewhere.
  The length of the article should not normally exceed 5000 words. An abstract of less than 250 words is preferred.

- **Review Articles**
  These contributions are usually commissioned by the Journal. However, high quality unsolicited review articles are also considered. These articles review and discuss developments in a given domain. These are expected to be well focused and organized, and refrain from adopting a general ‘textbook’ style.
  The length of the review article should not exceed 6000 words. An abstract of less than 250 words is preferred. The number of references should be limited to about 100 in number.

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Editorials
Editorials are mainly contributed by the members of the Publication Management Team/ the Editorial board of the Journal. However, unsolicited editorials on hot topics are also considered, for quality control these are subject to be screened/ edited by the Journal Editorial board and/or Publication management team. The length of the editorial text should be limited to 1500 words.

Review Process/Refereeing of Articles
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- **Author Submission**
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- **STM Journals**
  - Content Processing

- **Final Output**
  - Published in PDF format (Double column)

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- Short Title
- Article Title
- Abstract
- Keywords
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- References

(Schemes, Figures, and Tables also form an integral part of the manuscript.)
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Short Title: Assessment of Chemistry and Character of Microcomposites
Authors: Sethi and Ray

An Assessment of Interfacial Chemistry and Character of Fiber/Polymer Microcomposites

S. Sethi*, B. C. Ray
Metallurgical and Materials Engineering Department, National Institute of Technology, Rourkela, India

Abstract

The interfacial chemistry and character of hygrothermally treated E-glass/epoxy microcomposite have been investigated by Fourier transform infrared spectroscopy (FTIR-imaging), temperature-modulated differential scanning calorimeter (TMDSC) and scanning electron microscope (SEM) techniques. The physico-chemical interactions occurring between absorbed water molecules and the network of a tetrafunctional epoxy resin were studied by FTIR-imaging.

Keywords: Glass/epoxy microcomposites, hygrothermal treatment, FTIR-imaging, TMDSC, SEM

*Author for Correspondence E-mail: sanghamitra65@gmail.com, Tel:+ 91-661-2462559
Section Headings

There can be four levels of headings

**LEVEL 1**
- Style – Times new roman (bold). All caps.
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This section has to elaborate on the background to the study/research, and its aims. It should conclude with a brief note on what has been achieved.

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This section should contain a short conclusion text.

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According to majority of nursing personnel, asthma and bronchitis are associated with air pollution. “Asthma and allergy are caused by air pollution” has been mentioned by 99% and 90% of the study subjects in recent years. Many respondents also named lung cancer, TB, and eye problems that are linked to air pollution. However, awareness was poor as far as the spectrum of problems caused by pollution, among nursing staff in the year 2000 as compared to 2011. In the year 2011, the subjects have also associated pneumonia and skin problems with air pollution. Except lung body organs in the past. The knowledge regarding the spectrum of diseases caused by pollution has increased. Awareness regarding asthma and allergy being caused by polluted air seems to have taken precedence over other health problems. It is already proven that environmental pollution is linked with many diseases affecting almost all organs and age groups. There is virtually no major chronic disease to which environmental factors do not contribute, either directly or indirectly. At the same time, this knowledge and better indoor air quality control in hospitals by

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3. O’Leary C. Vitamin C does little to prevent winter cold. *The West Australian*. Forthcoming 2005 Can include date, volume and issue number if provided (Journal article – in press)


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