

Guidelines for the Special Issue

Manuscript submission for the Special Issue “**Design and Computational Modelling for Sustainable Manufacturing**” is now open. The submitted work should be original and should not have been published elsewhere in any form or language (partially or in full). **Only registered papers in ICFAMMT-24 (<https://iitram.in/icfammt24/>) that fit the scope and criteria of the journal and Special Issue will be considered for publication.**

Journal Name: **International Journal on Interactive Design and Manufacturing, Springer (SCI- IF. 2.1)**

Special Issue: Design and Computational Modelling for Sustainable Manufacturing

Guest Editors:

Dr. Mithilesh K. Dikshit (Lead Guest Editor), IITRAM, India

Dr. Kamlesh Joshi, IITRAM, India

Prof. J. Paulo Davim, University of Aveiro, Portugal

Theme of the Special Issue

- Use of design and computation for the development of sustainable machining.
- Advance modelling and design for machining characteristics in sustainable machining.
- Numerical design and CFD analysis of MQL, mist-MQL and cryogenic machining.
- Use of artificial intelligence and machine learning and nanotechnology in sustainable machining.
- Data driven model for tool wear monitoring in sustainable machining.

Topics of interests (not limited to)

- Machinability and sustainability studies of high speed machining.
- Nonconventional machining.
- FEA analysis of various machining performance in conventional and nonconventional machining.
- Sustainability study of various cooling mediums such as MQL, cryogenic cooling, mist-MQL etc. in the machining process.
- Design and development of newer hybrid manufacturing techniques for sustainability.
- Development of novel materials in the field of bioengineering, optics, aerospace, defence, renewable energy, energy storage etc. and their microstructural characterization.

Submission Guidelines

1. Log in to editorial manager, <https://www.editorialmanager.com/ijdm/default2.aspx>
2. Select Article Type
3. Attach Files
4. Provide General Information
5. Select Review Preferences (Select Editor's Name: **Mithilesh Dikshit** or **Kamlesh Joshi**)
6. Additional Information (Are you submitting this manuscript to a Special Issue? Answer **YES**). Select the Special Issue: **S.I. : Design and Computational Modelling for Sustainable Manufacturing (by invitation only)**.
7. Comments
8. Manuscript data
9. Final submission.

For any queries please contact

Dr. Mithilesh K. Dikshit

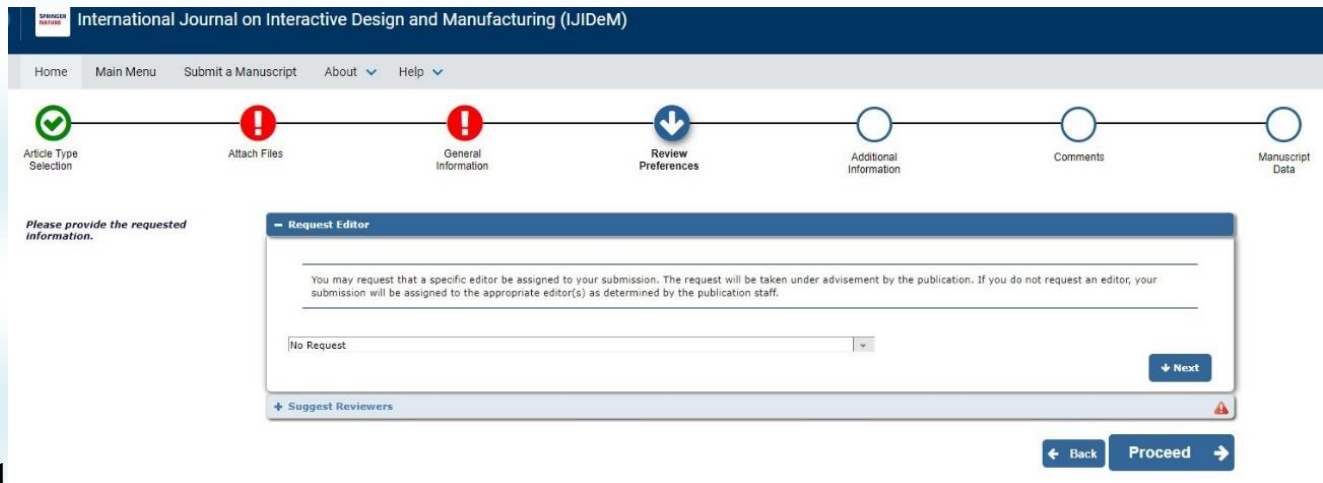
Email: mithileshdikshit@iitram.ac.in

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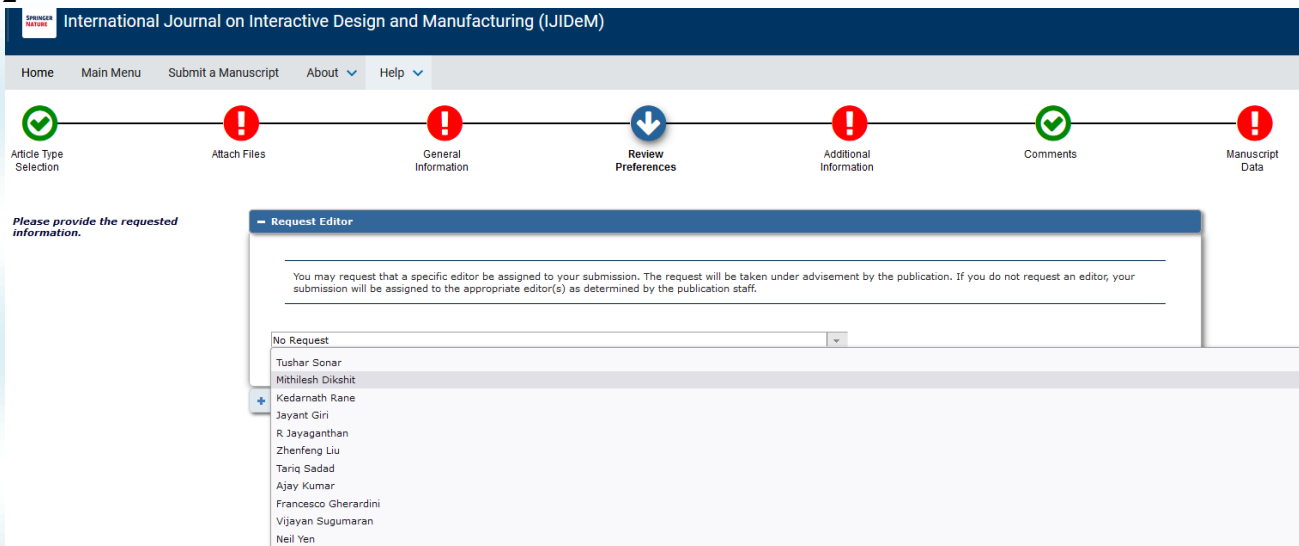
Important Notes:

1. **Steps 5 and 6 are important while submitting the Manuscript. Select the editor name precisely.**
2. **Submission guidelines can be access at <https://www.springer.com/journal/12008/submission-guidelines>**
3. **This journal follows a double-blind reviewing procedure. This means that the author will remain anonymous to the reviewers throughout peer review. It is the responsibility of the author to anonymize the manuscript and any associated materials.**
4. **The manuscript should not be submitted to more than one journal for simultaneous consideration.**
5. **The peer review process for the S.I. is same as the peer review process of the journal in general.**
6. **Submission to the S.I. does not guarantee publication. Final decision will be taken by Editor In-chief of the journal.**
7. **Please send the Manuscript Id after submission to mithileshdikshit@iitram.ac.in and kamleshjoshi@iitram.ac.in.**



Step 1

Step 2



Step 3

