

**LEMBAR**  
**HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW**  
**KARYA ILMIAH : JURNAL ILMIAH**

Judul karya ilmiah : Konsep Desain Rumah Godang Koto Sentajo di Kuantan Singingi  
 Jumlah Penulis : 3 penulis (Septhi Yandri, **Suzanna Ratih Sari**, Agung Budi Sardjono)  
 Status Pengusul : ~~Penulis Pertama~~/Penulis Kedua/~~Penulis Ketiga~~/ ~~Penulis Korespondensi~~  
 Identitas Jurnal Ilmiah : a. Judul Jurnal : MODUL  
 b. Nomor ISSN : 0853-2877  
 c. Vol.,no.,bulan,tahun : Volume 19 Nomor 1 (2019)  
 d. Penerbit : Architecture Department of Engineering Faculty,  
 Universitas Diponegoro dan IAI  
 e. DOI Artikel : 10.14710/mdl.19.1.2019.1-9  
 f. Alamat web jurnal : <https://ejournal.undip.ac.id/index.php/modul/article/view/22219/15203>  
 g. Terindeks di : SINTA 4, GARUDA, COPERNICUS

Kategori Publikasi Jurnal Ilmiah :  Jurnal Ilmiah Internasional /internasional bereputasi  
 (beri ✓ pada kategori yang tepat)  Jurnal Ilmiah Nasional Terakreditasi  
 Jurnal Ilmiah Nasional /Nasional di DOAJ,CABI, COPERNICUS

**Hasil Penilaian Peer Review :**

Komponen Yang Dinilai	Nilai Maksimal Jurnal Ilmiah					Nilai Akhir
	Internasional bereputasi	Internasional	Nasional Terakreditasi	Nasional Tdk Terakreditasi	Nasional Terindeks DOAJ dll	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="20"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a. Kelengkapan unsur isi artikel (10%)			2			1,5
b. Ruang lingkup dan kedalaman pembahasan (30%)			6			6
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)			6			5,75
d. Kelengkapan unsur dan kualitas terbitan/jurnal (30%)			6			5,75
<b>Total = (100%)</b>			<b>20</b>			<b>19</b>
<b>Kontribusi Pengusul (Penulis Kedua)</b>			<b>4 (40%)</b>			<b>3.8</b>

Catatan Penilaian artikel oleh Reviewer:

- Kelengkapan unsur artikel: sebagai penulis ke dua. Unsur artikel lengkap sesuai ketentuan dari jurnal Modul dan kaidah penulisan ilmiah.
- Ruang lingkup dan kedalaman bahasan: terkait dengan ruang dan bentuk pada rumah godang sebagai bangunan adat di Koto Sentajo, Kuantan Singingi.
- Kecukupan/kemutakhiran data dan metodologi: Menggunakan metoda diskriptif kualitatif dari data primer lapangan dan data sekunder dari literatur.
- Kelengkapan unsur dan kualitas terbitan/jurnal: Modul Arsitektur Undip; sinta 3.
- Indikasi plagiasi: Tidak ada indikasi plagiasi (telah diteliti dengan program Turnitin)
- Kesesuaian bidang ilmu: Mengenai arsitektur rumah adat sesuai dengan bidang Arsitektur Pariwisata.

Semarang, 11 November 2020  
 Reviewer I,



Prof. Dr. Ing. Ir. Gagoek Hardiman  
 NIP. 19530819 198303 1 001  
 Departemen Arsitektur UNDIP

**LEMBAR**  
**HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW**  
**KARYA ILMIAH : JURNAL ILMIAH**

Judul karya ilmiah : Konsep Desain Rumah Godang Koto Sentajo di Kuantan Singingi  
 Jumlah Penulis : 3 penulis (Septhi Yandri, **Suzanna Ratih Sari**, Agung Budi Sardjono)  
 Status Pengusul : ~~Penulis Pertama~~/Penulis Kedua/~~Penulis Ketiga~~/~~Penulis Korespondensi~~  
 Identitas Jurnal Ilmiah : a. Judul Jurnal : MODUL  
 b. Nomor ISSN : 0853-2877  
 c. Vol.,no.,bulan,tahun : Volume 19 Nomor 1 (2019)  
 d. Penerbit : Architecture Department of Engineering Faculty, Universitas Diponegoro dan IAI  
 e. DOI Artikel : 10.14710/mdl.19.1.2019.1-9  
 f. Alamat web jurnal : <https://ejournal.undip.ac.id/index.php/modul/article/view/22219/15203>  
 g. Terindeks di : SINTA 4, GARUDA, COPERNICUS

Kategori Publikasi Jurnal Ilmiah :  Jurnal Ilmiah Internasional /internasional bereputasi  
 (beri ✓ pada kategori yang tepat)  Jurnal Ilmiah Nasional Terakreditasi  
 Jurnal Ilmiah Nasional /Nasional di DOAJ,CABI, COPERNICUS

**Hasil Penilaian Peer Review :**

Komponen Yang Dinilai	Nilai Maksimal Jurnal Ilmiah					Nilai Akhir
	Internasional bereputasi	Internasional	Nasional Terakreditasi	Nasional Tdk Terakreditasi	Nasional Terindeks DOAJ dll	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="20"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a. Kelengkapan unsur isi artikel (10%)			2			1
b. Ruang lingkup dan kedalaman pembahasan (30%)			6			4
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)			6			4
d. Kelengkapan unsur dan kualitas terbitan/jurnal (30%)			6			5
<b>Total = (100%)</b>			<b>20</b>			<b>14</b>
<b>Kontribusi Pengusul (Penulis Kedua)</b>			<b>4 (40%)</b>			<b>2,8</b>

Catatan Penilaian artikel oleh Reviewer:

- Kelengkapan unsur artikel: Jurnal ini memiliki kelengkapan I-M-R-A-D. Tidak ada sitasi/studi komparasi dg penelitian sejenis dalam metode, serta tidak ada rekomendasi untuk penelitian berikutnya dalam kesimpulan.
- Ruang lingkup dan kedalaman bahasan: Topik penelitian sesuai konten dan scope jurnal. Hanya dalam analisis, temuan penelitian belum dilakukan dialog dengan temuan pada penelitian sejenis sebelumnya
- Kecukupan/kemutakhiran data dan metodologi: Referensi tentang topik rumah tradisional daerah sangat kurang. Empat dari 8 referensi adalah sumber pustaka yang tidak update (> dari 10 tahun terakhir). Hanya ada 3 jurnal nasional.
- Kelengkapan unsur dan kualitas terbitan/jurnal: Modul, ISSN: 0853-2877, terindeks Sinta 4, dengan penerbit yang cukup baik.
- Indikasi plagiasi: tulisan ini tidak memiliki kecenderungan unsur plagiasi (18%)
- Kesesuaian bidang ilmu: Bidang ilmu pengusul terlihat dominan dalam artikel yang diusulkan, yaitu rumah tradisional sebagai bagian unsur Arsitektur pariwisata

Semarang, 25 November 2020  
 Reviewer II,



Prof. Dr. Ir. Erni Setyowati, MT  
 NIP. 19670404199802 2 001  
 Departemen Arsitektur UNDIP

**LEMBAR**  
**HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW**  
**KARYA ILMIAH : JURNAL ILMIAH**

Judul karya ilmiah : Konsep Desain Rumah Godang Koto Sentajo di Kuantan Singingi  
 Jumlah Penulis : 3 penulis (Septhi Yandri, **Suzanna Ratih Sari**, Agung Budi Sardjono)  
 Status Pengusul : ~~Penulis Pertama~~/Penulis Kedua/~~Penulis Ketiga~~/ ~~Penulis Korespondensi~~  
 Identitas Jurnal Ilmiah : a. Judul Jurnal : MODUL  
 b. Nomor ISSN : 0853-2877  
 c. Vol.,no.,bulan,tahun : Volume 19 Nomor 1 (2019)  
 d. Penerbit : Architecture Department of Engineering Faculty,  
 Universitas Diponegoro dan IAI  
 e. DOI Artikel : 10.14710/mdl.19.1.2019.1-9  
 f. Alamat web jurnal : <https://ejournal.undip.ac.id/index.php/modul/article/view/22219/15203>  
 g. Terindeks di : SINTA 4, GARUDA, COPERNICUS

Kategori Publikasi Jurnal Ilmiah :  Jurnal Ilmiah Internasional /internasional bereputasi  
 (beri ✓ pada kategori yang tepat)  Jurnal Ilmiah Nasional Terakreditasi  
 Jurnal Ilmiah Nasional /Nasional di DOAJ,CABI, COPERNICUS

**Hasil Penilaian Peer Review :**

Komponen Yang Dinilai	Nilai Reviewer		Nilai Rata-rata
	Reviewer I	Reviewer II	
a. Kelengkapan unsur isi artikel (10%)	1,5	1	1.25
b. Ruang lingkup dan kedalaman pembahasan (30%)	6	4	5
c. Kecukupan dan kemutakhiran data/ informasi dan metodologi (30%)	5,75	4	4.875
d. Kelengkapan unsur dan kualitas terbitan/jurnal (30%)	5,75	5	5.375
<b>Total = 20 (100%)</b>	<b>19</b>	<b>14</b>	<b>16.5</b>
<b>Nilai Pengusul (40%)</b>	<b>3.8</b>	<b>2.8</b>	<b>3.3</b>

Reviewer I



Prof. Dr. Ing. Ir. Gagoek Hardiman  
 NIP. 19530819 198303 1 001  
 Departemen Arsitektur UNDIP

Semarang, 25 November 2020

Reviewer II



Prof. Dr. Ir. Erni Setyowati, MT  
 NIP. 19670404199802 2 001  
 Departemen Arsitektur UNDIP

**LEMBAR**  
**HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW**  
**KARYA ILMIAH : JURNAL ILMIAH**

Judul karya ilmiah : Konsep Desain Rumah Godang Koto Sentajo di Kuantan Singingi  
 Jumlah Penulis : 3 penulis (Septri Yandri, **Suzanna Ratih Sari**, Agung Budi Sardjono)  
 Status Pengusul : ~~Penulis Pertama~~/Penulis Kedua/~~Penulis Ketiga~~/ ~~Penulis Korespondensi~~  
 Identitas Jurnal Ilmiah : a. Judul Jurnal : MODUL  
 b. Nomor ISSN : 0853-2877  
 c. Vol.,no.,bulan,tahun : Volume 19 Nomor 1 (2019)  
 d. Penerbit : Architecture Department of Engineering Faculty,  
 Universitas Diponegoro dan IAI  
 e. DOI Artikel : 10.14710/mdl.19.1.2019.1-9  
 f. Alamat web jurnal : <https://ejournal.undip.ac.id/index.php/modul/article/view/22219/15203>  
 g. Terindeks di : SINTA 4, GARUDA, COPERNICUS

Kategori Publikasi Jurnal Ilmiah :  Jurnal Ilmiah Internasional /internasional bereputasi  
 (beri ✓ pada kategori yang tepat)  Jurnal Ilmiah Nasional Terakreditasi  
 Jurnal Ilmiah Nasional /Nasional di DOAJ,CABI, COPERNICUS

**Hasil Penilaian Peer Review :**

Komponen Yang Dinilai	Nilai Maksimal Jurnal Ilmiah					Nilai Akhir
	Internasional bereputasi	Internasional	Nasional Terakreditasi	Nasional Tdk Terakreditasi	Nasional Terindeks DOAJ dll	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="20"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a. Kelengkapan unsur isi artikel (10%)			2			1.25
b. Ruang lingkup dan kedalaman pembahasan (30%)			6			5
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)			6			4.875
d. Kelengkapan unsur dan kualitas terbitan/jurnal (30%)			6			5.375
<b>Total = (100%)</b>			<b>20</b>			<b>16.5</b>
<b>Kontribusi Pengusul (Penulis Kedua)</b>			<b>4 (40%)</b>			<b>3.3</b>

Reviewer I



Prof. Dr. Ing. Ir. Gagoek Hardiman  
 NIP. 19530819 198303 1 001  
 Departemen Arsitektur UNDIP

Semarang, 25 November 2020

Reviewer II



Prof. Dr. Ir. Erni Setyowati, MT  
 NIP. 19670404199802 2 001  
 Departemen Arsitektur UNDIP

# MODUL



MODUL  
ISSN : 0853-2877

DITERBITKAN KERJASAMA  
JURUSAN ARSITEKTUR FAKULTAS TEKNIK UNIVERSITAS DIPONEGORO  
DENGAN

IKATAN ARSITEK INDONESIA (IAI) JAWA TENGAH

JURUSAN ARSITEKTUR  
FAKULTAS TEKNIK  
Universitas Diponegoro



IKATAN ARSITEK INDONESIA  
Jawa Tengah

MODUL	Volume 19	Nomor 1	Halaman 01-61	Semarang Januari-Juni 2019	ISSN-P 0853-2877	e-ISSN 2598-327X
-------	-----------	---------	---------------	-------------------------------	---------------------	---------------------

## Table of Contents

---

### Articles

#### **KONSEP RUANG DAN BENTUK RUMAH GODANG KOTO SENTAJO DI KUANTAN SINGINGI**

1

Sepli Yandri, Suzanna Ratih Sari, Agung Budi Sardjono  
Views: **285** | Language: **ID** | DOI: [10.14710/mdl.19.1.2019.1-9](https://doi.org/10.14710/mdl.19.1.2019.1-9)  
Received: 28 Feb 2019; Published: 29 May 2019.

1-9

#### **SISTEM WAYFINDING MALL DI SEMARANG**

2

Brigita Theora Mega Kusumasari, Bangun IR Harsritanto  
Views: **183** | Language: **EN** | DOI: [10.14710/mdl.19.1.2019.10-14](https://doi.org/10.14710/mdl.19.1.2019.10-14)  
Received: 7 Dec 2018; Published: 29 May 2019.

10-14

#### **BRIEF OF BUILDING INFORMATION MODELLING FOR INDONESIAN ARCHITECTURE**

3

Bangun IR Harsritanto, Gentina Pratama Putra, Rona Fika Jamila  
Views: **230** | Language: **EN** | DOI: [10.14710/mdl.19.1.2019.15-18](https://doi.org/10.14710/mdl.19.1.2019.15-18)  
Received: 22 Nov 2018; Published: 29 May 2019.

15-18

#### **KONTEKSTUAL LOKASI TAPAK PADA KECAMATAN SRUMBUNG MAGELANG**

4

Anis Rochma Harani, Eddy Indarto, Muhammad Najieb Sholih  
Views: **216** | Language: **EN** | DOI: [10.14710/mdl.19.1.2019.19-24](https://doi.org/10.14710/mdl.19.1.2019.19-24)  
Received: 8 May 2019; Published: 29 May 2019.

19-24

#### **EVALUATION ON SUMBER SENENG NATURAL PARK, REMBANG AS TOURISM OBJECT USING ADO-ODTWA ANALYSIS**

5

Anityas Dian Susanti, Mutiawati Mandaka  
Views: **164** | Language: **ID** | DOI: [10.14710/mdl.19.1.2019.25-32](https://doi.org/10.14710/mdl.19.1.2019.25-32)  
Received: 25 Mar 2019; Published: 29 May 2019.

25-32

#### **PERSEPSI KENYAMANAN PARA PENGHUNI ASRAMA POLISI DI LEMBAGA PENDIDIKAN DAN PELATIHAN KEPOLISIAN REPUBLIK INDONESIA – AKADEMI KEPOLISIAN**

6

Varian Dedy Hartawan, Erni Setyowati, Atik Suprpti  
Views: **263** | Language: **ID** | DOI: [10.14710/mdl.19.1.2019.33-49](https://doi.org/10.14710/mdl.19.1.2019.33-49)  
Received: 2 May 2019; Published: 29 May 2019.

33-49

#### **EVALUATION OF LIFE SAFETY TECHNICAL FACILITIES FROM FIRE ON APARTEMENT**

7

Yemima Sahmura Vividia, Bangun IR Harsritanto  
Views: **206** | Language: **EN** | DOI: [10.14710/mdl.19.1.2019.50-54](https://doi.org/10.14710/mdl.19.1.2019.50-54)  
Received: 22 May 2019; Published: 29 May 2019.

50-54

#### **OPTIMASI PENEMPATAN TRANSPORTASI VERTIKAL PADA BANGUNAN RUMAH SAKIT (Studi Kasus: Rumah Sakit Bhakti Asih Brebes)**

Sri Hartuti Wahyuningrum, Hermin Werdiningsih, Mustika Kusumaning Wardhani  
Views: **203** | Language: **ID** | DOI: [10.14710/mdl.19.1.2019.55-61](https://doi.org/10.14710/mdl.19.1.2019.55-61)  
Received: 22 May 2019; Published: 29 May 2019.

# Editorial Policies

## Focus and Scope

MODUL ( ISSN-P: 0853-2877, e-ISSN: 2598-327X) is an architecture scientific journal publication in coloboration of Department of Architecture in Engineering Faculty at Diponegoro University with Indonesia Architect Association (IAI) region Central Java. MODUL is a scientific publication and communication media of

- architecture design,
- human settlement,
- building construction,
- history of architecture,
- environmental design and
- building sciences.
- architecture education
- material and behaviour in architecture

### Editorial Policies

[Focus and Scope](#)

[Section Policies](#)

[Peer Review Process / Policy.](#)

[Publication Frequency.](#)

[Open Access Policy.](#)

[Archiving](#)

[Publication Ethics](#)

[Indexing Journal](#)

[Publication Fee](#)

[Plagiarism Screening](#)

[Crossmark on Modul](#)

## Section Policies

### Articles

Open Submissions

Indexed

Peer Reviewed

### editorial

Open Submissions

Indexed

Peer Reviewed

### book review

Open Submissions

Indexed

Peer Reviewed

### event report

Open Submissions

Indexed

Peer Reviewed

## Peer Review Process / Policy

The plagiarism screening would be performed by googlescholar filter and similarity check by turnitin software. Depending on the level of originality and similarities with other documents, the editor will decide on whether to immediately reject the articles, contact authors for further clarifications, or to proceed to the peer-review process.

The Articles which submitted to MODUL will be reviewed at least by 2 (two) reviewers

The method of reviewing is double blind review

The Accepted articles will be published by editor in chief after editorial board examination based on peer reviewers suggestion

Authors will be informed on the decision on their manuscript(s) within 1-2 month of submission following the statuses of their articles.

MODUL have no submission charges and no Article Publication Charges (no APC)

---

## Publication Frequency

MODUL is issued twice a year

the volume indicates the year

number indicates the semester

the call for paper periods are January-June and July-December

---

## Open Access Policy

This journal provides immediate open access to its content on the principle that making research freely available to the public supports a greater global exchange of knowledge.

readers are allowed read, download, copy, distribute, print, search, or link to the full texts of its articles and allow readers to use them for any other lawful purpose

this journal allows **reuse and remixing of content** in accordance with a CC BY (Creative Common-Attribution)

---

## Archiving



This journal utilizes the LOCKSS system to create a distributed archiving system among participating libraries and permits those libraries to create permanent archives of the journal for purposes of preservation and restoration. [More...](#)

## Publication Ethics

# Publication Ethics and Malpractice Statement

**Jurnal MODUL** (ISSN-P 0852-1697, e-ISSN 2598-327X) is a open access peer-reviewed journal published by Faculty of Engineering, Diponegoro University. This statement clarifies ethical behaviour of all parties involved in the act of publishing an article in this journal, including the author, the chief editor, the Editorial Board, the peer-reviewer and the publisher. This statement is based on COPE's Best Practice Guidelines for Journal Editors.

### Ethical Guideline for Journal Publication

The publication of an article in a open access peer-reviewed MODUL journal is an essential building block in the development of a coherent and respected network of knowledge. It is a direct reflection of the quality of the work of the authors and the institutions that support them. Peer-reviewed articles support and embody the scientific method. It is therefore important to agree upon standards of expected ethical behavior for all parties involved in the act of publishing: the author, the journal editor, the peer reviewer, the publisher and the society.

*Architecture Department of Engineering Faculty, Universitas Diponegoro* as publisher of MODUL journal takes its duties of guardianship over all stages of publishing extremely seriously and we recognize our ethical and other responsibilities. We are committed to ensuring that advertising, reprint or other commercial revenue has no impact or influence on editorial decisions. In addition, the *Architecture Department of Engineering Faculty, Universitas Diponegoro* and Editorial Board will assist in communications with other journals and/or publishers where this is useful and necessary.

### Publication decisions

The editor of the MODUL journal is responsible for deciding which of the articles submitted to the journal should be published. The validation of the work in question and its importance to researchers and readers must always drive such decisions. The editors may be guided by the policies of the journal's editorial board and constrained by such legal requirements as shall then be in force regarding libel, copyright infringement and plagiarism. The editors may confer with other editors or reviewers in making this decision.

MODUL is open access journal that give everyone's right to "read, download, copy, distribute, print, search, or link to the full texts of articles"

### Fair play

An editor at any time evaluate manuscripts for their intellectual content without regard to race, gender, sexual orientation, religious belief, ethnic origin, citizenship, or political philosophy of the authors.

### Confidentiality

The editor and any editorial staff must not disclose any information about a submitted manuscript to anyone other than the corresponding author, reviewers, potential reviewers, other editorial advisers, and the publisher, as appropriate.

## **Disclosure and conflicts of interest**

Unpublished materials disclosed in a submitted manuscript must not be used in an editor's own research without the express written consent of the author.

## **Duties of Reviewers**

### Contribution to Editorial Decisions

Peer review assists the editor in making editorial decisions and through the editorial communications with the author may also assist the author in improving the paper.

### Promptness

Any selected referee who feels unqualified to review the research reported in a manuscript or knows that its prompt review will be impossible should notify the editor and excuse himself from the review process not last

### Confidentiality

Any manuscripts received for review must be treated as confidential documents. They must not be shown to or discussed with others except as authorized by the editor.

### Standards of Objectivity

Reviews should be conducted objectively. Personal criticism of the author is inappropriate. Referees should express their views clearly with supporting arguments.

### Acknowledgement of Sources

Reviewers should identify relevant published work that has not been cited by the authors. Any statement that an observation, derivation, or argument had been previously reported should be accompanied by the relevant citation. A reviewer should also call to the editor's attention any substantial similarity or overlap between the manuscript under consideration and any other published paper of which they have personal knowledge.

### Disclosure and Conflict of Interest

Privileged information or ideas obtained through peer review must be kept confidential and not used for personal advantage. Reviewers should not consider manuscripts in which they have conflicts of interest resulting from competitive, collaborative, or other relationships or connections with any of the authors, companies, or institutions connected to the papers.

## **Duties of Authors**

### Reporting standards

Authors of reports of original research should present an accurate account of the work performed as well as an objective discussion of its significance. Underlying data should be represented accurately in the paper. A paper should contain sufficient detail and references to permit others to replicate the work. Fraudulent or knowingly inaccurate statements constitute unethical behaviour and are unacceptable.

### Data Access and Retention

Authors are asked to provide the raw data in connection with a paper for editorial review, and should be prepared to provide public access to such data (consistent with the ALPSP-STM Statement on Data and Databases), if practicable, and should in any event be prepared to retain such data for a reasonable time after publication.

### Originality and Plagiarism

The authors should ensure that they have written entirely original works, and if the authors have used the work and/or words of others that this has been appropriately cited or quoted.

### Multiple, Redundant or Concurrent Publication

An author should not in general publish manuscripts describing essentially the same research in more than one journal or primary publication. Submitting the same manuscript to more than one journal concurrently constitutes unethical publishing behaviour and is unacceptable.

### Acknowledgement of Sources

Proper acknowledgment of the work of others must always be given. Authors should cite publications that have been influential in determining the nature of the reported work.

### Authorship of the Paper

Authorship should be limited to those who have made a significant contribution to the conception, design, execution, or interpretation of the reported study. All those who have made significant contributions should be listed as co-authors. Where there are others who have participated in certain substantive aspects of the research project, they should be acknowledged or listed as contributors. The corresponding author should ensure that all appropriate co-authors and no inappropriate co-authors are included on the paper, and that all co-authors have seen and approved the final version of the paper and have agreed to its submission for publication.

### Hazards and Human or Animal Subjects

If the work involves chemicals, procedures or equipment that have any unusual hazards inherent in their use, the author must clearly identify these in the manuscript.

### Disclosure and Conflicts of Interest

All authors should disclose in their manuscript any financial or other substantive conflict of interest that might be construed to influence the results or interpretation of their manuscript. All sources of financial support for the project should be disclosed.

### Fundamental errors in published works

When an author discovers a significant error or inaccuracy in his/her own published work, it is the author's obligation to promptly notify the journal editor or publisher and cooperate with the editor to retract or correct the paper.

## Indexing Journal

1. *Google Scholar*
2. *Scientific Literature*
3. *portal garuda*
4. *neliti*
5. *microsoft academic*
6. *sinta*
7. *dimension*
8. *index copernicus international*

## Publication Fee

MODUL has no submission charges

MODUL does not have Article Publication Charges (no APC)

therefore MODUL have no waiver policy

in conclusion : FREE OF CHARGE for Submitting, Processing, and Publishing the Article in MODUL

## Plagiarism Screening

The plagiarism screening would be performed by googlescholar filter and similarity check by turnitin software. Depending on the level of originality and similarities with other documents, the editor will decide on whether to immediately reject the articles, contact authors for further clarifications, or to proceed to the peer-review process.

## Crossmark on Modul

Applying the CrossMark icon is a commitment by MODUL to maintain the content published and alert readers to changes if and when they occur.

What is Crossmark?

**CrossMark**, a multi-publisher initiative from **CrossRef**, provides a standard way for readers to locate the authoritative version of a document. Jurnal Teknologi dan Sistem Komputer recognizes the importance of the integrity and completeness of the scholarly record to researchers and librarians and attaches the highest importance to maintaining trust in the authority of its electronic archive. Clicking on the CrossMark icon will inform the reader of the current status of a document and may also provide additional publication record information about the document.

# Editorial Team

## Editor in Chief

**Sukawi Sukawi** (ScopusID: [57200299165](#))

Architecture Departement, Universitas Diponegoro, Indonesia

---

## co Editor in Chief

**Bangun IRH** (ScopusID: [57200289902](#))

 Architecture Department, Universitas Diponegoro, Indonesia

---


## International Editorial Board

**Agung Budi Sardjono** (ScopusID: [57200289702](#))

Architecture Department, Universitas Diponegoro, Indonesia

---

**Arnis Rochma Harani** (ScopusID: [57188988037](#))

 Architecture Departement, Faculty Engineering, Universitas Indonesia, Indonesia

---

**Kezia Eka Sari Dewi** (ScopusID: [57193853368](#))

Department of Architecture, Urbanism and Planning, Katholieke Universiteit Leuven, Belgium


---

**Muhammad Ismail Hasan** (ScopusID: [57208111217](#))

Departemen of Architecture, Faculty of Built Environment, University of Malaya, Malaysia

---

**Ratih Widiastuti** (ScopusID: [57200295303](#))

 System Engineering, faculty of integrated technology, Universiti Brunei Darussalam, Brunei Darussalam

---

**Rona Fika Jamila** (ScopusID: [57205445482](#))

Architecture Department, Mercu Buana University, Indonesia

---

**Wulani Enggar Sari** (ScopusID: [57205445514](#))

Architecture Department, Universitas Katolik Parahyangan, Indonesia

---

# Editorial Policies

## Focus and Scope

MODUL ( ISSN-P: 0853-2877, e-ISSN: 2598-327X) is an architecture scientific journal publication in collaboration of Department of Architecture in Engineering Faculty at Diponegoro University with Indonesia Architect Association (IAI) region Central Java. MODUL is a scientific publication and communication media of

- architecture design,
- human settlement,
- building construction,
- history of architecture,
- environmental design and
- building sciences.
- architecture education
- material and behaviour in architecture

### Editorial Policies

#### [Focus and Scope](#)

#### [Section Policies](#)

#### [Peer Review Process / Policy](#)

#### [Publication Frequency](#)

#### [Open Access Policy](#)

#### [Archiving](#)

#### [Publication Ethics](#)

#### [Indexing Journal](#)

#### [Publication Fee](#)

#### [Plagiarism Screening](#)

## Section Policies

### Articles

Open Submissions

Indexed

Peer Reviewed

## Peer Review Process / Policy

The plagiarism screening would be performed by googlescholar filter and similarity check by turnitin software. Depending on the level of originality and similarities with other documents, the editor will decide on whether to immediately reject the articles, contact authors for further clarifications, or to proceed to the peer-review process.

The Articles which submitted to MODUL will be reviewed at least by 2 (two) reviewers

The method of reviewing is double blind review

The Accepted articles will be published by editor in chief after editorial board examination based on peer reviewers suggestion

Authors will be informed on the decision on their manuscript(s) within 1-2 month of submission following the statuses of their articles.

MODUL have no submission charges and no Article Publication Charges (no APC)

## Publication Frequency

MODUL is issued twice a year

the volume indicates the year

number indicates the semester

the call for paper periods are January-June and July-December

## Open Access Policy

This journal provides immediate open access to its content on the principle that making research freely available to the public supports a greater global exchange of knowledge.

readers are allowed read, download, copy, distribute, print, search, or link to the full texts of its articles and allow readers to use them for any other lawful purpose

this journal allows **reuse and remixing of content** in accordance with a CC BY (Creative Common-Attribution)

## Archiving

This journal utilizes the LOCKSS system to create a distributed archiving system among participating libraries and permits those libraries to create permanent archives of the journal for purposes of preservation and restoration. **More...**

## Publication Ethics

# Publication Ethics and Malpractice Statement

Jurnal MODUL (ISSN-P 0852-1697, e-ISSN 2598-327X) is a open access peer-reviewed journal published by Faculty of Engineering, Diponegoro University. This statement clarifies ethical behaviour of all parties involved in the act of publishing an article in this journal, including

the author, the chief editor, the Editorial Board, the peer-reviewer and the publisher. This statement is based on COPE's Best Practice Guidelines for Journal Editors.

## Ethical Guideline for Journal Publication

The publication of an article in a open access peer-reviewed MODUL journal is an essential building block in the development of a coherent and respected network of knowledge. It is a direct reflection of the quality of the work of the authors and the institutions that support them. Peer-reviewed articles support and embody the scientific method. It is therefore important to agree upon standards of expected ethical behavior for all parties involved in the act of publishing: the author, the journal editor, the peer reviewer, the publisher and the society.

*Architecture Department of Engineering Faculty, Universitas Diponegoro* as publisher of MODUL journal takes its duties of guardianship over all stages of publishing extremely seriously and we recognize our ethical and other responsibilities. We are committed to ensuring that advertising, reprint or other commercial revenue has no impact or influence on editorial decisions. In addition, the *Architecture Department of Engineering Faculty, Universitas Diponegoro* and Editorial Board will assist in communications with other journals and/or publishers where this is useful and necessary.

## Publication decisions

The editor of the MODUL journal is responsible for deciding which of the articles submitted to the journal should be published. The validation of the work in question and its importance to researchers and readers must always drive such decisions. The editors may be guided by the policies of the journal's editorial board and constrained by such legal requirements as shall then be in force regarding libel, copyright infringement and plagiarism. The editors may confer with other editors or reviewers in making this decision.

MODUL is open access journal that give everyone's right to "read, download, copy, distribute, print, search, or link to the full texts of articles"

## Fair play

An editor at any time evaluate manuscripts for their intellectual content without regard to race, gender, sexual orientation, religious belief, ethnic origin, citizenship, or political philosophy of the authors.

## Confidentiality

The editor and any editorial staff must not disclose any information about a submitted manuscript to anyone other than the corresponding author, reviewers, potential reviewers, other editorial advisers, and the publisher, as appropriate.

## Disclosure and conflicts of interest

Unpublished materials disclosed in a submitted manuscript must not be used in an editor's own research without the express written consent of the author.

## Duties of Reviewers

Contribution to Editorial Decisions

Peer review assists the editor in making editorial decisions and through the editorial communications with the author may also assist the author in improving the paper.

Promptness

Any selected referee who feels unqualified to review the research reported in a manuscript or knows that its prompt review will be impossible should notify the editor and excuse himself from the review process not last

Confidentiality



Any manuscripts received for review must be treated as confidential documents. They must not be shown to or discussed with others except as authorized by the editor.

#### Standards of Objectivity

Reviews should be conducted objectively. Personal criticism of the author is inappropriate. Referees should express their views clearly with supporting arguments.

#### Acknowledgement of Sources

Reviewers should identify relevant published work that has not been cited by the authors. Any statement that an observation, derivation, or argument had been previously reported should be accompanied by the relevant citation. A reviewer should also call to the editor's attention any substantial similarity or overlap between the manuscript under consideration and any other published paper of which they have personal knowledge.

#### Disclosure and Conflict of Interest

Privileged information or ideas obtained through peer review must be kept confidential and not used for personal advantage. Reviewers should not consider manuscripts in which they have conflicts of interest resulting from competitive, collaborative, or other relationships or connections with any of the authors, companies, or institutions connected to the papers.

## **Duties of Authors**

#### Reporting standards

Authors of reports of original research should present an accurate account of the work performed as well as an objective discussion of its significance. Underlying data should be represented accurately in the paper. A paper should contain sufficient detail and references to permit others to replicate the work. Fraudulent or knowingly inaccurate statements constitute unethical behaviour and are unacceptable.

#### Data Access and Retention

Authors are asked to provide the raw data in connection with a paper for editorial review, and should be prepared to provide public access to such data (consistent with the ALPSP-STM Statement on Data and Databases), if practicable, and should in any event be prepared to retain such data for a reasonable time after publication.

#### Originality and Plagiarism

The authors should ensure that they have written entirely original works, and if the authors have used the work and/or words of others that this has been appropriately cited or quoted.

#### Multiple, Redundant or Concurrent Publication

An author should not in general publish manuscripts describing essentially the same research in more than one journal or primary publication. Submitting the same manuscript to more than one journal concurrently constitutes unethical publishing behaviour and is unacceptable.

#### Acknowledgement of Sources

Proper acknowledgment of the work of others must always be given. Authors should cite publications that have been influential in determining the nature of the reported work.

#### Authorship of the Paper

Authorship should be limited to those who have made a significant contribution to the conception, design, execution, or interpretation of the reported study. All those who have made significant contributions should be listed as co-authors. Where there are others who have participated in certain substantive aspects of the research project, they should be acknowledged or listed as contributors. The corresponding author should ensure that all appropriate co-authors and no inappropriate co-authors are included on the paper, and that all co-authors have seen and approved the final version of the paper and have agreed to its submission for publication.

#### Hazards and Human or Animal Subjects

If the work involves chemicals, procedures or equipment that have any unusual hazards inherent in their use, the author must clearly identify these in the manuscript.

#### Disclosure and Conflicts of Interest

All authors should disclose in their manuscript any financial or other substantive conflict of interest that might be construed to influence the results or interpretation of their manuscript. All sources of financial support for the project should be disclosed.

Fundamental errors in published works

When an author discovers a significant error or inaccuracy in his/her own published work, it is the author's obligation to promptly notify the journal editor or publisher and cooperate with the editor to retract or correct the paper.

## Indexing Journal

1. *Google Scholar*
2. *Scientific Literature*
3. *portal garuda*
4. *neliti*
5. *microsoft academic*
6. *sinta*
7. *dimension*
8. *index copernicus international*

## Publication Fee

MODUL has no submission charges

MODUL does not have Article Publication Charges (no APC)

therefore MODUL have no waiver policy

in conclusion : FREE OF CHARGE for Submitting, Processing, and Publishing the Article in MODUL

## Plagiarism Screening

The plagiarism screening would be performed by googlescholar filter and similarity check by turnitin software. Depending on the level of originality and similarities with other documents, the editor will decide on whether to immediately reject the articles, contact authors for further clarifications, or to proceed to the peer-review process.



## Journal Profile

## Modul

eISSN : 2598327X | pISSN :

Humanities Art Engineering

Universitas Diponegoro



S4

Sinta Score



GARUDA

Indexed by GARUDA

6

H-Index

6

H5-Index

187

Citations

172

5 Year Citations



Penerbit:

Universitas Diponegoro

Website | Editor URL

Address:

Departemen Arsitektur FT. UNDIP Jl.  
Prof. Soedarto, SH Kampus  
Tembalang Semarang Indonesia  
50275 Telp. (024) 7470690 Fax. (024)  
7470690  
Semarang

Email:

modulundip@yahoo.com

2016

2017

2018

2019



sinta Accreditations

## Citation Statistics



Search..



1

2

3

4

5



Page 1 of 24 | Total Records : 234

## Publications

Citation

Kajian Pengelolaan Sampah Kampus Jurusan Arsitektur Fakultas Teknik Universitas Diponegoro  
A Fadhillah, H Sugianto, K Hadi, SW Firmandhani, TW Murtini, ...  
Modul 11 (2)

49

Kajian Penggunaan Tanaman Sebagai Alternatif Pagar Rumah  
H Werdiningsih

22


# International Peer-Reviewers

**Bambang Setioko** (ScopusID: [57194497049](#))  
Architecture Department, Universitas Diponegoro, Indonesia

---

**Bintang Noor Prabowo** (ScopusID: [57209244036](#))  
Norges Teknisk-Naturvitenskapelige Universitet, Norway


---

**Chely Novia Bramiana** (ScopusID: [57192436876](#))  
 Architecture Department, University of Malaya, Malaysia


---

**Eddy Prianto** (ScopusID: [6505816806](#))  
Architecture Department, Universitas Diponegoro, Indonesia

---

**Edy Darmawan** (ScopusID: [57191242837](#))  
 Architecture Department, Universitas Diponegoro, Indonesia

---

**Erni Setyowati** (ScopusID: [55898733100](#))  
 Architecture Departemen, Universitas Diponegoro, Indonesia


---

**Gentina Pratama Putra** (ScopusID: [57208263098](#))  
Architecture Department, Universitas Mercu Buana, Indonesia

---

**Hana Faza Surya Rusyda** (ScopusID: [57209617765](#))  
Universitas Telkom, Indonesia


---

**Kristanti Dewi Paramita** (ScopusID: [55961952500](#))  
 Architecture Department. Faculty of Engineering, Universitas Indonesia, Indonesia

---

**Masyiana Arifah Alfia Riza** (ScopusID: [57205432630](#))  
Architecture Department, Universitas Diponegoro, Indonesia

---

**Mustika Kusumaning Wardhani** (ScopusID: [57205433058](#))  
 Research Organization of Open Innovation and Collaboration, Ritsumeikan University, Japan

---

**Tia Hetwisari** (ScopusID: [57193360916](#))  
Directorate General of Human Settlement Ministry of Public Works, Indonesi

---

# Author Guidelines

## PAPER TITLE

Author1) name N family name2\*)

1)Departemen Arsitektur, Fakultas Teknik, Universitas Diponegoro, (10pt Normal Italic) affiliation 1

2) Jl. Medan Merdeka Barat no.1 Jakarta Pusat (10pt Normal Italic)affiliation 2

\*)Corresponding author email : [modulundip@gmail.com](mailto:modulundip@gmail.com)

### Abstract

*this part tells your research reasons, backgrounds, urgency and maybe originality. It also consists of your why you do the research (research purpose), when-where-how you do your research (research methods), and what you got from this research (research results) so the viewers have brief idea about your fulltext version. Around 100-300 words were more preferable to explain your paper in this part. Try to avoid less important quotation since this your paper outlook. Iwull repeat this again to reach atleast 100 words. this part tells your research reasons, backgrounds, urgency and maybe originality. It also consists of your why you do the research (research purpose), when-where-how you do your research (research methods), and what you got from this research (research results) so the viewers have brief idea about your fulltext version. Around 100-300 words were more preferable to explain your paper in this part. Try to avoid less important quotation since this your paper outlook.*

**Keywords:** phrase; word; identify; your; paper

## Introduction

MODUL (ISSN-P: 0853-2877, e-ISSN : 2598-327X) <http://ejournal.undip.ac.id/index.php/modul> ais an architecture scientific journal publication in coloboration of Department of Architecture in Engineering Faculty at Diponegoro University with Indonesia Architect Association (IAI) region Central Java. MODUL is a scientific publication and communication media of architecture design, human settlement, building construction, history of architecture, environmental design and building sciences..

This introduction shows the research's backgrounds, purpose and goals, previous works (Sukawi et all, 2003; Bangun et all, 2009) with updated knowledge (sukawi, 2015) and latest citations (Indrakusumo & Sukawi, 2016) to strenghten the articles's urgency and originality. Your article will be reviewed by at least two double blind peer-reviewers to surpass the publication screening since 2003.

## Titles, Author's Name and Address

Article title, authors' name (without academic degree) and author address/affiliation must be written centered in first page as title-author name-address consecutively. The vertical space between title and author name is 2pt and space between author address and abstract is 1pt. The keyword must be in 3~5 words and written after the abstract in italic, in alphabetical order with comma (,).

Corresponding Author marked by asterisk followed by comma "\*" as written on example. Corresponding author must put on his/her email address to support communication with editors.

Multiple authors must be separated by comma and never shorten the name of more than 2 syllables author's name for metadata indexing, eg: Riskiyanto & Harini, 2015; Prabowo, 2012)

## Article writing guideline

The article must be formatted as follow (in MS Word .doc) before being submit to :

1. E-mail through MODUL email addresss (modulundip@yahoo.com/modulundip@gmail.com)
2. Online Submission System at Modul E-Journal portal (<http://ejournal.undip.ac.id/index.php/modul>) after author had signup at "register" .

Article writing guide and template can be downloaded on :

- Template in MS Word(.doc) : <https://bangunirh.files.wordpress.com/2018/08/modul-template-since-2018.doc>

Further articles online submission can be read on online submission guideline. Articles which not follow the journal format will be returned to the author before continue to review process

The Articles shall follow the scientific paper formats, such : (a) title (b) author (c) affiliation (address) (d) abstract and keyword (e) introduction/opening (f) research contents which may consist of many writing style of f (f)literature study (f)material and method (f) analysis or explanation (f) result and discussion (g) conclusion/closing (i) acknowledgement (optional) (j) reference

Subtitle writing on each articles chapter must been wrote in arabic number format start from one, in BOLD and Title Case format, left aligned without underline. Sub-Subtitle must been wrote in BOLD, sentence case format, left aligned, and level 2 format writing.

Articles must be written in Bahasa Indonesia or English, maximum 10 pages included images and tables. The Articles must be followed the journal template and ready to print. The paper size is A4 (210x297mm) using margin left 25mm, right 20mm, bottom 20mm, top 30mm. The article body's font is Times New Roman 10 pt, spacing 1 pt, two columns format and line spacing 10mm.

Scientific or foreign words wrote in italic. Eventhough try to avoid using foreign words in writing. New paragraph formats are 10mm from left and no space between paragraph. All number must be written in arabic number, except in beginning of the sentences.

Tables and Figures must be put under/after the mentioned text. Every figures, tables, diagrams and equations must be titled below the object and numbered in order. The Figures must be readable (font sizes, resolutions, etc). Figures and Tables shall be put on text column or in the middle of the pages according to the size. Table use only horizontal borders but no vertical border.

## Special Guide for article's body writing

**Article title** : the title must short and summarizes as specifically, accurately, and concisely as possible what the paper is about. The title must be written using symetric uppercase letter, and avoid using unfamiliar acronyms. The writing order is main study then the specific study.

**Opening/introduction** : consist of (in order) background, previous study, state of art, originality, problem statement, hypothesis, study's target and goals. This journal format is forbiding literature review but using state of art, previous study as originality statement.

**Research Contents** describe about your research for this will be published paper. It may structured as follow :

- Literature study : consist of the previous references, background theories and base of study operation
- Material and Method : consist of main material and method used in the research study include analysing methods. Only wrote main materials with its brand and ingredients ((ex: H<sub>2</sub>SO<sub>4</sub> (Merck, 99%)). Only wrote main tools brand (ex:Electric Furnace (Carbolite)) without mentioning the complementary tools. The main tools shall be equipped with figure caption with title. The finishing methods also written in this chapter.
- Analysis or explanation : consist of your research analysist formulated datas description, finding description-naration-exposition
- Result and Discussion : consist of research findings and its scientific discussion. The scientific findings must be supported by proper data and materials. The scientific findings are not datas but must be described scientifically, such: the meanings, the reasons, the origins, variable trends, how it can be found, related to which phenomenon etc. In Addition, the result also able to be compare with others study in the same topic.The significant state is the result must answer the hypothesis or research question in the introduction

**Conclusion** : shall answer the hypotesis, research question, research goals and targets. This chapter is not rewriting the result but concluding it. In this chapter also can be written with further study suggestion.

**Acknowledgement** : is chapter to acknowledge the research sponsors, teams, etc

**References** : are all written and used as references in the articles, commonly minimum 10 references, 80% shall be latest primary references (under 10 years publications) and the writting refered to references management application. such : mendeley, end note, zotero, etc.

Please use related citation manager software, such: mendeley, endnote, zotero, msword and set into APA

**Figure 1.** Illustration (Author, 1984)

**Table 1.** Previous work (Author, 2006)

No	Journal Name	Publisher
1	Modul	Architecture Department
2	Enclosur	Architecture Department
3	Imaji	Architecture Department
4	Student	Architecture Department

## Equations writing guide

Every equations are centered in column, numbered undercase on right alignment. Equations must be put on Equation Editor in MS Word or Open Office (Primack, 1983)

(1)

## 6. Quotation and citations writing guide

Every citation and quotations must be noted by the authors by references mention. Citations and quotations must be mentioned the reference in text body by following format : single author reference (author, years), multiple reference (author et al, years). All quotation and citations in the text must be written on references and respectively. (Wang et al, 2011).

## 7. References writing guide

The writting refered to references management application. such : mendeley, grammarly, end note, zotero, etc.. This journal format is following the format of APA 6th Edition (American Psychological Association).

### Journal reference:

Bekker, J. G., Craig, I. K., & Pistorius, P. C. (1999). Modeling and Simulation of Arc Furnace Process. *ISIJ International*, 39(1), 23–32.

### Book reference:

Fridman, A. (2008). *Plasma Chemistry* (p. 978). Cambridge: Cambridge University Press

### Seminar, conference, procding reference :

Roeva, O. (2012). Real-World Applications of Genetic Algorithm. In *International Conference on Chemical and Material Engineering* (pp. 25–30). Semarang, Indonesia: Department of Chemical Engineering, Diponegoro University.

### Graduation writing reference:

Indrakusumo, Bangun (2016). *Design Characteristic of Specialized Street for Indonesia through Cases of South Korea*. PhD Dissertation. Pukyong National University.

### Patent reference:

Primack, H.S. (1983). *Method of Stabilizing Polyvalent Metal Solutions*. US Patent No. 4,373,104

### Handbook reference:

Hovmand, S. (1995). *Fluidized Bed Drying*. In Mujumdar, A.S. (Ed.) *Handbook of Industrial Drying* (pp.195-248). 2nd Ed. New York: Marcel Dekker.

## Online Submission Guide

Online Submission System via portal E-Journal Modul  
(<http://ejournal.undip.ac.id/index.php/modul>)

Register the coresponding author in “Register” or  
address: <http://ejournal.undip.ac.id/index.php/modul/user/register>

After login as Author, click “New Submission”. There are 5 step of submission : (1). Start, (2). Upload Submission, (3). Enter Metadata, (4).Upload Supplementary Files, (5). Confirmation



At Start, select Jurnal Section (Full Article), check all check list.

At Upload Submission please upload the article

At Enter Metadata, please write the input of author, affiliation, title, abstract, and keywords

At Upload Supplementary Files, you can upload the supplementary files

At Confirmation, click “Finish Submission” after all completed

In case of error via online submission, You can contact the administrators or send your articles through email to “[modulundip@yahoo.com](mailto:modulundip@yahoo.com)”

All article must follow the format and procedures. Every unsupported format will be returned to the author before further review. Any comment and questions can be send to “[modulundip@yahoo.com](mailto:modulundip@yahoo.com)” or “[modulundip@gmail.com](mailto:modulundip@gmail.com)”.

## Acknowledgement

**Thanks to Diponegoro University, Engineering Faculty and IAI for supporting this journal..**

## References

- Bekker, J. G., Craig, I. K., & Pistorius, P. C. (1999). Modeling and Simulation of Arc Furnace Process. *ISIJ International*, 39(1), 23–32.
- Bezuidenhout, J. J., Eksteen, J. J., & Bradshaw, S. M. (2009). Computational fluid dynamic modelling of an electric furnace used in the smelting of PGM containing concentrates. *Minerals Engineering*, 22(11), 995–1006.
- Bhaktavatsalam, A. K., & Choudhury, R. (1995). Specific Energy Consumption in The Steel Industry. *Energy*, 20(12), 1247–1250.
- Camdali, U., & Tunc, M. (2006). Steady State Heat Transfer of Ladle Furnace During Steel Production Process. *Journal of Iron and Steel Research, International*, 13(3), 18–20.
- Fridman, A. (2008). *Plasma Chemistry* (p. 978). Cambridge: Cambridge University Press
- Hovmand, S. (1995). Fluidized Bed Drying. In Mujumdar, A.S. (Ed.) *Handbook of Industrial Drying*(pp.195-248). 2nd Ed. New York: Marcel Dekker
- Istadi, I. (2006). Development of A Hybrid Artificial Neural Network – Genetic Algorithm for Modelling and Optimization of Dielectric-Barrier Discharge Plasma Reactor. *PhD Thesis*. Universiti Teknologi Malaysia
- Primack, H.S. (1983). Method of Stabilizing Polyvalent Metal Solutions. *US Patent No. 4,373,104*
- Roeva, O. (2012). Real-World Applications of Genetic Algorithm. In *International Conference on Chemical and Material Engineering* (pp. 25–30). Semarang, Indonesia: Department of Chemical Engineering, Diponegoro University

Wang, Z., Wang, N. H., & Li, T. (2011). Computational analysis of a twin-electrode DC submerged arc furnace for MgO crystal production. *Journal of Materials Processing Technology*, 211(3), 388–395.

## Submission Preparation Checklist

As part of the submission process, authors are required to check off their submission's compliance with all of the following items, and submissions may be returned to authors that do not adhere to these guidelines.

1. The submission has not been previously published, nor is it before another journal for consideration (or an explanation has been provided in Comments to the Editor).
2. The submission file is in OpenOffice, Microsoft Word, RTF, or WordPerfect document file format.
3. Where available, URLs for the references have been provided.
4. The text is single-spaced; uses a 12-point font; employs italics, rather than underlining (except with URL addresses); and all illustrations, figures, and tables are placed within the text at the appropriate points, rather than at the end.
5. The text adheres to the stylistic and bibliographic requirements outlined in the **Author Guidelines**, which is found in About the Journal.
6. If submitting to a peer-reviewed section of the journal, the instructions in **Ensuring a Blind Review** have been followed.

## Privacy Statement

The names and email addresses entered in this journal site will be used exclusively for the stated purposes of this journal and will not be made available for any other purpose or to any other party.