

# International Journal of Engineering Inventions (IJEI)

## Executive Editorial Board

- ❖ Dr. Sebastian Johnson, Australia
- ❖ Dr. Prof Amelia White, USA
- ❖ Dr. Benjamin Robinson, USA
- ❖ Dr. Zachery Edwards, New Zealand
- ❖ Dr. Alejandra Plamer, Italy
- ❖ Dr. Fletcher Ramero, Nigeria
- ❖ Dr. Barrett Hale, Germany
- ❖ Dr. Webster, South Africa

## Associate Editorial Board

- ❖ Professor Amalendu Chandra ( IIT Kanpur)
- ❖ Professor N. Chandrakumar (IIT Chennai)
- ❖ Professor P. K. Chattaraj (IIT Kharagpur)
- ❖ Professor B. M. Deb (S. N. Bose Institute Kolkatta)
- ❖ Professor M. S. Gopinathan (IISER Trivendrum)
- ❖ Professor S. K. Ghosh (BARC, Mumbai)
- ❖ Professor R. V. Hosur (TIFR, Mumbai)
- ❖ Professor E. D. Jemmis (IISER Trivendrum)
- ❖ Professor D. G. Kanhere (University of Pune)
- ❖ Professor G. Mehata (IISC Bangalore)
- ❖ Professor Manoj K. Mishra (IIT, Bombay)
- ❖ Professor Debashis Mukharjee (IACS Kolkatta)
- ❖ Professor Sourav Pal (NCL, Pune)
- ❖ Professor V. N. R. Pillai (IGNU, New Delhi)
- ❖ Professor T. Ramasami (DST, New Delhi)
- ❖ Professor S. Ramasesha (IISC Bangalore)
- ❖ Professor R. Ramaswami (JNU, New Delhi)
- ❖ Professor K. L. Sebastian (IISC, Bangalore)
- ❖ Professor N. Sathyamurthy (IISER Mohali)
- ❖ Professor K. D. Sen (University of Hydrabad)
- ❖ Professor B. L. Tembe (IIT Bombay)

**Address: R12/18, Rajnagar, Ghaziabad,  
U.P., India**

Website URL : [www.ijeijournal.com](http://www.ijeijournal.com)

Email : [ijeij@editormails.com](mailto:ijeij@editormails.com)



ISSN 2278-7461

9 772278 746102 >



The peer-reviewed International Journal

*Research in Science & Technology*

e-ISSN: 2278-7461

Volume : 9 Issue : 6

p-ISSN: 2319-6491

## Contents :



<b>Study of the Electromagnetic Properties of a Soft Magnetic Composite (SMC) and its Efficiency when Applied to a Low Frequency Magnetic Field</b> <i>Back, J. A., Schaeffer, L., Gaio, J. C.</i>	<b>01-09</b>
<b>Comparing frequentist and bayesian approaches in AMMI analysis in a simulated scenario</b> <i>Cristian Tiago Erazo Mendes, Luciano Antonio de Oliveira, Alessandra Querino da Silva, Carlos Pereira da Silva, Patricia Mendes dos Santos, Thelma Sáfyadi</i>	<b>10-17</b>
<b>Time – Frequency Analysis Technique for Fault Investigation on Power System Transmission Lines</b> <i>Anazia E. A, Ogboh V. C., Anionovo U. E.</i>	<b>18-25</b>
<b>Increasing performance of (PVT) solar cells by using nanofluids: A review</b> <i>A.W. Saleh, S.H. Danook, A.M. Hussein</i>	<b>26-29</b>
<b>A Review of Virtual Machine Placement: Bio-Inspired Based Approaches</b> <i>ADO, Nahuru Sabongari, Badamasi Ja'afaru, Habu Usman</i>	<b>30-36</b>
<b>Analysis of the Layer Interface of a Polymeric Composite Applied In Oil Pipelines</b> <i>MSc. Italo Martins Gomes, DSc. Alex Sandro de Araújo Silva, DSc. Rodrigo Nogueira de Codes</i>	<b>37-45</b>
<b>Visual management of OEE at the semi-automatic assembly lines</b> <i>P. Dobra</i>	<b>46-52</b>
<b>The Biophysical Modeling of the Apparatuses-stress in the Human Organism</b> <i>Janos Vincze, Gabriella Vincze-Tiszay, Julianna Szakacs</i>	<b>53-58</b>