Call for Book Chapters/Research Papers for Edited Books
To be published with ISBN under IIP International publishers,USA and India

Role of Artificial Intelligence in Modernization of Signal Computing

Series Editors:

Ms. Amee Vishwakarma
Assistant Professor
Department of Electronics and Communication Engineering
Gyan Ganga Institute of Technology and Sciences
Jabalpur, Madhya Pradesh
7987866796
ameevishwakarma@ggits.org

Dr. Sourabh Sahu
Associate Professor
Department of Electronics and Communication Engineering
Gyan Ganga Institute of Technology and Sciences
Jabalpur, Madhya Pradesh
7073155620
sourabh.ggits@gmail.com
sourabhsahu@ggits.org

Mr. Vivek Anand
Assistant Professor
Department of Electronics and Communication Engineering
Gyan Ganga Institute of Technology and Sciences
Jabalpur, Madhya Pradesh
8770998921
anandvivek62@gmail.com

Edited Book Series ID: IIPER1687315035

Iterative International Publishers
Novi, Michigan, USA
Chikkamagaluru, Karnataka, India

Imprint IIP
Registered publisher under Raja Rammohun Roy Agency, Government of India and also under Bowker My identifiers agency, USA

Important dates:
Last date for Chapter Submission: 31st December 2023
Publication requires around 2-3 months after compilation of all the book chapters

IIP Edited Book Series
w w w . i i p s e r i e s . o r g

Call for Chapters

Role of Artificial Intelligence in Modernization of Signal Computing

Aim & Scope:

The aim of the book "Role of Artificial Intelligence in Modernization of Signal Computing" is to explore the transformative impact of artificial intelligence (AI) on signal computing techniques and highlight its role in advancing modern signal processing methodologies. The chapters of the book is selected to provide a comprehensive understanding of how AI technologies can enhance signal computing processes, enable more accurate analysis, and open up new possibilities in various domains such as telecommunications, audio processing, image recognition, and sensor networks.Throughout the book reader will gain insight of the various algorithms that can be implemented in the processing of different types of signals. The broad area cover in the book is related to medical image processing, ECG/EEG signals for detection of disease, Audio/Video signal processing, satellite images, etc.,

1. **Signal processing and its analysis:** The book will provide a solid foundation by explaining fundamental concepts, techniques, and methodologies of AI and machine learning to readers with varying levels of expertise

2. **Classification and recognition of Signals:** The book will include various AI Algorithms that excels in classification and recognition of tasks providing trained models on various types of signals like audio, video, image, sensor data etc

3. **Optimization and Automation:** This book will explore various AI optimizing algorithms that can optimize and automate signals processing systems. That will help in automatically configure signal parameters, eventually reducing human efforts

4. **Signal based predictive Analysis:** The part will include beneficial in domains like financial markets, weather forecasting, predictive maintenance, health monitoring etc, where accurate results can be derived through prediction based on signals processing and proactive decision making

5. **Applications:** This book will explore the significance of the technological development in the form of suitable applications in various domain where the signal processing related to audio, video, medical, satellite, etc.

Author Benifits:

1. Selected chapters (not all) will be indexed in RSquareL and other indexing platforms including Amazon, Google Books etc.
2. Publication of chapter in book series with ISBN / ISSN
3. Publishing in IIP Proceedings Digital Library with DOI
4. Open access mode of publication in IIP Digital library
5. Optimized searching options to increase the visibility of the work to readers and other researchers which helps in citations.
6. Unique dashboard to Author
7. Easy paper/chapter management system with transparency of the   process including peer review
8. One complimentary copy per chapter
9. Certificate to all authors who contributed chapter(s)

Chapter Submission Procedure:

Step 1: Go to IIP website **www.iipseries.org**
Step 2: Register in the portal by clicking on Signup
Step 3: You can submit chapter at your dashboard or directly through IIP website after you login
Step 4: Click on submit chapters
Step 5: Select the book series title along with **Book Series ID** to which you wish to submit
Step 6: Upload all necessary details along with your chapter in word file format.Refer IIP Chapter format at download in **IIP** Website

Support from IIP to the Editors & Authors

*Reviewing support from IIP Reviewers
*Plagiarism checking service through Turnitin
*Submission management
*Registration management
*Individual dashboard

For any queries

Contact:7987866796
Mail.us:ameevishwakarma@ggits.org

Registration Fee: USD 40 INR 2000 which includes processing fee with all above mentioned supporting services, certificate hard copy to all authors ,one complimentory copy of the book series registration

IIP Edited Book Series

w w w . i i p s e r i e s . o r g