



Special Issue for Journal Recent Patents on Engineering

Guest Editor:

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Deep learning for Intelligent Systems and Big Data Analytics

Aims & Scope:

The rapid growth of online data generated huge amount of big data due to exponential growth in the use of social media such as Twitter, Facebook, Flickr etc. This huge volume of user-generated data in form of 'big data' provides many opportunities to analyse and mine useful information. The generated data is mainly in form of text, video, images, and speech. Nowadays, Deep Learning approaches have shown breakthrough results in various domains such as natural language processing, image processing, video analytics, and speech recognition. Deep learning is revolutionizing as it offers an effective way of representation and allows system to learn features automatically from data without the need of explicitly designing them. Deep learning algorithms such as deep autoencoders, convolutional neural networks (CNN), recurrent neural networks, long short term memory network, generative adversarial networks etc.

The purpose of this special issue is to report the latest advances in the field of deep learning for Intelligent Systems and Big data analytics, addressing both original algorithmic development and new applications of deep learning. Topics for this special issue include, but are not limited to:

Subtopics:

- Deep learning in Image Processing
- Deep learning in Natural Language Processing
- Representation or feature learning via Deep learning
- Speech recognition using Deep learning

- Big data organization, retrieval and indexing using deep learning
- Big data management
- Deep learning in Health Informatics
- Deep learning in biomedical sciences
- Any Novel Deep Learning Application

All the submitted manuscript must not have been previously published or currently under review for publication elsewhere. Significantly extended version of the conference proceedings are also acceptable. All the submitted papers will be undergo through a rigorous peer review process. A guide for authors and other relevant information for submission of manuscripts are available on the Instructions for Authors page (<https://benthamscience.com/journals/recent-patents-on-engineering/author-guidelines/#top>).

Please submit your manuscript via email mentioning in subject “Special issue submission to deep learning for intelligent systems and big data analytics” to **basant@skit.ac.in**.

Abstracted & Indexed in:

Scopus, EI/Compendex, Chemical Abstracts Service/SciFinder, Cambridge Scientific Abstract (CSA)/ProQuest, ChemWeb, Google Scholar, METADEX, PASCAL, INSPEC, Genamics JournalSeek, MediaFinder®-Standard Periodical Directory, PubsHub, J-Gate, CNKI Scholar, Suweco CZ, TOC Premier, EBSCO, Ulrich's Periodicals Directory and JournalTOCs.

Schedule:

Manuscript submission deadline:	October 15, 2018
Peer Review Due:	November 31, 2018
Revision Due:	December 31, 2018
Notification of Acceptance by the Guest Editor:	January 15, 2019
Final Manuscripts Due:	January 31, 2019