

**Special Session  
on**

**(“IMAGE MINING AND APPLICATIONS”)  
International Conference on Computational Intelligence and Data Science  
(ICCIDS 2018)**

<http://iccids2018.ncuindia.edu/>

**7-8<sup>th</sup> April, 2018**

**at**

**The NorthCap University, Gurugram**

**AIM:**This special session emphasizes the extent to which image processing technology and data mining can help specialists in understanding and analyzing complex images. Image mining aims at advancing traditional data mining from unstructured data to structured data. It focuses on methodologies for extracting useful knowledge from images, and on the progress of diverse disciplines such as artificial intelligence, machine learning, medical imaging, and other related topics.

**SCOPE:**The scope is to establish an effective communication channel between researchers, developers and professionals from both academia and the industry so that they can report the latest scientific and theoretical advances in image mining and its applications. It also aims to reveal useful information to specialists, allowing them to extract implicit knowledge, uncover new relationships and the like which are not explicitly expressed in images. This information can be used to make prognoses and to then anticipate human or system behaviors. Developments in this field will help to intensify interdisciplinary discovery.

**Topics of Interest:** The topics of interest include but are not limited to:

- Image Segmentation
- Image Pre processing
- Image Classification
- Medical image and signal analysis
- Volumetric image analysis
- Data mining of biological databases
- Image indexing
- Image clustering
- Biomedical information retrieval
- Biomedical information extraction
- Relation extraction in biological databases
- Content-based image retrieval and image mining
- Semantic-based image mining
- Image mining in medical and healthcare informatics
- Pattern recognition techniques in the image mining environment
- Image models, representations and features

- Image databases
- Image knowledge bases

**Important Dates:**

Extended date for submission: 30th January 2018

~~Last date for paper submission: 30th December 2017~~

Notification of Acceptance: 28th February 2018

Last date for camera ready paper: 10th March 2018

Author Registration Deadline: 15th March 2018

Conference date: 7-8 April 2018

**All accepted papers will be published in Procedia Computer Science, Elsevier.**

**Write Brief Biography of session Chair with photograph**

**Name:** Dr. K.K.Singh, B.Tech.,M.Tech. ,PhD(IIT Roorkee), Senior Member IEEE USA.

**Affiliation:** Assoc. Prof., GLBITM, Greater Noida

Dr. Singh has a vast teaching and research experience and is currently working as Associate Professor in ECE department with GL Bajaj Institute of Technology and Management, Greater Noida. He is an active researcher in the field of image processing and is guiding four PhDs from IIT (ISM) Dhanbad. He has published more than forty research papers in international journals and conferences. He has been the editor of Communication and Computing Systems published by CRC press. Dr. K.K.Singh has also authored three international and six national books for engineering courses. He has been the recipient of the prestigious IEEE outstanding branch counselor award in Delhi section. Dr. Singh has served as the conference chair, session chair and keynote speaker in various international conferences sponsored by IEEE, Springer and Taylor Francis.