



**2020 International Conference**  
on  
**Computer Science, Engineering and Applications**  
(ICCSEA 2020)

**IEEE Conference Record #49143**

(March 13 – 14, 2020)

Organized by  
Department of Computer Science & Engineering  
GIET University, Gunupur-765022, India

**IEEE**  
KOLKATA SECTION



**Call for papers in Special Session**

## **Intelligent Computing & Communication in Health Care**

Research and Review articles are invited for a special session organized by members of **Siskha 'O' Anusandhan (SOA) Deemed to be University**, Bhubaneswar, for the **2020 International Conference on Computer Science, Engineering and Applications (ICCSEA 2020)**, at **GIET University, Gunupur, India** (<http://iccsea2020.in/>). This is a part of the two days International Conference, technically sponsored by **IEEE Kolkata Section** to be held during on **13th -14th March 2020** at **GIET University, Gunupur, Odisha, India**.

This special session will complement the regular technical program of the conference by highlighting new and emerging research topics or innovative applications of established approaches. While we welcome research and review articles in all areas of Intelligent advanced Computing and Communication Engineering. We are particularly interested in “**Intelligent Computing & Communication in Health Care**”. Please find the attachment for the details.

### **Important Dates [Same as Main Conference]:**

- Paper submission Deadline: 31st December 2019
- Notification of Decision: 30th January 2020
- Author Registration & Submitting Camera Ready: 20th February 2020
- Conference Date: 13th – 14th March 2020
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Authors can submit special session as well as the regular (min 5 pages) papers on research and development focusing on (but not limited to) the thrust areas mentioned in “Call for papers in Special Session”, and “Call For Papers” respectively at ( <http://iccsea2020.in/>). Note that all papers submitted to special session will be subject to the same peer review process as for regular paper. All accepted and presented paper will be submitted to **IEEE Explore Digital Library** for inclusion.

### **Session Chair(s):**

**1. Dr. Debabrata Singh**, Ph. D. (Computer Sc.)  
Dept of CSIT, ITER, SOA (Deemed to be University), Bhubaneswar, ORISSA  
Email Id :- [debabratasingh@soa.ac.in](mailto:debabratasingh@soa.ac.in), Mobile No. :8658427346

**2. Prof. Dr. Binod Kumar Pattanayak**, Ph. D. (Computer Sc.)  
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## **Theme of Session:**

Novel technologies, protocols, and standards are developed time to time and again to meet the desired demands. The investigation on the internet and distributed computation are considered as the key elements in recent global research. The special session aims at bringing together academicians, investigators, scientists, engineers and practitioners throughout the world to present their latest research findings, ideas, innovations developments and applications in the field of Intelligent Computing & Communication in Health Care and its applications. Intelligent Computing system provides effective solutions to a complex problem. Computational intelligence models and systems deploys computational methodologies to address real world problems along with the complete solutions in healthcare based on mathematical foundation of computing system.

## **Topics of Interest:**

We invite original (un-published) research contributions based on the above mentioned theme including following topics **but not limited to:**

- ◆ Intelligent Computing Algorithms
- ◆ Artificial Immune system
- ◆ Internet of Things (IoTs) and Fog Computing
- ◆ IoT and Distributed Systems
- ◆ IoT in Biomedical Applications
- ◆ Cloud Computing and Distributed Environment
- ◆ Application of Deep Learning
- ◆ Big data analysis
- ◆ Machine learning perspective on Health monitoring
- ◆ Computational Intelligence, Fuzzy Logic design
- ◆ Applications of IoT Bioinformatics and Evolutionary Computing

## **Paper Submission Process:**

Please submit your paper (in word/pdf format) at

<https://easychair.org/conferences/?conf=iccsea2020>

**Send an Acknowledge mail/ message to [debabratasingh@soa.ac.in](mailto:debabratasingh@soa.ac.in) or 8658427346 respectively**

## **Program Reviewer Committee: Name(s), Affiliation(s)**

### **1. Dr. Bibhudatta Sahoo**

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### **2. Dr. Punyaban Patel, PhD, FIE, FISRD**

Professor, Department of Computer Science & Engineering, Malla Reddy Institute of Technology, Maisamaguda, Dulapally, Telangana.

### **3. Dr. Bibhudendu Pati, Dept. of Computer Science, Ramadevi Womens University, BBSR**

4. **Dr. Alok Jagdev, Dept of CSE, KIIT, Deemed to be University, BBSR, Odisha.**

5. **Dr. Puja Das, Dept of Electrical & Electronics Engineering, Gayatri Vidya Parisad College of Engg, Madhurwada, Vishakhapatnam.**

6. **Dr. Rashmita Dash, Dept of CSE, ITER, SOA Deemed to be University, BBSR, Odisha.**

7. **Dr. Nagendra Babu, Asst. Professor Dept of CSE, [KSRM College of Engineering, Kadapa.](#)**

- 8. Dr. Sushree Bibhuprada B. Priyadarshini**, Ph. D. (Computer Sc.)  
Dept of CSIT, ITER, SOA (Deemed to be University), Bhubaneswar, ORISSA
- 9. Dr. Munesh Singh**, , Dept of CSE, IIITDM Kancheepuram, Tamilnadu
- 10. Dr. Ansuman Mahapatra**, , Dept of CSE NIT Puducherry

**About the Siksha 'O' Anusandhan ( SOA), Deemed to be University, Bhubaneswar.**



Siksha 'O' Anusandhan (SOA) Deemed to be University is located in Bhubaneswar, Odisha. SOA DU was reaccredited by NAAC with 'A' grade (highest grade under the old system) in 2015 for a period of 5 years. *MHRD NIRF India Rankings 2019* - 24th in the University category, 32nd in the Engineering category, 21st in Medical Colleges. Ranked Internationally by Times Higher Education (THE) World University Rankings 2020. Ranked in the 601 - 800 ranking bracket for Engineering Programs, 29th amongst Indian Institutes. Granted with *Graded Autonomy* status by UGC. *Swachh Campus* - Ranked 3rd Nationally. It is the youngest University among top 25 in India and the Best Institution in Odisha by the MHRD through its NIRF Rankings in 2018.

ITER is the Faculty of Engineering and Technology of Siksha 'O' Anusandhan. It is located in Campus 1 of the SOA. ITER is the oldest constituent institute of the SOA, having seen light in 1997. It has grown from a fledgling campus with a single three storied building (Academic Block) to one of the best engineering campuses in Eastern India.

**For any further queries related to this special session, please contact the session chairs at:  
E-mail ID: [debabratasingh@soa.ac.in](mailto:debabratasingh@soa.ac.in) , Mobile No.: 8658427346**