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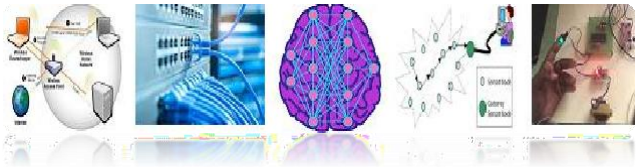
**Utkal University** founded in 1943 is the mother University of Odisha. Pandit Nilakantha Dash, Maharaja Krushna Chandra Gajapati and Pandit Godavarish Mishra, amongst other doyens of modern Orissa, played a leading role in the establishment of the University. On 27th of Nov 1943, the Utkal University started functioning at Ravenshaw College (now University), Cuttack. Dr. Rajendra Prasad, the first President of India, laid down the foundation of the present 400 acre sprawling campus on 1st January 1958. The University thereafter was singularly honoured when a great educationist Dr. Sarvapalli Radhakrishnan, the second President of India inaugurated the present campus at Vani Vihar on 2nd January 1963. There are more than three hundred general affiliated colleges under the University.

**Department of Computer Science and Applications** was established in the year 1990, with the objective of imparting quality education in the field of Computer Science. With rapidly evolving technology and the continuous need for innovation the department has always produced quality professionals, holding important positions in Information Technology industry in India and abroad. The Department started the three year Master of Computer Applications (MCA) programme in the year 1990. The 5 years Integrated MCA (IMCA) and two year M. Sc. (Computer Science) were introduced in self finance mode in the year 1999, and 2001 respectively. The Master in Computer Engineering course was introduced in the year 2005 with full assistance from Ministry of IT (MIT), Government of India. Besides these the Department has strong research interests in diverse branches of Computer Science and offers a Doctor of Philosophy (Ph.D.) program aimed at producing quality researchers.



# 11th International Conference on Computing, Communication and Sensor Networks (CCSN-2022)

## Dates

**23rd and 24th September 2022**

## Organizer

UTKAL UNIVERSITY
NAAC A+ Accredited

**Department of Computer Science and Applications**
**Utkal University, Bhubaneswar**
**Odisha, India.**

## Co-Organizer

ACT ESDA MICRO CCSN

**Applied Computer Technology**
**Kolkata, West Bengal, India.**
**Website: www.actsoft.org/ccsn2022**
Email: info@actsoft.org, dulal@actsoft.org

## Introduction of CCSN-2022

Since 2011, CCSN conference series is a global platform for Computer Science researchers to exchange research results and ideas on the foundations and applications of Computing, Communications and Sensor Networks. It is organized every year across different locations in India. This year 11th version of it will be organized as CCSN2022 in Odisha and different papers of international research communities will be presented and published through this conference. Outcome of an international conference is a very powerful asset and is open to the international communities. Different results of research works, tutorials, and survey papers will be presented in this conference. This conference has published high quality publications and in most of the years, selected good quality extended versions of papers are also published in the Special Issue of the Journal of Micro system Technologies of Springer-Nature, SCI indexed having Impact Factor=2.7. Also, the Conference Proceedings are published in LNEE (Lecture Notes in Electrical Engineering), Springer-Nature, SCOPUS indexed, Impact Factor=0.4 with some other papers of the conference.

## Publications

This conference deals with best quality research papers. Abstracts or partial papers are not considered here. After presentation to the conference, one month time is given to the authors for preparing extended version of the paper. This year also some good extended versions of presented papers will be published in the Special Issue of the Journal of Microsystem Technologies, SCI indexed, Springer-Nature. We have published many special issues of the same journal for our past conferences as mentioned under the page of Past Publications. Yearly, we publish many special issues of SCI indexed Journal and many Proceedings of SCOPUS indexed, our experts decide about the Journal/Proceedings for the papers. Prospective authors can also check status of this Journal: https://www.springer.com/journal/542

## Paper Submission/Publication

1. Login to: https://cmt3.research.microsoft.com/ccsn2022
2. Login with existing email/password or create a new account
3. Upload paper as one column/two column format (MSWord/PDF)
4. Note down the paper ID which will be used for next all communications.
5. Wait for Acceptance notice sent from cmt3/Microsoft site.
6. If accepted, do registration by paying Fee to our Bank Account.
7. Prepare PPT and Present paper in the conference venue.
8. After the conference, we shall send email to you about the publication guidelines of your paper.

## Link of Paper Submission

https://cmt3.research.microsoft.com/ccsn2022

This is the Conference Management Tool (CMT) of Microsoft, all papers will be uploaded in this site, acceptance/Reject notice will be sent from this tool. So, after uploading paper, you should check your email if there is any from email of cmt3/Microsoft site which may be sent from our conference office.

## Themes of Papers

Computing and Algorithms
Wireless Monitoring Systems for Mining Industry
Wireless & Mobile communication
Analog/ RF and digital Circuits, VLSI, Power Electronics.
Soft Computing, Neural Network, Fuzzy System
Sensors, Networks and Applications
Combinatorial and Numerical Optimization
Hybrid of soft computing and statistical Learning Techniques
Bio and Medical Electronics
Computer networks, Security and Coding
Socket programming, Multithread Scheduling
Image Sensing and Processing, Wireless Communication
Theory of Computing and algorithms
Coding and security of systems, Modelling and Simulation
Fault Detection, Isolation and Recovery
Optical fibre and communication
Man-Machine Interface Design
Parallel, grid and cloud computing
Big Data storage technology and Networks
Digital Signal Processing
Data encoding and decoding

## IMPORTANT DATES

| | |
|---|---|
| Paper Submission Deadline | : August 15, 2022 |
| Notification of Acceptance | : August 30, 2022 |
| Camera Ready Submission | : Sept. 1, 2022 |
| Registration | : Sept. 01-05, 2022 |
| Dates of Conference | : Sept.23-24, 2022 |

## REGISTRATION FEE

| | |
|---|---|
| For Faculty Members/PhD student | :7000 INR |
| For other Students | :6000 INR |
| For Foreign Students | :150USD |
| For Foreign Faculties/PhD students | :200USD |
| Co-authors/Participants | :500 INR |
| Students/research Scholar of Utkal University | :4000INR |
| For faculties of Utkal University | :5000INR |

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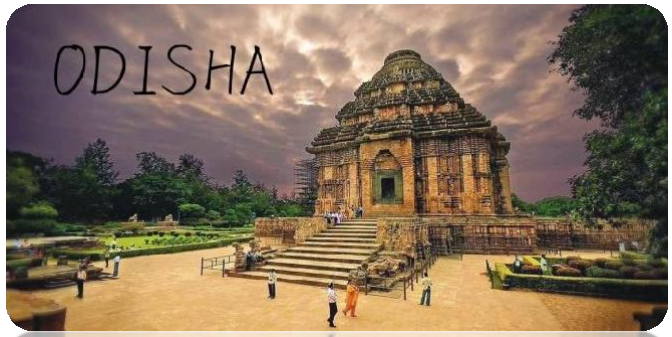
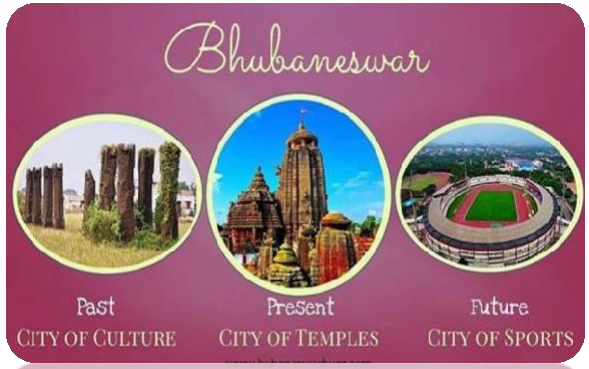



**Odisha** is located on the eastern part of India along the Bay of Bengal. Odisha is the bastion of rich cultural heritage with its historical monuments, archaeological sites, traditional arts, sculpture, dance and music. From the time immemorial Odisha attracts a large number of scholars, artists and tourists. The Department of Culture looks forward for the systematic and comprehensive promotion in the field of art and culture in the State. Odisha has a distinct tradition of painting, architecture, sculpture handier music and dance. The Odisha School of painting has three streams, which in their totality projects. In it's distinguishing aspects. These are the tribal, the folk and the classical. There is a constant interchange of ideas and motifs among the three streams, and these interchanges have helped to enrich the repertoire of Odisha Art.




**Bhubaneswar** is the capital of Odisha and a larger metropolitan region, the city has a growing IT and education hub. It is known as "Temple City" and is a popular tourist destination along with large number of religious temples include Lingaraj Temple, Temples of Khandagiri & Udayagiri, etc nearby Puri and Konark, the latter being a UNESCO World Heritage Site. The city is also the cultural hub of the Oriya people, language and cinema. Bhubaneswar has an ancient history that goes back more than 2300 years when it was treat as the capital (Sisupalgarh) city of Kalinga Kingdom. It is the largest city of Odisha with an area of 419 sq km located on the South-Western Bank of Mahanadi River.